

ACCESS SERVICE

CONSOLIDATED COMMUNICATIONS COMPANIES

REGULATIONS, RATES AND CHARGES

**Applying to the Provision of Access Services  
for Connection to Interstate Communications Facilities  
for Interstate Customers within the operating territory of the Issuing Carrier listed below.**

**Consolidated Communications of Illinois**

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

This tariff cancels Illinois Consolidated Telephone Company Tariff F.C.C. No.2 in its entirety.

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ISSUED: December 17, 2015

EFFECTIVE: January 1, 2016

Vice President, Regulatory and Public Policy  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICE

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Check Sheets

Original Title Page and Pages 1 to 256 inclusive of this Tariff are effective as of the date shown. The original and revised pages named below contain all changes from the original tariff that are in effect on the date shown.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
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350 South Loop 336 West  
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CONCURRING CARRIERS

None

CONNECTING CARRIERS

None

OTHER PARTICIPATING CARRIERS

None

REGISTERED SERVICE MARKS AND TRADEMARKS

None

## ACCESS SERVICE

EXPLANATION OF SYMBOLS

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

EXPLANATION OF ABBREVIATIONS

Note: Certain abbreviations found in the Exchange Carrier Association's Tariff F.C.C. No. 1 have been deleted as not being relevant to this Tariff.

- ac - Alternating Current
- AML - Actual Measured Loss
- ANI - Automatic Number Identification
- AT&T - American Telephone and Telegraph Company
- BHMC - Busy Hour Minutes of Capacity
- CCS - One Hundred Call Seconds
- CO - Central Office
- Cont. - Continued
- CPE - Customer Premises Equipment
- DA - Directory Assistance
- dB - Decibel
- dBrnC - Decibel Reference Noise C-Message Weighting
- dBrnC O - Decibel Reference Noise C-Message Weighted O
- dBv - Decibel(s) Relative to 1 Volt (Reference)
- dBv1 - Decibel(s) Relating to 1 Volt (Reference)

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EXPLANATION OF ABBREVIATIONS (Cont'd)

DC	- Direct Current
EDD	- Envelope Delay Distortion
ELEPL	- Equal Level Echo Path Loss
EML	- Expected Measured Loss
EPL	- Echo Path Loss
ERL	- Echo Return Loss
F.C.C.	- Federal Communication Commission
FX	- Foreign Exchange
ICB	- Individual Case Basis
ICL	- Inserted Connection Loss
Kbps	- Kilobits Per Second
kHz	- Kilohertz
LATA	- Local Access and Transport Area
ma	- Milliampere
Mbps	- Megabits per second
MHz	- Megahertz
MTS	- Message Telecommunications Service(s)
NPA	- Numbering Plan Area
NTS	- Non-Traffic Sensitive
NXX	- Three-Digit Central Office Code
OTPL	- Zero Transmission Level Point
PBX	- Private Branch Exchange
PCM	- Pulse Code Modulation
PL	- Private Line
POT	- Point of Termination
rms	- Root-Mean-Square
SDSL	- Symmetric Digital Subscriber Line
SRL	- Singing Return Loss
SWC	- Serving Wire Center
TES	- Telephone Exchange Service(s)
TLP	- Transmission Level Point
VG	- Voice Grade
V & H	- Vertical and Horizontal
WATS	- Wide Area Telecommunications Service(s)

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Vice President, Regulatory and Public Policy  
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REFERENCE TO TECHNICAL PUBLICATIONS

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

## ACCESS SERVICE

## REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publications are referenced in this Tariff and may be obtained from Bell Communications Research, Inc., Distribution Storage Center, 60 New England Ave., Piscataway, New Jersey 08854.

## Technical Reference:

PUB 41451*	
Issued: January, 1983	Available: May 17, 1983
PUB 41004	
Issued: October, 1973	Available: October, 1973
PUB 62310	
Issued: September, 1983	Available: October, 1983
PUB 62411	
Issued: September, 1983	Available: October, 1983
PUB 62500	
Issued: December, 1983	Available: March 15, 1984
PUB 62501	
Issued: December, 1983	Available: March 15, 1984
PUB 62501 Addendum	
Issued: March, 1984	Available: April, 1984
PUB 62502	
Issued: December, 1983	Available: January, 1984
PUB 62503	
Issued: December, 1983	Available: March 15, 1984

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## REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

PUB 62503 Addendum Issued: March, 1984	Available: April, 1984
PUB 62504 Issued: December, 1983	Available: March 15, 1984
PUB 62504 Addendum Issued: March, 1984	Available: April, 1984
PUB 62505 Issued: December, 1983	Available: January, 1984
PUB 62505 Addendum Issued: March, 1984	Available: April, 1984
PUB 62506 Issued: December, 1983	Available: January, 1984
PUB 62507 Issued: December, 1983	Available: March 15, 1984
PUB 62508 Issued: December, 1983	Available: January, 1984
PUB TR EOP-000178 Issued: 3rd Quarter 1985	Available: 3rd Quarter 1985

The following technical publication is referenced in this Tariff and may be obtained from Telcordia Technologies Inc. (formerly Bell Communications Research, Inc. -Bellcore), Direct Sales, 8 Corporate Place, Piscataway, NJ 08854-4156 ([www.telcodia.com](http://www.telcodia.com)).

Telecommunications Transmission Engineering  
Volume 3 - Networks and Service (Chapter 6 and 7)  
Third Edition, 1980  
Issued: August 1989

GR-2936-CORE Issue 3 Local Number Portability (LNP) Capability Specification Service Provider  
Portability  
Issued: November 1997

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

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 So. Jefferson Road, Whippany, New Jersey 07981 and the Federal Communications Commission's Commercial Contractor.

PUB AS No. 1, Issue II

Issued: May, 1984

Available: May, 1984

The following publication is referenced in this Tariff and may be obtained from the Federal Communications Commission's commercial contractor.

Exchange Carrier Association

Tariff F.C.C. NO. 3

Issued: January, 1987

Available: January, 1987

The following Ordering and Billing Forum publications are referenced as Industry Standards regarding Meet Point Billing specifications in this Tariff and may be obtained from Consolidated Communicaitons of Illinois, 121 south 17th Street, Mattoon, IL 61938.

Multiple Exchange Carrier Access Billing Guidelines (MECAB)

Issued: November, 1987

Available: November, 1987

Multiple Exchange Carrier Ordering and Design Guidelines (MECOD)

Issued: November, 1985

Available: November, 1985

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REFERENCE TO TECHNICAL PUBLICATION (Cont'd)

The following technical publication is referenced in this Tariff and may be obtained from the Superintendent of Documentation, document Control Branch, 941 North Capitol Street, N.E., Washington, D.C. 20401

NCS Manual 3-1-1 "Telecommunication Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", available August 1990.

NCS Handbook 3-1-2 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook", available August 1990.

The following technical publications are referenced in this tariff and may be obtained from the American National Standards Institute, 1430 Broadway, New York, NY 10018.

ANSI T1.413-1998 - Asymmetric Digital Subscriber Line (ADSL) Metallic Interface, October 2004

ANSI T1.413a-2004 -- Supplement, October 2004

ANSI T1.418-2002 - High Bit Rate Digital Subscriber Line – 2<sup>nd</sup> Generation (HDSL2), July 2004

and ANSI T1.418a-2004 – Supplement, July 2004

ANSI T1.422-2001 - Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceiver, October 2003

ANSI T1.423-2001 - Asymmetric Digital Subscriber Line (ADSL) Transceivers, Oct 2003  
Specifies Use of ITU-T G.992.1

ANSI T1.424-2004 - Interface between Networks and Customer Installation – Very-High Speed Digital Subscriber Lines (VDSL) Metallic Interface (DMT-based), June 2004

ANSI T1.426-2004 - Enhanced Single-pair High-speed Digital Subscriber Line (E-SHDSL) Transceivers, July 2004

Proposed

ANSI T1.427.02 — (new) Ethernet Transport over Single and Multi-Pair sDSL Systems (LB-E003, 3 Jan 2005)



ACCESS SERVICE

SECTION 1. APPLICATION OF TARIFF

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line Access, End User Access, Lifeline Assistance, Universal Service Fund, Switch Access Services, Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by Consolidated Communications Companies, hereinafter referred to as the Telephone Company, to customers.
- 1.2.1 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.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS2.1 Undertaking of the Telephone Company2.1.1 Scope

The Company undertakes to furnish Access Services in accordance with the terms and conditions set forth in this tariff. Except where such specific Access Services terms and conditions differ, the terms and conditions set forth herein are in addition to those found for each specific Access Service.

2.1.2 Shortage of Facilities

All service is subject to the availability of suitable facilities. The Company reserves the right to limit the length of communications or to discontinue furnishing services when necessary because of the lack of transmission medium capacity or because of any causes beyond its control.

2.1.3 Terms and Conditions

- (A) Service is provided on the basis of a minimum period of one month 24-hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- (B) Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customer will also be required to execute any other documents as may be reasonably requested by the Company.
- (C) In any action between the parties to enforce any provision of this tariff, the prevailing party shall be entitled to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may reward.
- (D) This tariff shall be interpreted and governed by the laws of the United States without regard for its choice of laws provision.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.4 Liability of the Company

- (A) Except as stated in Section 3.1.4, the Company shall have no liability for damages of any kind arising out of or related to events, acts, rights or privileges contemplated in this tariff. This tariff does not limit the liability of the Company for willful misconduct.
- (B) The liability of the Company for damages resulting in whole or in part from or arising in connection with the furnishing of service under this tariff, including but not limited to mistakes, omissions, interruptions, delays, errors or other defects or misrepresentations shall not exceed an amount equal to five times the initial period charge provided for under this tariff for any call for the period during which the call was affected. No other liability in any event shall attach to the Company.
- (C) The Company shall not be liable for any failure of performance hereunder due to causes beyond its control, including but not limited to acts of God, fires, flood or other catastrophes; failure of utility services, any law, order, regulation, directive, action or request of the United States Government, or any other government, including state and local governments having jurisdiction over the Company, or of any department, agency, commission, bureau, corporation or other instrumentality of any one or more of said governments, or of any civil or military authority; national emergencies, insurrections, riots, wars or other labor difficulties.
- (D) The Company shall not be liable for any act or omission of any other entity furnishing to the Customer facilities, equipment, or services used with the Company's access services. Nor shall the Company be liable for any damages or losses due to unauthorized use or the service or the failure or negligence of the Customer or due to the failure of the Customer-provided equipment, facilities or services.

2.1.5 Claims

The Company shall be indemnified and saved harmless by the Customer from and against all loss, liability, damage and expense, including reasonable counsel fees, due to claims of libel, slander, or infringement of copyright in connection with the material transmitted over the Company's facilities; and any other claim resulting from any act or omission of the Customer or patron(s) of the Customer relating to the use of the Company's services or facilities.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.2 Limitations (Cont'd)

- (C) Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers as provided in Section 8.1 of this tariff.

2.1.3 Liability

- (A) The Telephone Company's liability, if any, for its willful misconduct is not limited by this Tariff. With respect to any other claim or suit by a customer, or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (G) following, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this Tariff as a Credit Allowance for a Service Interruption.

ACCESS SERVICE

SECTION 2    GENERAL REGULATIONS (Cont'd)

2.1    Undertaking of the Telephone Company (Cont'd)

2.1.3    Liability (Cont'd)

- (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, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

- (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.
- (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 arising from the end user's own communications;
  - (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 user or interexchange carrier or;
  - (3) 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.

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

- (E) The Telephone Company shall be indemnified, defended and held harmless by the interexchange carrier against any claim, loss or damage arising from the interexchange carrier's use of services offered under this tariff, involving:
  - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the interexchange carrier's own communications;
  - (2) Claims for patent infringement arising from the interexchange carrier's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or interexchange carrier or;
  - (3) All other claims arising out of any act or omission of the interexchange carrier in the course of using services provided pursuant to this tariff.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

- (F) The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of the services so provided.
- (G) No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this Tariff. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this Tariff and will indemnify such customer for any damages awarded based solely on such claims.
- (H) The Telephone Company's failure to provide or maintain services under this Tariff shall be excused by labor difficulties, governmental orders, civil commotions, 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 2.4.3 following.

2.1.4 Provision of Services

The Telephone Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's telephone exchange services, will provide to the customer upon reasonable notice services offered in other applicable sections of this Tariff at rates and charges specified therein.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)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 intra-building network 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. The labor rates for the installation of such wire are \$63.00 per hour for work performed during the business day of \$94.50 per hour for work performed outside normal business hours.

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.

## ACCESS SERVICE

SECTION 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 Part 68 of the F.C.C.'s Rules and Regulations (Connection of Terminal Equipment to the Telephone Network) at 47 C.F.R. 68.110(b) ("Changes in telephone company facilities, equipment, operations or procedures"), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange 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. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 6 and 7 following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement 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 change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

2.1.8 Refusal and Discontinuance of Services

- (A) Unless the provisions of 2.2.1(B) ("Interference or Impairment") or 2.5 ("Connections") following apply, if a customer fails to comply with 2.1.6 ("Maintenance of Services") preceding or 2.2.2 ("Unlawful Use"), 2.3.1 ("Damages"), 2.3.4 ("Availability for Testing"), 2.3.5 (Balance"), or 2.4 ("Payment Arrangements and Credit Allowances") 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 noncomplying customer at any time thereafter.

## ACCESS SERVICE

SECTION 2. GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.8 Refusal and Discontinuance of Services (Cont'd)

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 noncomplying customer without further notice.

- (B) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 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, discontinue the provision of the

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.8 Refusal and Discontinuance of Services (Cont'd)

services to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved 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 discontinue the provision of the services to the noncomplying customer without further notice.

- (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.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.9 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 or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not individual customer service specific; rather, 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.

In certain instances, i.e., when spare facilities and/or equipment are not available, it may be necessary to preempt existing services to provision or restore National Security Emergency Preparedness (NSEP) Services. If, in its best judgment, the Telephone Company deems it necessary to preempt, then the Telephone Company will ensure that:

- (A) A sufficient number of public switched services are available for public use if preemption of such services is necessary to provision or restore (NSEP) Service.
- (B) The service(s) preempted have a lower or do not contain NSEP assigned priority levels.
- (C) A reasonable effort is made to notify the preempted service customer of the action to be taken.
- (D) A credit allowance for any preempted service shall be made in accordance with the provisions set forth in Section 2.4.3 (E).

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.10 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.

2.1.11 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the right to assign, designate or change telephone numbers, any other call number designations 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 in such number(s), the Telephone Company will furnish to the customer six (6) months' notice, by Certified U.S. Mail, of the effective date and an explanation of the reason(s) for such change(s).

2.2 Use2.2.1 Interference or Impairment

- (A) The characteristics and methods of operations of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this Tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.2 Use (Cont'd)2.2.1 Interference or Impairment (Cont'd)

the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.

- (B) Except as provided for equipment or systems subject to Part 68 of the F.C.C.'s Rules and Regulations (Connection of Terminal Equipment to the Telephone Network) in 47 C.F.R. 68.108 ("Incidence of harm"), if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in 2.4.3 following is not applicable.

2.2.2 Unlawful and Abusive Use

The service provided under this Tariff shall not be used for an unlawful purpose or used in an abusive manner.

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.2 Use (Cont'd)

2.2.2 Unlawful and Abusive Use (Cont'd)

Abusive use includes:

- (1) The use of the service of the Telephone Company for a call or calls, anonymous or otherwise, in a manner reasonably expected to frighten, abuse, torment, or harass another;
- (2) The use of the service in such a manner as to interfere unreasonably with the use of the service by one or more other customers.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this Tariff caused by the negligence or willful act of the customer or resulting from 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 and Theft

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.

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

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.3 Equipment Space and Power (Cont'd)

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 spaces at reasonable times for installing, testing, repairing or removing Telephone Company services.

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 McCulloh-Loop (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 2.1.7 ("Changes and Substitutions:") preceding, the customer shall be solely responsible, at its own expense, for the overall design

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.6 Design of Customer Services (Cont'd)

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 References 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.

2.3.8 Claims and Demands for Damages

- (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this Tariff, any circuit, apparatus, system or method provided by the customer.
- (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, and demands by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits,

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.8 Claims and Demands for Damages (Cont'd)

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; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.

- (C) 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.

2.3.9 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the action to be taken

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.9 Coordinations with Respect to Network Contingencies (Cont'd)

to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.10 Jurisdictional Report Requirements(A) Jurisdictional Reports

The PIUs described in (1) through (4) following are applied to usage rated Carrier Common Line, Information Surcharge, Local Switching, Tandem Switched Transport and Residual Interconnection charges. Separate PIUs are required for flat rated Entrance Facilities, Direct Trunked Transport and Multiplexers.

- (1) When a customer orders Feature Group A and/or Feature Group B Switched Access Service the customer shall, in its order, state projected interstate percentage for interstate usage for each Feature Group A and/or Feature Group B Switched Access Service group ordered. If the customer discontinues some but not all of the Feature Group A and/or Feature Group B Switched Access Services in a group, it shall provide the projected interstate percentage for such services which are discontinued.

For the purpose of preparing jurisdictional reports, interstate usage of Feature Group A and Feature Group B access shall be estimated as though every call that enters the customer's network in a state other than that where the called station is located were an interstate communication, and as though every call that enters the customer's network within the same state as that in which the called station is located were an intrastate communication.

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

- (2) Except as provided in (3) following, all Feature Group A and/or Feature Group B Switched Access Services ordered under the tariff not provided in a multiline hunt group or trunk group arrangement are apportioned by the Telephone Company between interstate and intrastate. The projected interstate percentage reported as set forth in (1) preceding will be used to make such apportionment.
- (3) For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the interstate Feature Group A and/or Feature Group B Switched Access Service(s) reported as set forth in (1) preceding will be used to determine the charge as follows:

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(3) continued

(a) For all groups the number of access minutes for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be the developed intrastate access minutes.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

- (4) When a customer orders Feature Group C or Feature Group D Switched Access Service, the Telephone Company will, unless the customer provides the projected interstate percentage for interstate usage in its order, determine the projected interstate percentage as follows. For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the Feature Group C or 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. 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 the projected interstate percentage for such terminating access minutes. 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.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

- (5) Except where Telephone Company measured access minutes are used as set forth in (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 percentage for interstate use. 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.

- (B) As a condition of providing Feature Group A and Feature Group B access without Automatic Number Identification (ANI), the Telephone Company requires that customers keep records of call detail from which the percentages of interstate and intrastate use can be ascertained. The Telephone Company shall have the right to inspect these records for purposes of verification, but not more often than once every twelve months.

## ACCESS SERVICE

SECTION 2 General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(C) Jurisdictional Verification

- 1) If a billing dispute arises or if a regulatory commission questions the projected PIU factor(s) provided by the customer, the Telephone Company may, by written request, require the customer to provide the data the customer used to determine the projected PIU factor(s). This written request will be considered the initiation of the audit. The Customer shall supply the data to an independent auditor or the Telephone Company within thirty (30) days of the Telephone Company request. The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained as set forth in (3), above, and upon request of the Telephone Company make the records available for inspection at an agreed upon location during normal business hours as reasonably necessary for purposes of verification of the percentages. The Telephone Company will audit data from one quarter unless a longer period is requested by the customer and agreed to by the Telephone Company.
- 2) If the customer does not provide the requested data to the Telephone Company or independent auditor within thirty (30) days of the notice of audit, the customer will be in violation of the Tariff and subject to the provisions specified in Section 2.1.8(A), preceding.
- 3) Audits may be conducted by: (1) the Telephone Company when the customer agrees; (2) an independent auditor under contract to the Telephone Company; (3) a mutually agreed upon independent auditor paid for equally by the customer and the Telephone Company; or (4) an independent auditor selected and paid for by the customer. If the customer selects option (4), where it pays for its own independent audit, the selected auditor must certify that the audit was performed following Commission procedures for measuring interstate traffic as established by Commission Order, and provide the Telephone Company a report with supporting documentation to verify such procedures.
- 4) Verification audits may be conducted no more frequently than once per year except in extreme circumstances. The Telephone Company and customer will attempt to limit the audit to a reasonable time to effectively complete the audit. The Telephone Company and customer shall respond promptly to requests generated during the audit to ensure timely completion of the audit.

## ACCESS SERVICE

SECTION 2 General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(C) Jurisdictional Verification (Cont'd)

5) When a PIU audit is conducted by the Telephone Company or an independent auditor under contract to the Telephone Company, the audit results will be furnished to the customer by Certified U.S. Mail. When a PIU audit is conducted by an independent auditor selected by the customer, the audit results will be furnished to the Telephone Company by Certified U.S. Mail. The Telephone Company will adjust the customer's PIU based upon the audit results. The PIU resulting from the audit shall be applied to the next current billing cycle. After that time, the customer may report revised PIU as follows:

- (a) Effective on the first of January, April, July and October of each year, the customer shall update its interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than fifteen (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 service arranged for interstate use. Such revised report will serve as the basis for the next three month's billing for determining the jurisdiction for Switched Access Services in cases where the Telephone Company does not have sufficient call detail to do so and will be effective on the bill date for that service. No prorating or back billing will be done based on the revised report. If the customer does not supply the revised 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 customer's order for service or as specified in (A)(4), above.

If the revised PIU submitted by the customer represents a deviation of 5 percentage points or more from the audited PIU, and that deviation is not due to identifiable reasons, the provisions in (C)(1), above, may be applied.

ACCESS SERVICE

SECTION 2 General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(C) Jurisdictional Verification (Cont'd)

- 6) Both credit and debit adjustments will be made to the customer's interstate access charges based on the audit results for the specified periods to accurately reflect the interstate usage for the customer's account consistent with Section 2.4.1, following.
- 7) If, as a result of an audit conducted by an independent auditor, a customer is found to have over-stated its PIU(s) by 20 percentage points or more, the Telephone Company shall require reimbursement from the customer for the cost of the audit. Such bill(s) shall be due and paid in immediately available funds within 30 days from receipt and shall carry a late payment penalty as set forth in Section 2.4.1, following, if not paid within the 30 days.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 Determination of Interstate Charges for Mixed Interstate and Intrastate Access Service

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in 2.3.10(A) 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 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 measured use times the stated tariff rate.

The interstate percentage will change as revised usage reports are submitted as set forth in 2.3.10 preceding.

When mixed interstate and intrastate Special Access Service is provided, the jurisdiction will be determined as follows:

If the customer's estimate of the interstate traffic on the service involved constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff.

If the customer's estimate of the interstate traffic on the service involved constitutes more than 10% of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this Tariff.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances2.4.1 Payment of Rates, and Charges and Deposits(A) Deposits

The Telephone Company will only require a customer that has a proven history of late payments to the Telephone Company or that does not have established credit to make a deposit as a guarantee of the payment of rates and charges. Such deposit may be required prior to establishing a service or at any time after the provision of a service to the customer.

For purposes of this section, a proven history of late payments is defined as two (2) or more occasions within the preceding twelve (12) months in which payment for undisputed charges was not received within three (3) business days following the payment due date, provided the outstanding undisputed amount of each such individual unpaid bill represented at least ten (10) percent of the total charges on that individual bill. The Telephone Company will provide notice via overnight delivery to the person designated by the customer to receive such notice of the requirement to pay a deposit. The customer will be required to make payment of such deposit prior to the provision of service in those cases where the customer has not established credit with the Telephone Company, or otherwise within fifteen (15) business days of such notice. Such notice period will start the day after the notice is sent by overnight delivery.

## ACCESS SERVICE

SECTION 2    GENERAL REGULATIONS (Cont'd)2.4    Payment Arrangements and Credit Allowances (Cont'd)2.4.1    Payment of Rates, and Charges and Deposits (Cont'd)

No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company. For new service(s) being established, such deposit will not exceed the estimated rates and charges for a two-month period. For existing service(s) such deposit will not exceed the actual rates and charges for a two-month period associated with each individual bill that met the criteria for late payments specified above. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills. At such time as the provision of the service to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. Such a deposit will be refunded or credited to the account when the customer has established credit or, in any event, after the customer has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the customer.

In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth in (B) (3) (b) (I) or in (B) (3) (b) (II) of this subsection, whichever is lower. The rate will be compounded daily for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credited to the customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, and Charges and Deposits (Cont'd)(B) Bill Dates

The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this Tariff attributable to services established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears. Resolution of billing disputes is set forth in Section 2.4.1(F) below. The bill day (i.e., the billing date of a bill for a customer for Access Service under this Tariff), the period of service each bill covers and the payment date will be as follows:

- (1) For End User Access Service, Federal Universal Service Charge, ISDN Line Ports, Digital Subscriber Line Access Service and Presubscription Service, the Telephone Company will establish a bill day each month for each end user account or advise the customer in writing of an alternate billing schedule. 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. The bill will cover End User Access Service, Federal Universal Service Charge, ISDN Line Ports and Digital Subscriber Line Access Service charges for the ensuing billing period except for End User Access Service, Federal Universal Service Charge, ISDN Line Ports and Digital Subscriber Line Access Service for the Federal Government which will be billed in arrears. Any applicable Presubscription Charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service, Federal Universal Service Charge, ISDN Line Ports, Digital Subscriber Line Access Service and Presubscription Service will be applied to this bill. Such bills are due when rendered.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, and Charges and Deposits (Cont'd)

- (2) For Service other than End User Access Service, Federal Universal Service Charge, ISDN Line Ports, Digital Subscriber Line Access Service, and presubscription service the Telephone Company will establish a bill day each month for each customer account or advise the customer in writing of an alternate billing schedule. 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. The bill will cover non-usage sensitive service charges for the ensuing billing period, any known unbilled non-usage sensitive charges for prior periods and unbilled usage charges for the period from the most recent bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date as set forth in (3) following in immediately available funds, a late payment will apply as set forth in (3) following.
- (3) (a) All bills dated as set forth in (2) preceding for service, other than End User Service, Federal Universal Service Charge, ISDN Line Ports, Digital Subscriber Line Access Service, and prescription service, provided to the customer by the Telephone Company are due 31 days (payment date) 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 the 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 of the customer must be accompanied with proof of late bill receipt. If such payment date

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, and Charges and Deposits (Cont'd)

would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

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) Further, if no payment is received by the Telephone Company by the payment date as set forth in (a) preceding, or if any portion of the payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the payment or the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:

- (i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or
- (ii) 0.000590 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, and Charges and Deposits (Cont'd)

- (C) Penalty interest on the refund will be paid to the customer from the date of the overpayment to and including the date on which the refund is made to the customer. Refunds will be made by crediting the customer's account

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont.)2.4 Payment Arrangements and Credit Allowances (Cont.)2.4.1 Payment of Rates, and Charges and Deposits (Cont.)

- (D) Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this Tariff will be prorated to the number of days or major fraction of days based on a 30-day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- (E) 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).
- (F) Billing Disputes
  - (1) A good faith dispute requires the customer to provide a written claim to the Telephone Company. Such claim must identify in detail the basis for the dispute and it must identify the account number under which the bill has been rendered, the date of the bill, and the specific items on the bill being disputed to permit the Telephone Company to investigate the merits of the dispute. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the customer's bill. Carrier access billing disputes should be formally submitted to the following:

“CABS.DISPUTE@CONSOLIDATED.COM”
  - (2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required in (F)(1), above.
  - (3) The date of resolution is the date the Telephone Company completes its investigation, provides written notice to the customer regarding the disposition of the claim, i.e., resolved in favor of the customer or resolved in favor of the Telephone Company, and credits the customer's account, if applicable.
  - (4) In the event that a billing dispute concerning any charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (B)(3), above.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont.)2.4 Payment Arrangements and Credit Allowances (Cont.)2.4.1 Payment of Rates, and Charges and Deposits (Cont.)

## (F) Billing Disputes (Cont.)

- (5) If the customer disputes the bill on or before the payment date, any late payment charge for the disputed amount will not start until 10 days after the payment date. If the billing dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the undisputed amount and the disputed amount), the Telephone Company will refund any overpayment it determines has been made by a customer. In addition, the Telephone Company will pay to the customer penalty interest on the overpayment.
- (6) If the customer pays the bill in full by the payment due date, and later initiates a billing dispute within ninety (90) days of the payment due date, penalty interest may be applicable.
  - (a) If the billing dispute is resolved in favor of the customer, the customer shall receive a credit from the Telephone Company. This credit will be an amount equal to the disputed amount resolved in the customer's favor times a penalty factor. This amount will apply from the date of the customer's payment through the date on which the customer receives the disputed amount credit from the Telephone Company. The penalty factor shall be the lesser of:
    - (i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont.)2.4 Payment Arrangements and Credit Allowances (Cont.)2.4.1 Payment of Rates, and Charges and Deposits (Cont.)

## (F) Billing Disputes (Cont.)

- (ii) 0.000590 per day, compounded daily for the number of days from the first date to and including the last date of the period involved.
  - (b) If the dispute is resolved in favor of the Telephone Company, neither a late payment charge nor a penalty interest charge is applicable.
- 7) When the customer pays the bill in full by the payment due date, and later initiates a billing dispute after (90) days of the payment due date, penalty interest may be applicable.
- (a) If the billing dispute is resolved in favor of the customer, the customer shall receive a credit from the Telephone Company. This credit will be an amount equal to the disputed amount resolved in the customer's favor times a penalty factor. This amount will apply from the date of (the dispute through the date on which the customer receives the disputed amount credit from the Telephone Company. The penalty factor shall be the lesser of:
    - (i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or
    - (ii) 0.000590 per day, compounded daily for the number of days from the first date to and including the last date of the period involved.
  - (b) If the dispute is resolved in favor of the Telephone Company, neither a late payment charge nor a penalty interest charge is applicable.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except as otherwise noted in the applicable sections of this Tariff.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

- (A) When a service with a one-month minimum period is discontinued prior to the expiration of the minimum period, a one-month charge will apply at the rate level in effect at the time service is discontinued.
- (B) 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, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (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 a facility component 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 or when the service is preempted as a result of invoking NSEP treatment. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

For the purposes of administering the following regulations, a major fraction shall mean more than half of the incremental credit period using the unit of time in which the service interruption is measured, i.e., 30 minutes, 24 hours, or 54 minutes. For example, a major fraction for a 30-minute period equals 16 minutes, a major fraction for a 24-hour period equals 12 hours and one minute, and a major fraction for 5-minute period equals 2 minutes and thirty-one seconds.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(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, 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 minimum monthly usage charge for each period of 24 hours or major fraction thereof that the interruption continues. However, no credit allowance will be given when the actual usage charge exceeds the minimum monthly usage charge in any one monthly billing period.
- (2) For Special Access Service other than Program Audio, and for flat rated Switched Access Service rate 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 thereof that the interruption continues. The monthly charges used to determine the credit shall be as follows:

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

(a) For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two channel terminations, channel mileage and optional features and functions).

(b) For multipoint services, the monthly charge shall be only the total of all the monthly rate element charges associated with that portion of the service that is inoperative (i.e., a channel termination per customer premises, channel mileage and optional features and functions).

(c) Multiplexed Services

For multiplexed services, the monthly charge 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, 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

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Credit Allowance for Service Interruptions (Cont'd)

(c) Multiplexed Services (Cont'd)

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, Direct Trunked Transport, and optional features and functions).

(d) Flat rated Switched Access rate elements

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

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

- (3) For Program Audio Special Access Services, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:
  - (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or major fraction thereof that interruption continues.
  - (c) For multipoint services, when monthly rates are applicable, the credit shall be

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

(3) (Cont'd)

(c) (Cont'd)

at the rate of 1/8640 of the monthly charges for each channel termination, channel mileage, and optional features and functions that is inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

(d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for channel termination, channel mileage, and optional features and functions that is inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

(e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.

(f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.

(4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(4) (Cont'd)

the monthly rate for the service interrupted in any one monthly billing period.

- (5) For Digital Data Access Service, any period during which the error performance is below that specified for the service will be considered as an interruption.

(C) When 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.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(C) When Credit Allowance Does Not Apply (Cont'd)

- (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 an order for a change in the service during the time that was negotiated with the customer prior to the release of that service. Thereafter, a credit allowance as set forth in (B) preceding applies.
- (5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in the Telephone Company's Tariff F.C.C. NO. 3 for Special Construction. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.
- (6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Credit Allowance for Service Interruptions (Cont'd)(C) When Credit Allowance Does Not Apply (Cont'd)

- (7) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

(D) Use of an Alternative Service Provided by the Telephone Company

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

(E) Temporary Surrender of a Service

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, or in the instance of preemption under NSEP treatment as set forth in section 2.1.9 preceding, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or major fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Reestablishment of Service Following Fire, Flood or Other Occurrence(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the reestablishment of service following 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 fire, flood or other occurrence.
- (2) The service is for the same customer.
- (3) The service is at the same location on the same premises.
- (4) The reestablishment of service begins within 60 days after Telephone Company service is available. (The 60-day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period.)

(B) Nonrecurring Charges Apply

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

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.5 Title or Ownership Rights

The payment of rates and charges by customer for the services offered under the provisions of this Tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved

The Telephone Companies will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company is involved in the provision of Access Service as set forth in (A) and (B) following. The choice of the billing option shall be based on the interconnection arrangements between the Exchange Telephone Companies involved. The Telephone Company will notify the customer which option will apply when the customer orders Access Service. The Telephone Company will also notify the customer of: (1) the Telephone Company(s) that will render the bill(s), (2) the Telephone Company(s) to whom payment(s) should be remitted, and (3) the Telephone Company(s) that will provide the bill inquiry function. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any changes. The Telephone Company that renders the bill -- the Bill Rendering Telephone Company -- will include on the access service bill, based upon Industry Standards, cross reference(s) to the other Telephone Company(s) service and the common circuit identifiers. Should a billing dispute arise, the terms and conditions of the Bill Rendering Telephone Company will apply.

(A) Single Bill Option

When an Access Service is ordered by a customer where one end of the Switched Access Service Local Transport or Special Access Service Channel Mileage is in one Exchange Telephone Company operating territory and the other

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(A) Single Bill Option (Cont'd)

end is in another Exchange Telephone company operating territory, except for Access Services provided with the use of hubs, the Exchange Telephone Company in whose operating territory the customer's end user is located will accept the order for the Access Service from the customer except for Switched Access Services ordered on a per line or per trunk basis. The Exchange Telephone Company in whose territory the first point of switching is located will accept the Order for Feature Group A, B and D Switched Access Services ordered in lines or trunks. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff or the Access Service tariffs of all Exchange Carriers providing the service.

When an Access Service provided with the use of a hub is ordered by a customer, the Exchange Telephone Company in whose territory the hub is located will accept the order for the Access Service from the customer. That Exchange Telephone Company will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff or the Access Service tariffs of all Exchange Carriers providing the service.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(A) Single Bill Option (Cont'd)

The Single Bill Option allows the customer to receive one bill from the Telephone Company for access services. The Single Bill will consist of all rate elements applicable to access service(s) billed on one statement of charges under one billing account. There are three variations of this option as listed in (1) through (3) below.

(1) Single Bill/Multiple Tariff

Under this variation, the Telephone Company prepares a single access bill with each Exchange Carrier's charges separately identified. This will require the Telephone Company to administer the applicable tariff rates for all Exchange Carriers involved in the provision of the access service(s).

(2) Single Bill/Pass Through Billing

This variation allows each Exchange Carrier involved to prepare its own bill for its portion of the access service and forward the bill to the Telephone Company. The Telephone Company would then combine the various Exchange Carrier's bills into one access bill.

(3) Single Bill/Single Tariff

When rendering billing under this variation, the Telephone Company will file a rate structure and rates based upon its costs, including the cost-based tariff charges of the other Exchange Carriers. The Telephone Company will bill the customer for entire access service(s).

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(A) Single Bill Option (Cont'd)

For variations (1) and (2) listed above, each Exchange Telephone Company's charge for its Switched Access Service Local Transport or Special Access Channel Mileage will be the product of (1) the Exchange Telephone Company's Local Transport or Channel Mileage rate times the airline mileage measured between the two Telephone Company premises (end office, access tandem, or servicing wire centers), (2) the number of access minutes of use or number of Toll-Free Database Queries (in the case of Switched Access Service), (3) the billing percent (BP) for each Telephone Company, as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 3, which represents the portion of the service provided by each Telephone Company.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(B) Multiple-Bill/Multiple-Tariff Billing Option

When an Access Service is ordered by a customer where one end of the Switched Access Service Local Transport or Special Access Service Channel Mileage is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, each involved Exchange Telephone Company will accept the order for the Access Service from the customer. Each Exchange Telephone Company will provide its portion of the Switched Access Service Local Transport or Special Access Channel Mileage in its operating territory. Each Exchange Telephone Company will determine the charges involved for its portion of the Access Service ordered and will bill such charges in accordance with its Access Service tariff. Where the premises of the ordering customer and at least one other customer premises involved in the order is in a different operating territory, the mileage used to determine the Switched Access Service Local Transport or Special Access Channel Mileage will be the airline mileage measured from the Telephone Company premises for one end of the Switched Access Service Local Transport or Special Access Channel Mileage in the Exchange Telephone Company operating territory to the Telephone Company premises for the other end of the Switched Access Service Local Transport or Special Access Channel Mileage in the other Exchange Telephone Company operating territory.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(B) Multiple-Bill/Multiple-Tariff Billing Option (Cont'd)

Each Exchange Telephone Company's charge for the Switched Access Service Local Transport or Special Access Channel Mileage will be the product of (1) the Exchange Telephone Company's Local Transport or Channel Mileage rate times the airline mileage measured between the two Telephone Company premises (end office, access tandem, or serving wire centers), (2) the number of access minutes of use (in the case of Switched Access Service), (3) the billing percent (BP) for each Telephone Company, as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 3, which represents the portion of the service provided by each Telephone Company.

The Exchange Telephone Company providing the Service Switching Points (SSP) will bill the Toll-Free Data Base Query Charge.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved (Cont'd)(C) Nondistance Sensitive Rate Applications

The application of nondistance sensitive rate elements varies according to the rate structure and the location of the facilities involved:

- (1) When rates and charges are listed on a per point of termination basis, each company's rates will be billed for the termination(s) within its operating territory. This includes the non-recurring charges for Special Access.
- (2) When rates and charges are listed on a per unit basis, e.g., central office bridging or multiplexing, each company's rates and charges will apply for units located in its operating territory. This includes any associated non-recurring charges for Special Access Service.
- (3) When rates and charges are listed on a per service basis, each company's rates and charges will be multiplied by the billing percent referenced in 2.4.6(B) preceding to determine the charges to be billed. This includes the Local Transport Installation Charge for Switched Access Service.
- (4) For intermediate companies not terminating an end of the service, transport termination charges will not apply



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.7 Connecting Company Agreements

The method of billing for access service is determined through negotiations between the Telephone Company and each of its connecting Exchange Telephone Companies. The following Matrix indicates the arrangements established as of the effective date shown. Any deviations or revisions developed in subsequent negotiations will be reflected in a tariff filing. In some instances, the Multiple Bill/Multiple Tariff Billing Option is the agreed to option between the Initial Billing Company and the Subsequent Billing Company. However, in the event an agreement cannot be reached among Exchange Telephone Companies, the Multiple-Bill/Multiple Tariff Billing Option will be utilized.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.7 Connecting Company Agreements (Cont'd)Matrix Representing Meet Point Billing Arrangements

Bill Option	Multiple Bill- <u>Multiple Tariff</u>	<u>Single Bill</u>		
		<u>Single Tariff</u>	<u>Pass Through Billing</u>	<u>Multiple Tariff</u>
A.	When Illinois Consolidated Telephone Company is the Initial Billing Company			
	Connecting Co:			
	General Te.	All		
	IBT	All		
B.	When Illinois Consolidated Telephone Company is the Subsequent Billing Company			
	Connecting Co:			
	Alltel	All		
	Contel	All		
	Lakeside	All		
	Midland	All		
	Montrose	All		
	All	=	All Access Services	
	SW	=	Switched Access	
	FAC	=	Facility Access (Special Access and/or Flat Rated Switched)	

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.5 Connections

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications 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 2.1 ("Undertaking of the Telephone Company") and 2.2 ("Use") preceding.

2.6 Definitions

Certain definitions included in Exchange Carrier Association Tariff F.C.C. No. 1 have been deleted as not being relevant to this Tariff. Terms used herein are defined as follows:

Access Minutes

The term "Access Minutes" denotes that 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.

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Access Tandem (Cont'd)

for originating or terminating traffic between end offices and a customer's premise.

Aggregator

The term "Aggregator" denotes any individual, partnership, association, joint-stock company, trust or corporation that, in the ordinary course of its operation, 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 term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination for terminating calls to the exchange as an indication that the called party has answered or disconnected.

Attenuation Distortion

The term "Attenuation Distortion: denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Automatic Number Identification (ANI)

The term "Automatic Number Identification" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Business Day

The term "Business Day" denotes the time of day that a company is open for business. This is 8 a.m. to 5 p.m., with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week.

ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Busy Hour Minutes of Capacity (BHMC)

The term "Busy Hour Minutes of Capacity (BHMC)" denotes 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 Feature Group ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Busy Hour Minutes of Capacity (BHMC) (Cont'd)

determine the number of transmission paths for the Feature Group ordered.

CCS

The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Calling Party Number (CPN)

The term "Calling Party Number" denotes the SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party.

Carrier or Common Carrier

See Interexchange Carrier.

Central Office

The term "Central Office" denotes 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.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the 7-digit telephone number assigned to a customer's Telephone Exchange Service when dialed on a local basis.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Channel(s)

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic bases transmission systems, communications path between two or more points of termination.

Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

Charge Number (CN)

The term "Charge Number" denotes the SS7 signaling parameter that identifies the billing telephone number of the calling party.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-Message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the C-Message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Coin Station (Cont'd)

communications and pay the applicable charges by inserting coins into the equipment.

Commission

The term "Commission" denotes the regulatory body having jurisdiction over the Telephone Company services offered within this tariff.

Common Line

The term "Common line-residence" denotes a line or trunk provided under the resident regulations of the general and/or local exchange service tariffs. The term "Common line-business" denotes a line provided under the business regulations of the general and/or service tariffs.

Communications System

The term "Communications System" denotes facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, governmental entity or other entity which subscribes to the services offered under this Tariff, including but not limited to End Users, Interexchange Carriers (IC) and other telecommunications carriers or providers originating or terminating Toll VoIP-PSTN Traffic.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Decibel (db)

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

Decibel Reference Noise C-Message Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone or 90db below 1 milliwatt.

Decibel Reference Noise C-Message Referenced to 0

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

Detail Billing

The term "Detail Billing" denotes 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.

Directory Assistance

The term "Directory Assistance" denotes the provision of telephone numbers by an operator when the operator location is accessed by a customer by dialing (NPA) 555-1212.

## ACCESS SERVICE

SECTION 2    GENERAL REGULATIONS    Cont'd)2.6    Definitions (Cont'd)Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signals at a 4-wire point of termination without regard to the send and receive Transmission Level Point.

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz), where talker echo is most annoying.

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a facility. 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). Effective 4-wire facilities may be terminated with a 2-wire interface at the customer's premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the 2-wire interface combines the transmission paths into a single path.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous transmission in both directions over a facility, but it is not possible to ensure independent information transmission in both directions. Effective 4-wire facilities may be terminated with 2-wire or 4-wire interfaces.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. Included are Remote Switching modules and Remote Switching Systems service by a host office in a different wire center.

End User

The term "End User" denotes any customer of an interstate or foreign telecommunications service that is not a carrier except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

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 premises.

Entry Switch

See First Point of Switching.

Envelope Delay Distortion (EDD)

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Equal Level Echo Path Loss (ELEPL)

The term "Equal Level Echo Path Loss" denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP.) [ELEPL = EPL - TLP (send) + TLP (receive)].

Exchange

The term "Exchange" denotes 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. One or more designated exchanges comprise a given local access and transport area.

Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from a premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to a premises.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Grandfathered

The term "Grandfathered" denotes terminal equipment, multi-line terminating systems, and protective circuitry directly connected to the facilities utilized to provide services under the provisions of this Tariff, and which are considered grandfathered under Part 68 (Connection of Terminal Equipment to the Telephone Network) of the F.C.C.'s Rules and Regulations.

Host Office

The term "Host Office" denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which 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.

Impedance Balance

The term "Impedance Balance" denotes the methods of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gain and/or loss of the 4-wire portion of the transmission path, including the hybrid, are not included in the specification.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

Individual Case Basis

The term "individual Case Basis" denotes that rates will be developed, based on the circumstances in each case, at such time as the service is ordered by the customer.

Initial Billing Company

The term "Initial Billing Company" denotes the Exchange Carrier in whose territory the Feature Group B,C or D end office is located. The Initial Billing Company calculates the access minutes to be billed to the customer by the Exchange Carriers.

Interexchange Carrier or Interexchange Common Carrier

The terms "Interexchange Carrier" or "Interexchange Common Carrier" denote 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.

Internet Protocol (IP) Signaling

The term "Internet Protocol Signaling" denotes a packet data-oriented protocol used for communicating call signaling information.

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved

## ACCESS SERVICE

SECTION 2     GENERAL REGULATIONS (Cont'd)2.6     Definitions (Cont'd)Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes 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.

Local Number Portability (LNP)

The term "Local Number Portability (LNP)" denotes the ability of an end user of local exchange telecommunications service to retain an existing telephone number without impairment of quality, reliability, or convenience when switching from one local exchange telecommunications carrier to another.

Location Routing Number (LRN)

The term "Location Routing Number (LRN)" denotes a unique NPA-NXX-XXXX that serves as a routing number associated with a central office switch that has subscribers that have transferred their telephone numbers from one local exchange telecommunications carrier to another.

Loop Around Test Line

The term "Loop Around Test Line" denotes 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.

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Message

See "Call."

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Multi-Frequency (MF) Signaling

The term "Multi-Frequency Signaling" denotes a in-band signaling method in which call signaling information is transmitted between network switches using the same voiceband channel used for voice.

National Security Emergency Preparedness (NSEP) Services

The term "National Security Emergency Preparedness (NSEP) Services" denotes telecommunications services which are used to maintain a state of readiness or to respond to and manage any event or crisis (Local, national or international), which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the NSEP posture of the United States.

NSEP Treatment

The term "NSEP Treatment" denotes the provisioning of a telecommunications service before others based on the provisioning priority level assigned by the Executive Office of the President.



## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Network Control Signaling

The term "Network Control Signaling" denotes 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 identification, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office (CO) code plus a four-digit station number.

Off-Hook

The term "Off-Hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

On-Hook

The term "On-Hook" denotes the idle condition of Switched Access or a Telephone Exchange Service Line.

Originating Direction

The term "Originating Direction" denotes the use of access service for the origination of calls from an End User premises to a customer premises.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS Cont'd)2.6 Definitions (Cont'd)Pay Telephone

The term "Pay Telephone" denotes a coin or coinless instrument provided in a public or semipublic place where Payphone Service Provider customers can originate telephonic communications and pay the applicable charges by (1) inserting coins into the equipment, or (2) using a credit card, or (3) third party billing the call or (4) calling collect.

Payphone Service Provider

The term "Payphone Service Provider" denotes an entity that provides pay telephone service, which is the provision of public, semi-public or inmate pay telephone service.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

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

Premises

The term "Premises" denotes a building or buildings on continuous property (except railroad rights-of-way, etc.) not separated by a public highway.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment (CPE) which complies with and has been approved within the provisions of Part 68 of the F.C.C.'s Rules and Regulations (Connection of Terminal Equipment to the Telephone Network).

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes 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.

Remote Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

Service Control Points (SCP)

The real-time data base systems in the Toll-Free Data Base Service network that contain instructions on how subscribers wish their calls to be routed, or otherwise processed.

Service Switching Points (SSP).

The computerized switches in the telephone network that distinguish dialed Toll-Free calls from ordinary telephone calls, and then communicate with SCPs for information on how the Toll-Free calls should be routed (See Service Control Points).

Signal-to-C-Notched Noise Ratio

The term "Signal Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

Subsequent Billing Company(s)

The term "Subsequent Billing Company" denotes the Exchange Company in whose territory a segment of local transport is provided and/or the Interexchange Carrier's POP is located.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Symmetric Digital Subscriber Line (SDSL)

The term "Symmetric Digital Subscriber Line (SDSL)" denotes an access technology that allows high speed data to be sent over local exchange service copper facilities. SDSL supports the transmission of data signals at the same speed when receiving data (downstream rate) and transmitting data (upstream rate).

Tandem Switched Transport

The term "Tandem Switched Transport" denotes transport from the serving wire center to the end office that is switched at a tandem.

Telecommunications Services Priority (TSP) System

The term "Telecommunications Service Priority (TSP) System" or "TSP System" refers to the regulatory, administrative and operational system authorizing and providing for priority treatment

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an End User premises.

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denote a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Transmission Path

The term "Transmission Path" denotes 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 3000 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

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Group

The term "Trunk Group" denotes 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 term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

2-Wire to 4-Wire Conversion

The term "2-Wire to 4-Wire Conversion" denotes an arrangement which converts a 4-wire transmission path to a 2-wire

## ACCESS SERVICE

SECTION 2 GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)2-Wire to 4-Wire Conversion (Cont'd)

transmission path to allow a 4-wire facility to terminate in a 2-wire entity (e.g., a central office switch).

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical (V) and horizontal (H) 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

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

## ACCESS SERVICE

## SECTION 3. FEDERAL UNIVERSAL SERVICE CHARGE, ISDN LINE PORTS AND DS1 LINE PORTS

## 3.1 General Description

The Federal Universal Service Charge (FUSC) recovers the Telephone Company's contribution to various federal universal service funds.

FUSC will be billed by only those Telephone Companies contributing to the universal service funds. The Telephone Company will apply a surcharge factor each month to the billed charges for interstate access services provided to end users from this Tariff. FUSC will not apply to any billed charges for an end user when the interstate access service provided to the end user qualifies under the federal universal service guidelines for Lifeline Assistance. FUSC will not apply to interstate access services purchased by customers that resell these services to end users as part of an interstate telecommunications service and are required to contribute to the various federal universal service funds. In case of a dispute regarding whether the customer is reselling services and contributing to the various federal universal service funds, the Telephone Company may request a signed certification to that effect from the customer.

## 3.2 Regulations, Rates and Charges

The Telephone Company will bill FUSC each month as described below. The FUSC Surcharge Factor is set forth below.

## (A) FUSC Surcharge Factor

The Telephone Company will multiply the FUSC Surcharge Factor listed below against the end user's billed interstate access services charges.

	<u>Percentage</u>	
FUSC Surcharge Factor	17.4%	(I)

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## ACCESS SERVICE

SECTION 3. FEDERAL UNIVERSAL SERVICE CHARGE, ISDN LINE PORTS AND DS1  
LINE PORTS (CONT'D)

## 3.2 ISDN Line Ports

When an end user is provided Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) and/or ISDN Primary Rate Interface (PRI) local exchange service by the Telephone Company under the general or local exchange tariff, ISDN Line Port rates apply. ISDN Line Port rates recover the costs of ISDN line ports to the extent these costs exceed the cost of a line port used for basic, analog service. When an end user temporarily suspends its local exchange service that is associated with ISDN BRI and/or ISDN PRI, one half of the ISDN Line Port rate per month will be temporarily suspended for the time period the local exchange service is suspended.

## 3.2.1 Rate Application

The monthly rate applies to each ISDN service arrangement ordered from the Telephone Company's general or local exchange tariff, as described below.

- The ISDN BRI Line Port rate applies to each ISDN BRI arrangement.
- The ISDN PRI Line Port rate applies to each ISDN PRI arrangement.

## 3.2.2 Rates

<u>ISDN Line Ports</u>		<u>Monthly Rates</u>
(A)	ISDN BRI Line Port	
	- per arrangement	\$2.23
(B)	ISDN PRI Line Port	\$23.51



## ACCESS SERVICE

SECTION 3. FEDERAL UNIVERSAL SERVICE CHARGE, ISDN LINE PORTS AND DS1  
LINE PORTS (CONT'D)

## 3.3 DS1 Line Port

When an end user is provided a DS1 (1.544 Mbps) local exchange service by the Telephone Company under the general and/or local exchange tariff(s), and where the end user provides the terminating channelization equipment, a DS1 Line Port rate will apply. The DS1 Line Port rate recovers the line port costs of the DS1 channel service to the extent these costs exceed the cost of a line port used for basic, analog service.

When an end user temporarily suspends its local exchange service that is associated with DS1 channel service, one-half of the DS1 Line Port rate per month will be temporarily suspended for the time period the local exchange service is suspended.

## 3.3.1 Rate Application

The DS1 Line Port rate is set forth below. This monthly rate applies to each DS1 (1.544 Mbps) channel service ordered from the Telephone Company's general and/or local exchange tariff, where the end user provides the terminating channelization equipment.

## 3.3.2 Rates

<u>DS1 Line Port</u>	<u>Monthly Rates</u>
(A) DS1 Line Port	
- per DS1 (1.544 MBps)	
Channel Service	\$23.51

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE

The Telephone Company will provide End User Access Service (End User Access) to end users who obtain local exchange service from the Telephone Company under its general and/or local exchange tariffs. End User Access Service consists of End User Common Line (EUCL) charges and Access Recovery Charges (ARC).

4.1 General Description: End User Access Service

End User Access Service as described in this section relates to EUCL and ARC to provide for the use of an end user common line by an end user.

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.

4.3 Undertaking of the Telephone Company

The Telephone Company will provide use of an End User Access Line and at rates and charges as set forth in 4.6 following, as follows:

- (A) Use of an EUCL, by an end user in connection with interstate Access Services provided under this Tariff. Such use will be provided when the end user obtains local exchange service.
- (B) Access Recovery Charge (ARC)

The ARC is assessed when an end user or reseller obtains local exchange service from the Telephone Company, and is a per month rate that is assessed to the end user or reseller of the associated local exchange service.

- (C) The Telephone Company will be responsible for the billing of End User Access charges.

ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)

4.4 Payment Arrangements and Credit Allowances

(A) Minimum Period

The minimum period for which End User Access is provided to an end user and for which charges are applicable is the same as that in the general and/or local exchange tariffs for the associated local exchange service.

(B) Cancellation of Application

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

(C) Changes to Orders

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

ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)

4.4 Payment Arrangements and Credit Allowances (Cont'd)

(D) Allowance for Interruptions

When there is an interruption to a common line, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions in Section 2.4.3 preceding.

(E) Temporary Suspension of Service

When an end user temporarily suspends its local exchange service which is associated with a common line, one-half of the monthly end user access charges will be temporarily suspended for the time period the local exchange service is suspended.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.5 Rate Regulations

- (A) EUCL and ARC per month charges will be billed to the end user of the associated local exchange service.
- (B) For each local exchange service provided as Remote Call Forwarding residential or business service, under the local exchange service tariff, EUCL and ARC charges do not apply.
- (C) EUCL and ARC residential rates, as set forth in 4.6 following, apply when residential service under the local exchange service tariff is associated with the EUCL.
- (D) EUCL and ARC business rates, as set forth in 4.6 following, apply for use of all other EUCLs.
- (E) The EUCL and ARC for residential and multi-party subscribers shall be assessed as if such subscriber had subscribed to single-party service.
- (F) When a business end user is provided more than one local exchange service in a state by the Telephone Company, the EUCL and ARC Multiline Business Subscribers - Individual line or trunk rate as set forth in 4.6 following applies to each such local exchange service.

The EUCL and ARC multi-line business rate will be assessed when a Payphone Service Provider obtains an exchange service line for the purposes of offering pay telephone service.

- (G) 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 requiring verification and approval by the FCC as provided for in Paragraph 69.104(k) of Part 69 of the FCC Rules and Regulations, the EUCL and ARC Residence-Individual line or trunk rate as set forth in 4.6(A) following shall be reduced. The End User Common Line and ARC charges 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 residential End User Access Charges.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.6 Rates and Charges

(A) The rates for End User Access are:

- (1)
- End User Common Line (EUCL)
- Residence and Single Line Business Subscriber

Rate Per Month

- Individual line or trunk, each \$ 6.50

- (2)
- End User Common Line (EUCL)
- Multiline Business Subscriber

Rate Per Month

- Individual line or trunk, each \$ 9.20

Rate Per Month(B) Access Recovery Charge (ARC)

- |     |  |                        |
|-----|--|------------------------|
| (1) | Residence, Non-Primary Residence,<br>and ISDN BRI                              | - See Following chart* |
| (2) | Single Line Business (SLB) and ISDN BRI<br>- Individual line or trunk, each    | - See Following chart* |
| (3) | Multi-Line Business (MLB), ISDN PRI, Centrex<br>- Per Individual line or trunk | - See Following chart* |

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.6 Rates and Charges (Cont'd)(B) Access Recovery Charge (ARC) (Cont'd)

<b>Exchange</b>	<b>Res ARC</b>		<b>SLB ARC</b>		<b>MLB ARC</b>	
Arcola Rural	\$0.00		\$2.50(I)		\$3.00	
Arcola Urban	\$0.00		\$2.50(I)		\$3.00	
Arthur Rural	\$0.00		\$2.50(I)		\$3.00	
Arthur Urban	\$0.00		\$2.50(I)		\$3.00	
Ashmore Rural	\$0.00		\$2.50(I)		\$3.00	
Ashmore Urban	\$0.00		\$2.50(I)		\$3.00	
Assumption Rural	\$0.00		\$2.50(I)		\$3.00	
Assumption Urban	\$0.00		\$2.50(I)		\$3.00	
Atwood Rural	\$0.00		\$2.50(I)		\$3.00	
Atwood Urban	\$0.00		\$2.50(I)		\$3.00	
Blue Mound Rural	\$0.00		\$2.50(I)		\$3.00	
Blue Mound Urban	\$0.00		\$2.50(I)		\$3.00	
Charleston Rural	\$0.00		\$2.50(I)		\$3.00	
Charleston Urban	\$0.00		\$2.50(I)		\$3.00	
Cowden Rural	\$0.00		\$2.50(I)		\$3.00	
Cowden Urban	\$0.00		\$2.50(I)		\$3.00	
Edinburg Rural	\$0.00		\$2.50(I)		\$3.00	
Edinburg Urban	\$0.00		\$2.50(I)		\$3.00	
Effingham Rural	\$0.00		\$2.50(I)		\$3.00	
Effingham Urban	\$0.00		\$2.50(I)		\$3.00	
Farmersville Rural	\$0.00		\$2.50(I)		\$3.00	
Farmersville Urban	\$0.00		\$2.50(I)		\$3.00	
Gays Rural	\$0.00		\$2.50(I)		\$3.00	
Gays Urban	\$0.00		\$2.50(I)		\$3.00	
Hillsboro Rural	\$0.00		\$2.50(I)		\$3.00	
Hillsboro Urban	\$0.00		\$2.50(I)		\$3.00	
Humboldt Rural	\$0.00		\$2.50(I)		\$3.00	
Humboldt Urban	\$0.00		\$2.50(I)		\$3.00	
Irving Rural	\$0.00		\$2.50(I)		\$3.00	
Irving Urban	\$0.00		\$2.50(I)		\$3.00	

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## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.6 Rates and Charges (Cont'd)(B) Access Recovery Charge (ARC) (Cont'd)

<b>Exchange</b>	<b>Res ARC</b>		<b>SLB ARC</b>		<b>MLB ARC</b>	
Kincaid Rural	\$0.00		\$2.50(I)		\$3.00	
Kincaid Urban	\$0.00		\$2.50(I)		\$3.00	
Litchfield Rural	\$0.00		\$2.50(I)		\$3.00	
Litchfield Urban	\$0.00		\$2.50(I)		\$3.00	
Mattoon Rural	\$0.00		\$2.50(I)		\$3.00	
Mattoon Urban	\$0.00		\$2.50(I)		\$3.00	
Morrisonville Rural	\$0.00		\$2.50(I)		\$3.00	
Morrisonville Urban	\$0.00		\$2.50(I)		\$3.00	
Mt. Auburn Rural	\$0.00		\$2.50(I)		\$3.00	
Mt. Auburn Urban	\$0.00		\$2.50(I)		\$3.00	
Nokomis Rural	\$0.00		\$2.50(I)		\$3.00	
Nokomis Urban	\$0.00		\$2.50(I)		\$3.00	
Oakland Rural	\$0.00		\$2.50(I)		\$3.00	
Oakland Urban	\$0.00		\$2.50(I)		\$3.00	
Owaneco Rural	\$0.00		\$2.50(I)		\$3.00	
Owaneco Urban	\$0.00		\$2.50(I)		\$3.00	
Pana Rural	\$0.00		\$2.50(I)		\$3.00	
Pana Urban	\$0.00		\$2.50(I)		\$3.00	
Raymond Rural	\$0.00		\$2.50(I)		\$3.00	
Raymond Urban	\$0.00		\$2.50(I)		\$3.00	
Shelbyville Rural	\$0.00		\$2.50(I)		\$3.00	
Shelbyville Urban	\$0.00		\$2.50(I)		\$3.00	
Sigel Rural	\$0.00		\$2.50(I)		\$3.00	
Sigel Urban	\$0.00		\$2.50(I)		\$3.00	
Stewardson Rural	\$0.00		\$2.50(I)		\$3.00	
Stewardson Urban	\$0.00		\$2.50(I)		\$3.00	
Stonington Rural	\$0.00		\$2.50(I)		\$3.00	
Stonington Urban	\$0.00		\$2.50(I)		\$3.00	
Strasburg Rural	\$0.00		\$2.50(I)		\$3.00	
Strasburg Urban	\$0.00		\$2.50(I)		\$3.00	

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## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.6 Rates and Charges (Cont'd)(B) Access Recovery Charge (ARC) (Cont'd)

<b>Exchange</b>	<b>Res ARC</b>		<b>SLB ARC</b>		<b>MLB ARC</b>	
Taylorville Rural	\$0.00		\$2.50(I)		\$3.00	
Taylorville Urban	\$0.00		\$2.50(I)		\$3.00	
Tower Hill Rural	\$0.00		\$2.50(I)		\$3.00	
Tower Hill Urban	\$0.00		\$2.50(I)		\$3.00	
Westervelt Rural	\$0.00		\$2.50(I)		\$3.00	
Westervelt Urban	\$0.00		\$2.50(I)		\$3.00	
Windsor Rural	\$0.00		\$2.50(I)		\$3.00	
Windsor Urban	\$0.00		\$2.50(I)		\$3.00	
Witt Rural	\$0.00		\$2.50(I)		\$3.00	
Witt Urban	\$0.00		\$2.50(I)		\$3.00	

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## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Services

Presubscription is furnished in accordance with the detailed provisions of the Federal Communications Commission's Memorandum Opinion and Order, CC Docket No. 83-1145, Phase I, adopted May 31, 1985, and released June 12, 1985. The Allocation Plan, outlines in Appendix B of this Order, will be available for inspection in the Public Reference Room of the Tariff Division at the Federal Communications Commission's Washington, D.C., location or may be obtained from the Commission's commercial contractor.

Principal provisions of the allocation plan are as follows:

- (A) Presubscription is the process by which end user customers may select and designate to the Telephone Company an interexchange carrier to access, without an access code, for interLATA, interstate calls. This interexchange carrier is referred to as the end user's predesignated interexchange carrier.
- (B) On the effective date of this Tariff, all existing end users have access to interstate MTS/WATS. No later than 85 days prior to conversion to Feature Group D in a serving end office, the Telephone Company will notify end users of the availability of equal access in their particular area. The notification will include the names of all interexchange carriers wishing to participate in the presubscription process. This notification will be sent via U. S. Mail to each end user of record served by the end office to be converted.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Service (Cont'd)

(C) End users may select one of the following options at no charge:

- Indicate a primary interexchange carrier for all of its lines.
- Indicate a different interexchange carrier for each of its lines.

After the end user's initial selection of a predesignated interexchange carrier, or the designation that they do not want to presubscribe to an interexchange carrier, for any change in selection after conversion to Equal Access in the serving end office, end users will have 6 months from the date of the conversion to change their choice of IC one time at no charge. For subsequent changes, a nonrecurring charge, as set forth in 4.7(I) following applies.

(D) End users not responding to the initial notification will be sent a second notification for the selection of a predesignated interexchange carrier no earlier than 40 days prior to or no later than 90 days after the conversion to Feature Group D in a serving end office. This second notification will indicate the primary interexchange carrier that has been assigned to them if they fail to respond to the second notification.

After the allocation process has been completed, end users that have been assigned to an interexchange carrier via the allocation process may change the interexchange carrier one time within six months after conversion to Equal Access in the serving end office at no charge.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Service (Cont'd)

Following the six-month period after conversion to Equal Access process has been completed, for any change in selection, a nonrecurring charge as set forth in 4.7(I) following applies.

- (E) When an end user indicates more than one interexchange carrier selection per line 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 interexchange carrier selection on the return notification that does not match with information provided by an interexchange carrier, 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 interexchange carriers provide to the Telephone Company customer lists indicating that a particular customer has designated each of them as the primary interexchange carrier, and the customer fails to respond to the initial notification, the customer in question will be allocated along with the non-respondents to the initial notification. A list of these customers in conflict will be sent to the affected interexchange carriers by the Telephone Company.
- (F) New end users who are served by end offices equipped with Feature Group D will be asked to presubscribe to an interexchange carrier at the time they place an order with the Telephone Company for Telephone Exchange Service. They may select either of the following options. There will be no charge for this initial selection.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Service (Cont'd)

- Designate a primary interexchange carrier for all of its lines,
- Designate a different interexchange carrier for each of its lines.

Only one interexchange carrier 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 interexchange carrier, a new end user will have 6 months from the date of the installation of Telephone Exchange Service to change their choice of IC one time at no charge. For subsequent changes, a nonrecurring charge, as set forth in 4.7 (I) following applies.

- (G) If the new end user fails to designate an interexchange carrier as its predesignated interexchange carrier prior to the date of installation of Telephone Exchange Service, the Telephone Company will (1) allocate the end user to an interexchange carrier based upon current interexchange carrier presubscription ratios, (2) require the end user to dial an access code (10XXX) 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 interexchange carrier. All allocated or blocked end user may designate another, or initial, interexchange carrier as its predesignated interexchange carrier 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 six months from the installation of any Telephone Exchange Service, a nonrecurring charge, as set forth in 4.7(I) following applies.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Service (Cont'd)

- (H) If an interexchange carrier elects to discontinue its Feature Group D Service offering prior to or within two years of the conversion, the interexchange carrier will notify the Telephone Company of the cancellation. The interexchange carrier 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 interexchange carrier. The interexchange carrier will also inform the end user that it will pay the presubscription change charge. The cancelling interexchange carrier will then be billed by the Telephone Company the appropriate charge for each end user.

## ACCESS SERVICE

SECTION 4. END USER ACCESS SERVICE AND PRESUBSCRIPTION SERVICE (Cont'd)4.7 Presubscription Service (Cont'd)

(I) Nonrecurring charges for presubscription are as following:

	<u>Nonrecurring Charge</u>
Presubscription - per Telephone Exchange Service line or trunk*	\$5.00

\*This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the Interexchange Carrier (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. The IC will be assessed 2 charges, one for the misassignment and another for the correction. The end user will then be assigned to an IC of the end user's choice.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE5.1 General

This section sets forth the regulations for Access Orders. An Access Order is an order to provide the customer with Switched Access Service or Special Access Service or to provide changes to existing services.

5.1.1 Ordering Conditions

A customer may order any number of services of the same type between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint services.



## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.1 General (Cont'd)5.1.1 Ordering Conditions (Cont'd)

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 5.2 ("Access Order") 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: order negotiation, order confirmation, interactive design, installation and billing.

Orders for Feature Group A Switched Access Service shall be in lines.

Orders for Feature Group B Switched Access Service shall be in trunks.

Access Service Requests (ASRs) that are not detailed correctly may be rejected by the Telephone Company and returned to the customer for completion

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services

- (A) Testing Service, Telecommunications Service Priority (TSP), and Special Facilities Routing shall be ordered with an Access Order as set forth in (B) following. The rates and charges for these services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Telephone Company, the items listed in (A) preceding may subsequently be added to the order at any time, up to and including the service date for the Access Service.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.1 General (Cont'd)5.1.3 Special Constructions

The regulations, rates and charges for special construction are set forth in the Telephone Company's Tariff F.C.C. NO. 3, Special Construction, and are in addition to the regulations, rates and charges specified in this section.

5.2 Access Order

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

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

When ordering Switched Access service, the customer must specify whether the service is to be directly routed to an end office switch or through an access tandem. The customer may also order direct trunks to the tandem with common facilities from the tandem to the end office. When service is ordered direct, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade or High Capacity).

The customer must also specify the type of Entrance Facility to be used for Switched Access (e.g., Voice Grade or High Capacity). For High Capacity Entrance Facilities, the customer must specify the facility assignment and the channel assignment for each trunk.

Direct Trunked Transport is available at all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 3. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)

(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 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating Toll-Free calls.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the telephone company will provide overflow from direct to tandem facilities. If the customer has only Direct Trunked facilities, the overflow will be blocked at the rate prescribed in 6.6.1 (C).

When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

- For Feature Group A Switched Access, the customer shall specify the number of lines and the first point of switching (i.e. dial tone office), the Local Transport options, and Local Switching options desired. In addition, the customer shall specify whether the off-hook supervisory signalling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers. The customer shall also specify which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)

In addition to the preceeding provisions, if a customer provides operator services for its end users for calls originating from a particular LATA, the customer shall specify:

1. For Feature Groups C and D switched Access Service, the number of busy hour minutes of capacity from the customer's premises to the Telephone Company's Traffic Operator Position System (TOPS) offices.
- For Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and Local Transport options and Local Switching options desired. In addition, the customer shall also specify for terminating only access minutes, whether the trunks are to be arranged in trunk group arrangements or provided as single trunks.
- For Feature Groups C and D Switched Access Service, the customer shall specify the number of busy hour minutes of capacity (BHMC) from the customer designated premises to the end office by Feature Group and by type of BHMC. This information is used to determine the number of transmission paths as set forth in Section 6 following.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)

The Special Access Service may be ordered for connection with Switched Access Service at Telephone Company designated WATS serving offices for the provision of WATS and may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service. For the Special Access Service the customer shall specify the customer designated 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. When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in 7.1.2 following, must be ordered between that wire center and the nearest WATS serving office where the screening, switching and/or recording functions can be provided.

- For all Special Access Services, the customer must specify the customer designated premises or hubs involved, the type of service (e.g., Voice Grade), the channel interface, the technical specification package, and options desired.
- Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in Section 7.3.2 following, the customer shall furnish the Telephone Company with the written certification.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.1 Access Order Service Date

(A) The Telephone Company will provide the Access Service in accordance with the customer's requested service date, subject to the following conditions:

- (1) The Telephone Company shall make available to all customers within a reasonable time of a request a schedule of applicable service dates and any associated relevant information. The schedule shall specify the applicable service date for services and the quantities of services that can be provided in the applicable service date.

The Telephone Company will not accept orders for service dates which exceed the applicable service date by more than six months.

All part-time Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the Telephone Company in advance of expediting an order will provide the customer an estimate of the anticipated charges calculated at an overtime rate of \$94.50 per hour. In no event will the actual charges incurred be greater than 10% above this estimate.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.2 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.

5.2.3 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 canceled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days after the original service date, the customer has the choice of the following options:



## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

- The Access Order shall be cancelled and charges set forth in (B) following will apply, or
- Billing for the service will commence.

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order.

- (B) When a customer cancels an Access Order for the installation of service, 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 therewith or in preparation thereof which would not otherwise have been incurred.
  - (2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.
  - (3) Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b) following, whichever is lower, shall apply.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

- (a) A charge equal to the cost incurred in such installation, less estimated net salvage. Such charge is determined as detailed in (4) following.
- (b) The charge for the minimum period of Switched or Special Access Service ordered by the customer.

These charges also apply to that portion of facilities cancelled in the case of a partial cancellation, i.e., in the case of a customer requesting a reduction of the number of lines, trunks, or BHMCs ordered.

- (4) Charges applicable as specified in (3)(a) preceding include 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, rights-of-way and other associated costs.
- (C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.
- (D) 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 commotions), the customer may cancel the Access Order without incurring cancellation charges.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.4 Selection of Facilities for Access Orders

When there are analog or digital high capacity facilities to a hub on order or in service for a customer's use, the customer may request a specific facility or transmission path to be used to provide the Switched or Special Access Service requested in an Access Order. The Telephone Company will make a reasonable effort to accommodate the customer request.

5.2.5 Minimum Period

Except as specifically set forth in Section 6, 7 and 8 of this Tariff, the minimum period for which charges are applicable is one month.

The minimum period for part-time program Audio Special Access Service 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.)

5.2.6 Minimum Period Charges

When Access Service is discontinued prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Telephone Company will discontinue billing immediately upon receiving a written request from the customer. A disconnect constitutes facilities being returned to inventory.

## ACCESS SERVICE

SECTION 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE  
(Cont'd)5.2 Access Order (Cont'd)5.2.6 Minimum Period Charges (Cont'd)

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

- (A) For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity as set forth in Section 6 following.
- (B) For Special Access Service, and flat rated Switched Access Service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section 7 following.

The minimum Period Charge for part-time Program Audio Services is the applicable daily rate for the service as set forth in Section 7 following.

5.2.7 Mixed Use Facilities - Switched and Special Access

Mixed use is the provision of both Switched and Special Access Services over the same High Capacity facilities. Mixed use facilities to a hub will be ordered and provided as Special Access Service. Where mixed use is employed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service as further elaborated and set forth in 6.5.13 and 7.3.8 following. When placing the order for the individual service(s), the customer must specify a channel assignment for each service ordered.

ACCESS SERVICE

SECTION 5.

RESERVED FOR FUTURE USE

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer designated premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities, and for the use of 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 designated premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, and whether it is provided in a Telephone Company end office that is equipped to provide equal or non-equal access. Rates and charges for Switched Access Service are set forth in 6.6 following<sup>1</sup>. The application of rates for Switched Access Service is described in 6.5 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services.

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<sup>1</sup> Per Company's Petition for Conversion to Price Cap Regulation and for Limited Waiver Relief, DA 08-1026 at paragraph 12, CCIL will implement a demand monitoring trigger for monthly switched traffic volumes. The trigger will consist of a comparison of monthly switching demand to prior period demand for the same month of the previous year. In any given month, if ICTC switched demand is 100% greater or more than in the same month of the previous year, CCIL will re-file its traffic sensitive switched access rates to achieve the ATS target rate of .0065 within 60 days of the end of the month which exceeded the trigger volume.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE6.1 General (Cont'd)

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable switched access rates and charges specified in Section 17.2, following, on all jurisdictionally interstate voice traffic identified as Toll VoIP-PSTN Traffic.

## ACCESS SERVICE

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in four service categories of standard and optional features called Feature Groups. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch. Following is a brief description of each Feature Group arrangement. The availability of the Feature Group services is contingent upon the availability of the related facilities. For example, Feature Group D is available only in end offices that are equipped to offer Equal Access.

(A) Feature Group A (FGA)

FGA Access, which is available to all customers to be used in providing services provides line side access to Telephone Company end offices switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Inter-exchange Carrier's Interstate Service or a customer-provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA access communications is transported to another state. A more detailed description of FGA Access is provided in 6.2.1 following.



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)(B) Feature Group B (FGB)

FGB Access, which is available to all customers to be used in providing services other than MTS and WATS services, provides trunk side access to Telephone Company end office switches with an associated uniform 950-1/OXXX access code for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer-provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state. A more detailed description of FGB Access is provided in 6.2.2 following.

(C) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. This service is available in all Telephone Company end offices which are not equipped for Feature Group D end office switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. The Special Access Service utilized for connection with FGC at Telephone Company designated WATS serving offices as set

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)(C) Feature Group C (FGC) (Cont'd)

forth in 6.2.3 (G) may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS) for the provision of WATS services. Special Access Services are ordered as set forth in 5.2 ("Access Order") preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 10XXX access code for the customer's use in originating and terminating communications. Special Access Services utilized for connection with FGD at Telephone Company designated WATS serving offices as set forth in 6.2.4 (H) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. Special Access Services are ordered as set forth in 5.2 ("Access Order") preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

(E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)(E) Manner of Provision (Cont'd)

furnished on a per-line or per-trunk basis, respectively. FGC and FGD Access are furnished on a BHMC basis.

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

There are two major BHMC categories, identified as Originating and Terminating. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer, and Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user. When ordering capacity for FGC and FGD Access, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

## (F) Because some customers will wish to further segregate their originating traffic into separate trunk groups, Originating BHMCs are further

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.1. General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

Categorized into Domestic, Toll-Free, 900, Operator and International DDD (IDDD). Domestic BHC's represent access capacity for carrying only domestic traffic other than Toll-Free, 900 and Operator traffic; IDDD BHC's represent access capacity for carrying only international traffic; and Toll-Free, 900 and Operator BHC's represent access capacity for carrying, respectively, only Toll-Free, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, Toll-Free, 900, Operator or IDDD BHCs.

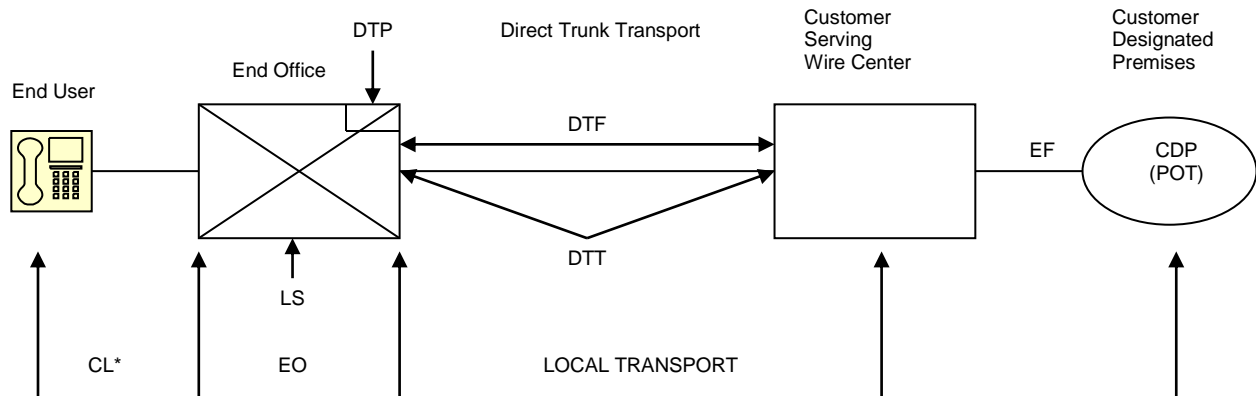
6.1.2 Rate Categories

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

- Local Transport (described in 6.1.2(B) following)
- End Office (described in 6.1.2(C) following)
- Common Line (described in Sections 3 and 4 preceding)
- Toll-Free Database Query Charge (described in 6.1.2(D) 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.

## DEDICATED TRUNK SIDE SERVICES



CL – Common Line  
EO – End Office

\*Common Line Access Service is provided under Section 3 preceding

Direct Trunk Transport  
- Direct Trunked Termination (DTT)  
- Direct Trunked Facility (DTF)  
Dedicated Trunk Port (DTP)  
Local Switching (LS)  
Entrance Facility (EF)

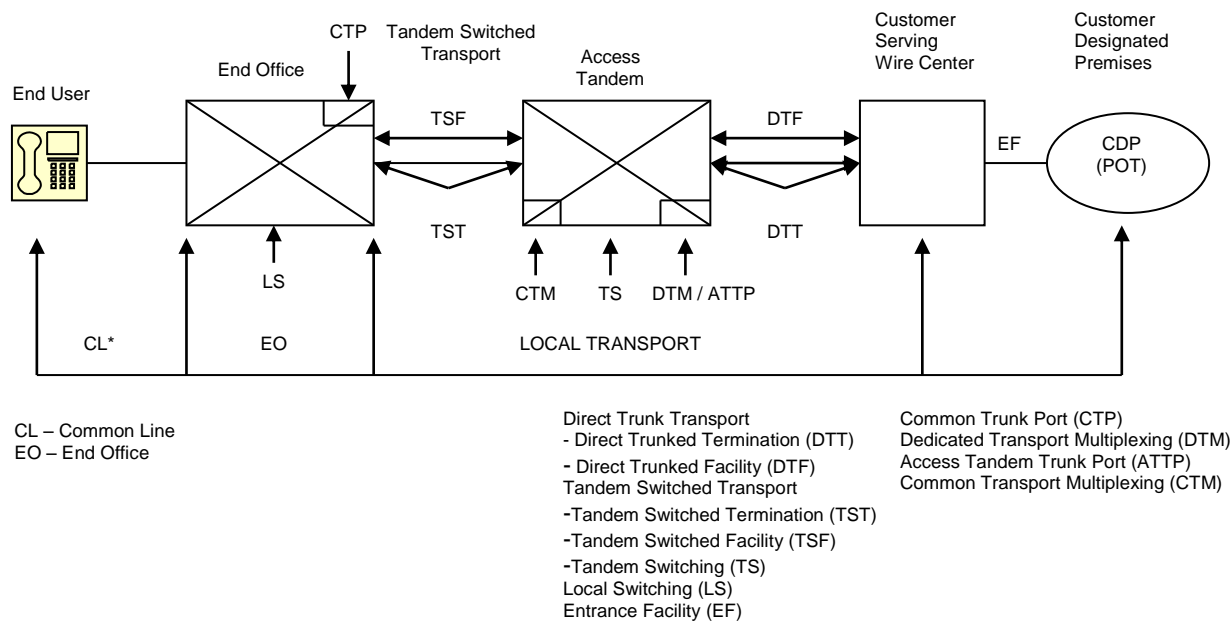
ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.1. General (Cont'd)

6.1.2 Rate Categories (Cont'd)

**TANDEM SWITCHED TRUNK SIDE SERVICES**



\*Common Line Access Service is provided under Section 3 preceding

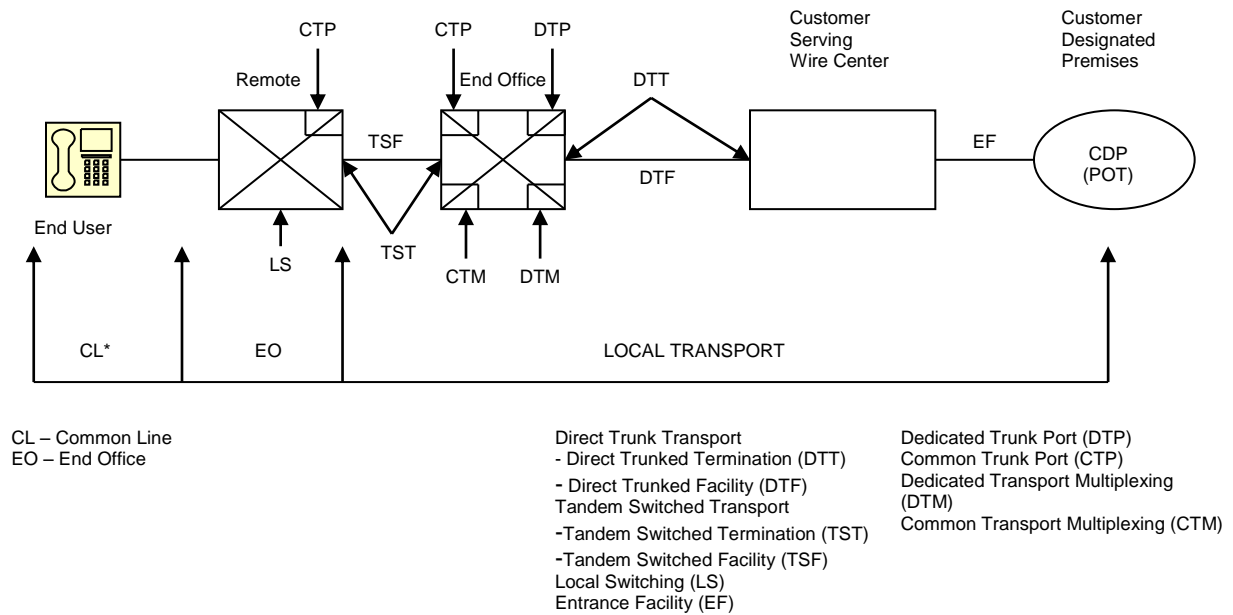
ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.1. General (Cont'd)

6.1.2 Rate Categories (Cont'd)

## DIRECT TRUNKED HOST-REMOTE ARRANGEMENTS

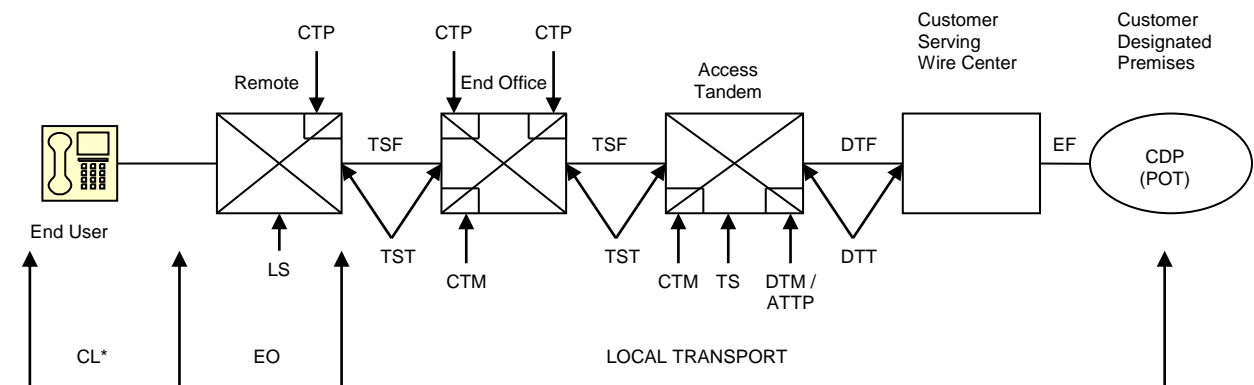


\*Common Line Access Service is provided under Section 3 preceding

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1. General (Cont'd)

## 6.1.2 Rate Categories (Cont'd)

**TANDEM SWITCHED HOST-REMOTE  
ARRANGEMENTS**

CL – Common Line  
EO – End Office

Direct Trunk Transport  
- Direct Trunked Termination (DTT)  
- Direct Trunked Facility (DTF)  
Tandem Switched Transport  
-Tandem Switched Termination (TST)  
-Tandem Switched Facility (TSF)  
-Tandem Switching (TS)  
Local Switching (LS)  
Entrance Facility (EF)

Dedicated Trunk Port (DTP)  
Common Trunk Port (CTP)  
Dedicated Transport Multiplexing (DTM)  
Access Tandem Trunk Port (ATTP)  
Common Transport Multiplexing (CTM)

\*Common Line Access Service is provided under Section 3 preceding

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. Except in the cases set for in 6.5.12 following, for purposes of determining facility mileage measurement, distance will be measured from the wire center that normally services the customer's premises to the end office switch(es), which may be a Remote Switching office.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch) but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals.

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) whether the service is to be directly routed to a tandem, (3) the directionality of the service (e.g., 1 way or 2 way), (4) the type of Direct Trunked Transport (e.g., Voice Grade, DS1) and whether it will overflow to a tandem facility, (5) the type of Entrance Facility (e.g., Voice Grade, DS1) and (6) if multiplexing is required.



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)

If the customer provides operator services for its end users for calls originating from a particular LATA and is capable of receiving calls passed through to it in that LATA by the Telephone Company, the customer will be assessed an Operator Transfer Charge that will include costs associated with handling the operator services traffic. Operator Transfer Service is described in section 8.2 following. The Operator Transfer Charge for customers providing operator services is set forth in 6.6.3 following. The application of this rate is as set forth in 6.5.1 (B) following.

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 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of origination Toll-Free calls.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)

Local Transport is provided at the rates and charges set forth in 6.6.1 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.5.1 (D) 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 2.4.6 preceding.

Local Transport will be terminated at a customer designated premise by means of one of the Interface Groups specified in the National Exchange Carrier Association Tariff F.C.C. No. 5. Where transmission facilities permit, the nonchargeable options described in the National Exchange Carrier Association Tariff F.C.C. No. 5 will be provided at the option of the customer.

The Local Transport Rate Category includes five classes of rate elements: (1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem Switched Transport, (4) Residual Interconnection Charge, and (5) Multiplexing.

(1) Entrance Facility

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)(1) Entrance Facility (Cont'd)

Two types of Entrance Facility are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3000 hz), (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps).

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

(2) Direct Trunked Transport

The Direct Trunked Transport rate elements recovers a portion of the cost associated with the communications path between the serving wire center and the end office on circuits dedicated to the use of a single customer, without switching at a tandem.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)(2) Direct Trunked Transport (Cont'd)

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 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating Toll-Free calls.

Two types of Direct Trunked Transport are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3000 Hz), (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps).

High Capacity 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.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)(2) Direct Trunked Transport (Cont'd)

Direct Trunked Transport rates 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 the transmission links.

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 interoffice transmission links.

This charge will not apply even if the transmission links are co-located in a Telephone Company building (i.e., mileage is zero).

(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 of between the tandem and the end office on circuits that are switched at a tandem switch.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)(3) Tandem Switched Transport (Cont'd)

Tandem Switched Transport rates consist of a Tandem Switched Facility rate, and a Tandem Switched Termination rate.

The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 6.6 following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem.

The Tandem Switched 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 Tandem Switched Facility rate specified in 6.6 following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

The Tandem Switched Termination rate specified in 6.6 following is applied on a per access minute basis (for all originating and terminating minutes of use routed over each end of the interoffice transmission links. This charge will not apply if the interoffice transmission links are co-located in a Telephone Company building (i.e., mileage is zero).

The Tandem-Switched Multiplexing charge recovers the cost of multiplexing equipment on the end office side of the tandem switch and the trunk side of the end office. The Tandem-Switched Multiplexing charge specified in 17.2.2 following is a per-minute charge assessed to the customer purchasing common transport on the end office-to-tandem link.

Charges for Tandem Direct Trunk Ports, located on the serving wire center side of the Access Tandem, recover costs to terminate direct Trunks. Tandem Direct Trunk Ports are a flat-rate monthly charge as specified in 17.2.2 following assessed to the customer purchasing the dedicated trunk terminated at that port.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Transport (Cont'd)(4) Residual Interconnection Charge

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

(5) 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. 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 cover a 1.544 Mbps channel to 24 Voice Grade channels. DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Transport is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing. OC3 to DS3 Multiplexing charges apply when a Synchronous Optical Channel Service OC3 Entrance Facility or OC3 Direct Trunked Transport is connected with High Capacity DS3 Direct Trunked Transport. The OC3 to DS3 multiplexer will convert a 155.52 Mbps channel to 3 DS3 channels using digital time division multiplexing.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(C) End Office

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

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment. LS2, provides local dial switching for Feature Groups A, B, C and D.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2. International dialing provides the capability of switching international calls with service prefix and



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(C) End Office (Cont'd)(1) Local Switching (Cont'd)

address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

Rates for Local Switching are set forth in 6.6.2(A) following. The applications of these rates with respect to individual Feature Groups is as set forth in 6.5.1(D) following.

There are two types of local switching functions, i.e., Common Switching functions and Transport Terminations functions. These are described in (a) and (b) following.

(a) Common Switching

Common Switching provides the local end office or the WATS serving office switching functions associated with the various access (i.e., Feature Group) switching arrangements.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(C) End Office (Cont'd)(1) Local Switching (Cont'd)

## (b) Transport Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Local Transport facilities.

(2) Equal Access Recovery Charge

The Equal Access Recovery Charge (EARC) is a charge to recover those costs that the Telephone Company incurs solely for equal access. Equal access costs represent the cost to equip a central office to handle Feature Group D. Therefore, the Equal Access Recovery Charge is never assessed until the office is equipped for Feature Group D.

The Equal Access Recovery Charge is assessed to the customer based on the total number of presubscribed equal access lines presubscribed to that customer. The Telephone Company will measure the number of lines presubscribed to the customer on a monthly basis and apply the rate accordingly. The rate for the EARC is set forth in 6.6.2 following.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(C) End Office (Cont'd)(3) Information

Information rates are set forth in 6.6.2(C) following. The Information Surcharge applies to each Switched Access minute of use (measured or assumed) and shall be assessed upon all customers that use local switching facilities for the provision of intrastate or foreign telecommunications.

The Information Surcharge is to recover the costs of the functions associated with the printing of the directory white pages. The application of these rates with respect to individual Feature Groups is as set forth in 6.5.1(D) following.

(4) End Office Direct Trunk Port

Charges for End Office Direct Trunk Ports, located on the trunk side of the end office, recover costs to terminate direct trunks. End Office Direct Trunk Ports are a flat-rate monthly charge as specified in 17.2.3 following assessed to the customer purchasing the dedicated trunk terminated at the port.

(5) End Office Common Trunk Port

Charges for DS-1 End Office Common Trunk Ports, located on the trunk side of the end office, recover costs to terminate common trunks. End Office Common Trunk Ports are per minute-of-use charge as specified in 17.2.3 following assessed to the customer of common transport trunks terminating at these ports.

(D) Toll-Free Database Query Charge

When a query to a database is originated only to determine the Interexchange Carrier assigned to handle the call, the Basic Query Charge as set forth in 6.6.5 will apply. When a query to a database is originated to determine information in addition to the Interexchange Carrier, the Enhanced Query Charge as set forth in 6.6.5 will apply in addition to the Basic Query Charge. The Basic and Enhanced Query Charge will be applied to the Interexchange Carrier on a per query basis.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(E) Chargeable Optional Features(1) Flexible Automatic Number Identification (Flex ANI)

The Flex ANI rate element provides for the addition of Flex ANI capability to Feature Group D (FGD) trunk groups equipped with Automatic Number Identification (ANI). Flex ANI is a Common Switching Optional Feature that enhances ANI by allowing 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 will be used to identify additional call paths. Flex ANI can be used to provide Originating Line Screening (OLS) as described in 8.7 following.

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.

A non-recurring charge, as set forth in 6.6.7, is assessed on a per end office, per Carrier Identification Code (CIC) basis.

Customer will be exempt from nonrecurring charges when Flex ANI is used to provision service to allow for the passing of Flex ANI digits to the customer for the purpose of identifying calls for which per call compensation will be paid to Payphone Service Providers, pursuant to the FCC's Orders in CC Docket 96-128.

6.1.3 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.3 Special Facilities Routing (Cont'd)

The regulations, rates and charges will be according to the provisions of the Telephone Company's Tariff FCC NO. 3, Special Construction.

6.1.4 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer designated premises to the first point of switching. This information will be provided in the form of a Design Layout Report. Design Layout Reports will also be provided for Special Access Services which are used in the provisioning of WATS Service when specifically requested by the customer. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.5 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10 as set forth in Section 15 of National Exchange Carrier Association Tariff F.C.C. No. 5, and the Transport Termination is two-wire

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.1 General (Cont'd)6.1.5 Acceptance Testing (Cont'd)

(i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in Section 5 preceding.

6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities including an Entrance Facility and the appropriate End Office functions. In addition, Special Access Service utilized in the provisioning of WATS service may, at the option of the customer, be provided at Telephone Company designated WATS serving office.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

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

There are various nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching or Transport Termination options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

The nonchargeable options, features, transmission specifications, and testing capabilities available for each Feature Group are as described in the National Exchange Carrier Association Tariff F.C.C. No. 5. At the customer's request cooperative testing at the time of installation is performed at no charge. The Telephone Company will, at the customer's request, perform testing at other times as specified in 6.6.4.

6.2.1 Feature Group A (FGA)

- (A) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (B) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)

- (C) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities are available to accommodate such a request. All end offices will measure access minutes by means of recording to compute chargeable access minutes as set forth in 6.5.8 following.

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

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

- (E) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multi-frequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)

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

- (F) No address is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (G) FGA switching, when used in the terminating direction, may be used to access valid NXX codes, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits).

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

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

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

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Vice President, Regulatory and Public Policy  
350 S. Loop 336 West  
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## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)

LATA-wide Termination is available in LATAs in which the Telephone Company is the primary exchange carrier in that LATA. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

- (H) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (I) FGA will be provisioned over an Entrance Facility from the customer's premises to the customer's serving wire center.

FGA service, when used in the originating direction, will be provisioned as Direct Trunked Transport from the first point of switching (i.e., the end office switch where FGA switching dial tone is provided) to the customer's serving wire center.

FGA service, when used in the terminating direction, will be provisioned as Direct Trunked Transport from the customer's serving wire center to the first point of switching and provisioned as Tandem Switched Transport from the first point of switching to the terminating end office.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.2 Feature Group B (FGB)

- (A) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches. FGB is available to all customers except those providing MTS and WATS service.
- (B) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink-start start-pulsing signals and answer and disconnect supervisory signaling.
- (C) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)

- (D) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-1/0XXX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.
- (F) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's service rates when the

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)

Telephone Company performs billing function for that customer. Calls in the terminating direction will not be completed to 950-1/0XXX access codes, local operator assistance (0- and 0+), Directory Assistance, service codes 611 and 911 or 10XXX access codes. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D.

- (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (G) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

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

6.2.2

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Vice President, Regulatory and Public Policy  
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## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.3 Feature Group C (FGC)

- (A) FGC is offered to providers of MTS and WATS at all Telephone Company end office switches unless Feature Group D end office switching is provided.
  - (B) FGC 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 answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
  - (C) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, reverive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. 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 designated premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (Y) Issued on not less than 10 days notice under authority of Special Permission No. 87-121 of the Federal Communications Commission.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)

- (D) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.
- (E) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the 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 offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)

from a FGC 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 950-10XX access codes, local operator assistance (0- and 0+), service codes (611 and 911 where available) and 10XXX access codes. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (G) A Special Access Line utilized in providing WATS service may, at the option of the customer, be provided for use with FGC Switched Access Service. This Special Access Line utilized in providing WATS service provides a dedicated Special Access connection between a customer's end user's premises and an end office switch capable of performing the necessary screening functions for Toll-Free Service WATS or similar services and is provided only for use at the closed end of such services.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)

Special Access Lines utilized in the provisioning of WATS service are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

Special Access Lines utilized in the provisioning of WATS service are provided as either an effective 2-wire or effective 4-wire transmission path as described in Section 7 following.

Operator Transfer Service (forwarding of 0- calls) may be provided with FGC Switched Access Service at Telephone Company designated Operator Service switching locations. Operator Services are provided as set forth in Section 8.2 following.

6.2.4 Feature Group D (FGD)

- (A) FGD is provided at Telephone Company designated electronic and electromechanical end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
- (B) 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.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)

customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-10XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 10XXX access codes. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, or D.

- (E) 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 arrangements provided.

Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

- (F) The access code for FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in Section 4.7 preceding.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)

Where no access code is required, the number dialed by the customer's end user shall be a seven- or ten-digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven- to twelve-digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of dialing digit (#) for cut-through access to the customer's premises.

- (G) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 10XXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX code its calls will be directed to for interstate service. Presubscription codes are applied as set forth in Section 4.7 preceding.
- (H) A Special Access Line utilized in providing WATS service may, at the option of the customer, be provided for use with FGD Switched Access Service. This Special Access line provides a

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)

dedicated Special Access connection between a customer's end user's premises and a Telephone Company end office switch capable of performing the necessary screening functions for Toll-Free Service, WATS, or similar services and is provided only for use at the closed end of such services.

Special Access Lines utilized in the provisioning of WATS service are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

Special Access Lines utilized in the provisioning of WATS service are provided as either an effective 2-wire or effective 4-wire transmission path as described in Section 7 following.

- (I) Operator Transfer Service (forwarding of 0- calls) may be provided with FGD Switched Access Service at Telephone Company designated Operator Service switching locations. Operator Services are provided as set forth in Section 8.2 following.



ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

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

6.2.5 Common Switching Optional Features

- (A) Carrier Identification Parameter - feature enables interexchange carriers to consolidate trunk groups to provide Equal Access connections for the carrier and its reseller carriers over one trunk group.

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.3 Obligations of the Telephone Company

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company6.3.1 Network Management

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

6.3.2 Design and Traffic Routing of Switched Access Service

For Feature Groups C and D, the Telephone Company shall design and determine the routing of Switched Access Service. Additionally, for Tandem Switched Transport the Telephone Company will design and determine the routing from the first point of switching to the end office. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company (Cont'd)6.3.2 Design and Traffic Routing of Switched Access Service (Cont'd)

two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of 2-wire or 4-wire trunk terminating equipment. Selections of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns.

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 the hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

For Feature Groups A and B, the line or trunk directionality and traffic routing of the Switched Access Service between the customer designated premises and the entry switch are determined by the customer's order for service.

6.3.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company (Cont'd)6.3.3 Provision of Service Performance Data (Cont'd)

under other tariff sections. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual basis.

6.3.4 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.

6.3.5 Determination of Number of Transmission Paths

For Feature Groups A, B, C and D when ordered as Direct Trunked Transport the customer specifies the type of transport (e.g., Voice Grade of DS1) and the quantity of each. For Tandem Switched Transport, the Telephone Company will verify the number of Switched Access Service transmission paths provided by the customer for the trunk equivalency busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz. The number of transmission paths will be verified by using the total busy hour minutes of capacity by type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company (Cont'd)6.3.5 Determination of Number of Transmission Paths (Cont'd)

office switches only, or (3) the use of tandem switches only.

6.3.6 Design Blocking Probability

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) through (D) following.

- (A) For Feature Groups A and B, no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective based on BHMCs ordered will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternative route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective will be no greater than one (.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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company (Cont'd)6.3.6 Design Blocking Probability (Cont'd)

engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services, (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

- (D) The Telephone Company will perform routine measurement functions except on Feature Groups A and B to ensure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hours minutes of capacity or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.
- (1) For transmission paths carrying only first routed traffic direct between an end office and customer designated premises without an alternative route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.3 Obligations of the Telephone Company (Cont'd)6.3.6 Design Blocking Probability (Cont'd)

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

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

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



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.4 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:

6.4.1 Report Requirements

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

A. Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in Section 2.3.10 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in Section 2.3.11 preceding.

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

6.4.2 Supervisory Signaling

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

6.4.3 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 based on previously arranged intervals and format

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.4 Obligations of the Customer

## 6.4.4 Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's end users originate which is handed off for termination on the Telephone company's network.

## (A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

## (B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party or, if different from the number of the calling party, the charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

## (C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.4 Obligations of the Customer (Cont'd)

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6.5 Rate Regulations

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

6.5.1 Description and Application of Rates and Charges

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

(A) Monthly Rates

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

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(B) Usage Rates (Cont'd)

on a per access minute and/or access minute mile basis. For Operator Transfer Service the rate is applied on a per transferred call basis. Access minute charges are accumulated over a monthly period. For Toll-Free Database Query the rate is applied per query.

(C) Nonrecurring Charges

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

(1) Installation of Service

A Local Transport nonrecurring installation charge, (C) will be applied at the serving wire center for each Entrance Facility installed. Additionally, a nonrecurring trunk activation charge will be applied at each end office on a per order per end office basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated (i.e., designated by the customer to be used to carry switched access). A maximum of 24 trunks can be activated on a DS1 facility.

For example, if a customer orders a DS1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DSI Installation nonrecurring charge at the serving wire center and one Direct Trunked Transport Activated nonrecurring charge at the end office. If at a later date the customer requests the activation of three more circuits, the customer will then be charged an additional Direct Trunked Transport Activated non-recurring charge.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements

All changes to existing services other than changes involving administrative activities only will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.5.7 following.

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

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements (Cont'd)

- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Nonrecurring charges will not apply to changes in Feature Group where only a change in billing procedure is involved.

Nonrecurring charges will not apply when a customer requests a change of trunks from tandem-switched transport to direct-trunked transport or orders the disconnection of overprovisioned trunks providing:

- the change is ordered anytime between June 17, 1997 and December 31, 1998 and
- the change is completed no later than March 31, 1999 and
- the orders to disconnect existing trunks and to connect the new trunks are placed at the same time.

(D) Application of Rates

The specific application of rates for a specific customer is dependent upon the Feature Group, type of Entrance Facility, type of transport, (e.g., direct trunked or tandem), and type of Multiplexing.

The following rules provide the basis for applying the rates and charges:

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

- (1) Premium rates apply to all access minutes when the service is provided to customers which furnish interstate MTS/WATS to all access minutes that originate or terminate at end offices equipped to provide equal access capabilities. Premium rates also apply to FGB and FGD access minutes that originate or terminate at a Mobile Telephone Switching Office (MTSO) that is directly connected to a Telephone Company access tandem office.

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)



ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

- (b) The number of access minutes to be rated as premium access minutes is determined as follows:
  - (i) Where end office specific usage data is available, premium rates apply to the measured access minutes originating from or terminating at the equal access end office(s).

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

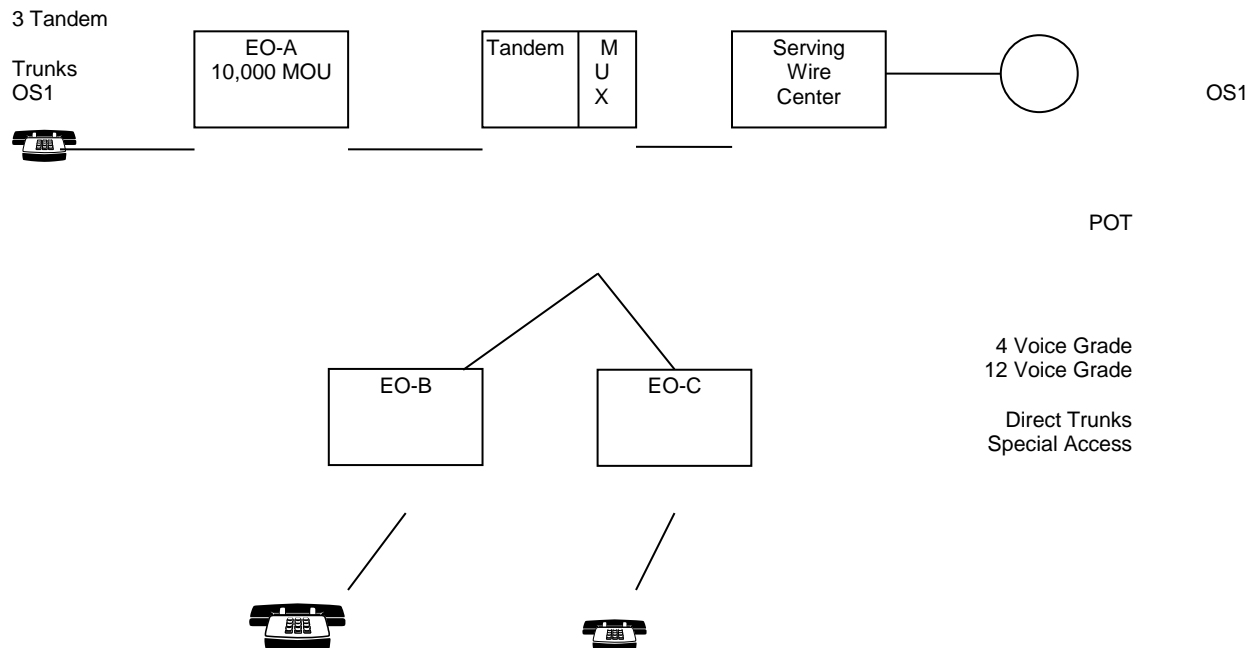
6.5.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

The following example, while not all inclusive, illustrates the application of the Shared Transport provisions cited above and the Mixed Use provision set forth in 7.3.8 following. The same calculations explained below depict the application of charges as they apply to the shared facilities only. All other rate elements that would apply to this example (e.g., Residual Interconnection, Carrier Common Line, End Office, Voice Grade Direct Trunked Transport from EO-B to the Tandem, Voice Grade Channel Mileage from EO-C to the Tandem, etc.) are billed as described elsewhere in this tariff.



Assume:  
The customer orders:

- 3 tandem routed Switched Access trunks to End Office-A (EO-A)
- 4 direct routed Switched Access trunks to End Office-B (EO-B)
- 12 Voice Grade Special Access channels to End Office-C (EO-C)
- 1 DS1 facility between their POT and the Tandem/Multiplexer
- Usage at EO-A is 10,000 Minutes of Use (MOU)

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(2) Shared Transport (Cont'd)Calculation of Charges POT to Serving Wire Center

Since this facility carries both Switched and Special Access Services, the Mixed Use provisions set forth in 7.3.8 must be plied. This service is initially ordered and rated as a Special Access DS1 High Capacity Channel Termination (DS1-CT). This Special Access Charge is then reduced for each activated Switched Access Service. High Capacity DS1 Entrance Facility (DS1-EF) charges apply for the portion of this service that is activated for Switched Access Service.

DS1-CT charge - DS1-CT rate x (capacity of  
a DS1 minus the number of  
activated Switched Access  
Services)/(capacity of a  
DS1)  
- DS1-CT rate x 24 - 7)/(24)  
- DS1-CT rate x (17/24)

DS1-EF charge - DS1-EF rate x (number of  
activated Switched  
Access Services)  
/(capacity of a DS1)  
- DS1-EF rate x (7/24)

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(2) Shared Transport (Cont'd)Calculation of Charges Facility from Serving Wire Center to Tandem and Multiplexer

Since the interoffice facility and the multiplexer both carry Switched and Special Access Services, they must first be apportioned between these two categories by applying the Mixed Use provisions set forth in 7.3.8 following. Using the same ratios calculated above, the Special Access DS1 High Capacity Channel Mileage Facility (DS1 - CMF), Channel Mileage Termination (DS1 - CMT), and Multiplexer (Spcl.-MUX) charges are:

DS1-CMF - DS1-CMF rate x airline  
miles between  
Tandem/Multiplexer and  
Serving Wire Center x  
(17/24)

DS1-CMT - DS1-CMT rate x 2  
terminations x (17/24)

Spcl.-MUX - DS1 to Voice Grade  
multiplexer rate x (17/24)

After applying the Mixed Use provisions to determine the Switched Access portion of these facilities, the Switched Access Facilities must then be apportioned between direct routed and tandem routed. This is accomplished by subtracting the portion of channels used for tandem routing from the portion of Switched Access channels. The remaining portion of channels are considered direct routed.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(2) Shared Transport (Cont'd)Calculation of Charges Facility from Serving Wire Center to Tandem and Multiplexer

The Direct Trunked Facility (DS1-DTF), Direct Trunked Termination (DS1-DTT) and Switched Access Multiplexer (Sw-MUX) charges are:

- DS1-DTF - DS1-DTF rate x airline miles between Tandem/Multiplexer and Serving Wire Center x (number of activated Switched Access Services/capacity of a DS1) minus (number of channels activated for Tandem Switched Transport/capacity of a DS1)
- DS1-DTF rate x miles x (7/24)
- (3/24)
- Ds1-DTF rate x miles x (4/24)

- DS1-DTT - DS1-DTT rate x 2 terminations x same ratio of (4/24)

- Sw.-MUX - DS1 to Voice Grade multiplexer rate x same ratio of (4/24)

Tandem Routing Charges (EO-A to Serving Wire Center)

No adjustments are used to calculate the Tandem Switched Facility (TSF), Tandem Switched Termination (TST), or Tandem Switching charges. They are calculated as follows:

- TSF - TSF rate x airline miles between (EO-A and the serving wire center x 10,000 MOU
- TST - TST rate x 2 termination x 10,000 MOU
- TS - TS rate x 10,000 MOU



ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Regulations (Cont'd)

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

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

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## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date. The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge or retaining the existing services. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

6.5.2 Minimum Periods

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

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and  
MTS/WATS  
Services (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

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SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.3 Switched Access Service for Resale of MTS/WATS-Type and MTS/WATS Services (Cont'd)

6.5.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.4 Minimum Monthly Charge (Cont'd)

For usage rated Local Transport, Local Switching and Information rate elements, the minimum monthly charge is the sum of the charges set forth in 6.6.2 (A), (B) and (C) following for the measured 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 6.6 following prorated to the number of days or major fraction of days on a 30 day month.



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SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.5

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6.5 Rate Regulations (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.5 Minimum Monthly Usage Charge (MMUC) (Cont'd)

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ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.6 Change of Feature Group Type

Changes from one type of Feature Group to another that require more than a change in billing procedure will be treated as a discontinuance of one type of service and a

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.6 Change of Feature Group Type (Cont'd)

start of another. When more than a change in billing procedure is required, nonrecurring charges will apply with one exception. When a customer upgrades a Feature Group A, B or C service to a Feature Group D service, the nonrecurring charges will not apply. When a customer upgrades a Feature Group A, B or C service to Feature Group D service, minimum period obligations will not change i. e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for Feature Group D service. For all other changes from one type of Feature Group to another, new minimum period obligations will be established.

6.5.7 Moves

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

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

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

(A) Moves Within the Same Building

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.7 Moves (Cont'd)

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

6.5.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB and FGC to Toll-Free and FGD, and for originating calls over FGA, FGB, and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from recorded minutes in the following manner.

- Step 1: Obtain recorded originating minutes and messages (measured as set forth (x) Issued on not less than 14 days notice under authority of Special Permission No. 96-158 of the Federal Communications Commission. in (A) and (C) following for FGA and FGC respectively) from the appropriate recording data.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)

- Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, Toll-Free, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.
- Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incomplete attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incomplete attempt from customer acknowledgement of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)

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

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

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

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

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

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

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



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)

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

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)(A) Feature Group & Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination.

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

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)(A) Feature Group & Usage Measurement (Cont'd)

supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(B) Feature Group B Usage Measurement

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

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

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

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)(B) Feature Group B Usage Measurement (Cont'd)

disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(C) Feature Group C Usage Measurement

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

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

For terminating calls over FCC to services other than Toll-Free or 900, terminating FGC usage is not directly measured at the terminating enr-; switch, but is imputed from originating usage, excluding usage from calls to Toll-Free or 900 Services.

For terminating calls over FGC to Toll-Free Service, usage measurement begins when the terminating FGC

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)(C) Feature Group C Usage Measurement (Cont'd)

entry switch receives answer supervision from the terminating end user's end office, indicating the terminating Toll-Free Service end user has answered.

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

(D) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

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

For termination calls over FGD, the measurement of access minutes begins when the terminating FGD

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.8 Measuring Access Minutes (Cont'd)(D) Feature Group D Usage Measurement (Cont'd)

entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

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

6.5.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time-consistent, hourly measurements over a 30-day period excluding Saturdays, Sundays, and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.6.1(C) following, for each overflow in excess of the blocking threshold when (1) the average "30-day period" overflow exceeds the

## ACCESS SERVICE

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SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.9 Network Blocking Charge for Feature Group D (Cont'd)

threshold level for any particular hour and (2) the "30-day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

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

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

6.5.10 Application of Rates for Extension Service

Feature Group A Switched Access Service and Feature Group C and D Special Access lines are available with extensions, i. e., additional terminations of the service at different building(s) in the same or a different LATA. Feature Group A extensions within the LATA are provided and charged for under the

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.10 Application of Rates for Extension Service (Cont'd)

Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Optional Features and Functions, if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.4.2 following will apply.

6.5.11 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in Section 6.6 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

6.5.12 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 Remote Switching office where the call carried by Local Transport originates or terminates and the customer's serving wire center. When Tandem Switched Transport or 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 Switch Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. In Host/Remote complex, mileage will be measured in two segments (Remote to Host, Host to SWC/Tandem).

Mileage rates are as set forth in 6.5.12 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 rates.



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.12 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

- (A) Direct Trunked Transport Mileage rated for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.

- (B) Feature Group A Terminating Usage

The Local Transport mileage for terminating Feature Group A Switched Access Service will be measured in two segments. Direct Trunked Transport mileage will be measured between the customer's serving wire center and the first point of switching (i.e., the end office switch where the Feature Group A switching dial tone is provided). Tandem Switched Transport mileage will be measured between the first point of switching and the terminating end office.

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.5 Rate Regulations (Cont'd)6.5.12 Mileage Measurement (Cont'd)(C) Feature Groups A, B, C and D - WATS

The Local Transport Facility for Feature Groups A, B, C and D Switched Access Service connected with Special Access Service at a WATS Serving Office will be measured between the WATS Serving Office (when measured access minutes of use are used) or between the Feature Group A entry switch (when assumed minutes of use are used) and the serving wire center for the customer designated premises.

(D) Feature Groups B and D - MTSOs Directly Interconnected to Access Tandems

The Local Transport mileage for Feature Groups B and D switched access service provided to Mobile Telephone Switching Offices (MTSOs) directly interconnected to a Telephone Company access tandem office will be determined on an airline basis, using the V&H coordinate method. The mileage will be measured between the customer's serving wire center and the Telephone Company access tandem office to which the MTSO is interconnected.

(E) Feature Groups B, C, and D - Remote Offices

The Local Transport mileage for Feature Groups B, C, and D Switched Access Service provided to a Remote Office will be measured in multiple segments. When the facility is directly trunked to the Host Office, Direct Trunked Facility mileage will be measured between the customer's serving wire center and the Host Office, and Tandem Switched Facility mileage will be measured between the Host Office and the Remote Office. The Tandem Switching charge would not apply.

When the facility is directly trunked to a tandem, Direct Trunked Facility will be measured from the Serving Wire Center to the tandem, Tandem Switched Facility will be measured from the tandem to the host, and another segment of Tandem Switched Facility will be measured from the host to the remote. A Tandem Switching charge would be applicable at the tandem.

When service to the remote is ordered as only Tandem Switched Facility, mileage will be separately measured between the serving wire center and the host and between the host and the end office. The Tandem Switching charge would be applicable at the tandem.

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.12 Mileage Measurement (Cont'd)

- (F) The procedure set forth in 2.4.6 will apply when more than one telephone company is involved.
- (G) When multiplexing is performed at Telephone Company Hubs, mileage is computed and rates applied separately for each segment of the Local Transport Direct Trunked Facility (i.e., customer serving wire center to Hub, Hub to Hub, and/or Hub to end office).

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.5 Rate Regulations (Cont'd)

6.5.13 Mixed Use

Mixed Use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity service through a common interface. The regulations governing the provision of Mixed Use Facilities are set forth in 5.2.7 preceding and 7.3.8 following.

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<u>Nonrecurring Charges</u>		<u>Rate</u>
(A)	<u>Local Transport - Installation</u> <u>Per Entrance Facility</u>	
	- Voice Grade Four Wire	\$ 81.59
	- High Capacity DS1	\$ 251.00
	- High Capacity DS3	\$ 251.00
 <u>Direct Trunked Transport Activated Per Order</u>		
-	Per 24 Trunks Activated or Fraction thereof on a Per Order Basis - End Office or Tandem	\$51.38 (R)
 (B) <u>Tandem Transport</u>		
	Per Line or Trunk	Nonrecurring <u>Charge</u> \$ 31.76
 (C) <u>Network Blocking Charge</u>		
	(applies to FGD)	Rate Per <u>Call Blocked</u> \$.008

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SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.6 Rates and Charges (Cont'd)

6.6.1 <u>Local Transport</u> (Cont'd)	<u>Monthly Rate</u>
<ul style="list-style-type: none"> <li>- <u>Entrance Facility</u> Per Termination <ul style="list-style-type: none"> <li>- Voice Grade Four Wire</li> <li>- High Capacity DS1</li> <li>- High Capacity DS3</li> <li>- OC3</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>\$ 25.50</li> <li>\$ 55.71</li> <li>\$ 527.11</li> <li>\$1291.54</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Direct Trunked Transport</u> <u>Direct Trunked Facility</u> Per Mile <ul style="list-style-type: none"> <li>- Voice Grade</li> <li>- High Capacity DS1</li> <li>- High Capacity DS3</li> <li>- OC3</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>\$ 0.78</li> <li>\$ 13.00</li> <li>\$ 132.32</li> <li>\$ 185.25</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Direct Trunked Termination</u> Per Termination <ul style="list-style-type: none"> <li>- Voice Grade</li> <li>- High Capacity DS1</li> <li>- High Capacity DS3</li> <li>- OC3</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>\$ 20.34</li> <li>\$ 93.16</li> <li>\$ 830.16</li> <li>\$1245.24</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Multiplexing</u> Per Arrangement <ul style="list-style-type: none"> <li>- DS1 to DSO</li> <li>- DS3 to DS1</li> <li>- OC3 to DS3</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>\$ 61.64</li> <li>\$ 54.40</li> <li>\$ 45.30</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Tandem Switched Transport</u> <u>Tandem Switched Facility</u> Per Access Minute Per Mile <u>Tandem Switched Termination</u> Per Access Minute Per Termination <u>Tandem Switching</u> Per Access Minute Per Tandem</li> </ul>	<ul style="list-style-type: none"> <li>\$ .000101</li> <li>\$ .000890</li> <li>\$ .005182</li> </ul>
<ul style="list-style-type: none"> <li>- Tandem Switched Multiplexing Common Multiplexing Per Minute</li> </ul>	<ul style="list-style-type: none"> <li>\$0.000044</li> </ul>
<ul style="list-style-type: none"> <li>- Access Tandem Trunk Ports DS1 Access Tandem Trunk Ports <ul style="list-style-type: none"> <li>- Per Month</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>\$0.96</li> </ul>

## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.6 Rates and Charges (Cont'd)6.6.2 End Office

	<u>Rate</u>	
(A) <u>Local Switching</u>		
<u>Premium Rates</u>		
Per Access Minute		
1. Originating - LS2 Feature Groups A,B,C, and D	\$0.009205	
2. Terminating	\$0.0007	(R)
DS1 Dedicated Trunk Port		
- Per month		
- Originating	\$3.68	
- Terminating	\$0.00	(R)
Common Trunk Port		
- Per minute		
- Originating	\$0.000059	
- Terminating	\$0.000000	(R)
(B) <u>Information</u>		
Per 100 Access Minutes	\$0.00	

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ACCESS SERVICE



## ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)6.6 Rates and Charges (Cont'd)6.6.2 End Office (Cont'd)(D) Common Switching Optional Features

	<u>Monthly Non- Rate</u>	<u>Recurring</u>
(1) Carrier Identification Parameter - Per Trunk Group, Per End Office	\$65.00	\$28.00

ACCESS SERVICE

SECTION 6. SWITCHED ACCESS SERVICE (Cont'd)

6.6 Rates and Charges (Cont'd)

6.6.3	<u>Operator Transfer Service Charge</u>	<u>Rate</u>
	Per Call Transferred	\$0.00

6.6.4 Additional Testing

At the customer's request, the Telephone Company will perform testing at times other than installation. The charge for this service is the same as set forth in Section 7.4.6.

6.6.5	<u>Toll-Free Database Query Charge</u>	<u>Rate</u>
	Per Query	<u>Basic</u> <u>Enhanced</u>
		.004830 .012039

6.6.6	<u>Flexible Automatic Number Identification</u> <u>(Flex ANI)</u>	<u>Nonrecurring Charge</u>
	Per End Office, Per CIC	\$ 0.00

ISSUED: December 17, 2015

Vice President, Regulatory and Public Policy  
350 S. Loop 336 West  
Conroe, TX 77304

EFFECTIVE: January 1, 2016

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE7.1 General

Special Access Service provides a transmission path to connect customer designated premises, either directly or through a Telephone Company hub where bridging or multiplexing functions are performed. In addition Special Access Service provides a transmission path to connect a customer designated premise for a WATS Access Line directly to a WATS serving office. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

7.1.1 Channel Types

There are five types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications
- Bandwidth
- Speed (i.e., bit rate)
- Spectrum

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces those that they desire to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General7.1.1 Channel Types (Cont'd)

over a channel that is identified as a Telegraph Grade channel in this Tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Telegraph Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, or from 50 to 8000 Hz.

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56 kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at the rate of 1.544, 3.152, 6.312, 44,736 or 274.176 Mbps.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General7.1.1 Channel Types (Cont'd)

Detailed descriptions of each of the channel types are provided in 7.2 ("Service Descriptions") following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following.

7.1.2 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in 7.1.2(A) following)
- Channel Mileage (described in 7.1.2(B) following)
- Optional Features and Functions (described in 7.1.2(C) following)

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)(A) Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (C) following.

## (1) Channel Termination Charge

One Channel Termination charge always applies per customer designated premises at which the channel is terminated. The interexchange carrier point of termination is a customer designated premises. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

For Special Access Lines utilized in the provision of WATS service only one Channel Termination charge applies at the end-office serving wire center. A Channel Termination does not apply at the WATS serving office.

## ACCESS SERVICE

## SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)

## 7.1 General (Cont'd)

## 7.1.2. Rate Categories (Cont'd)

(B) Channel Mileage

- (1) The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premise for a Special Access Line utilized in the provisioning of WATS service and the associated WATS serving office, between a serving wire center associated with a customer designated premises and a Telephone Company hub or between two Telephone Company hubs. The rate is applied on a per-mile basis.
- (2) The Channel Mileage Termination rate category provides for the termination of transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premise and a Telephone Company Hub, between a serving wire center associated with a customer designated premise and a WATS serving office, or between two Telephone Company Hubs. All of these transmission facilities so terminated are categorized as Channel Mileage, as described above. One Channel Mileage Termination charge applies per end of each Channel Mileage segment in the Telephone Company's serving area. If the customer designated premises are served by the same serving wire center, there is no Channel Mileage Facility charge nor any Channel Mileage Termination Charge applicable.

## (C) Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.2. Rate Categories (Cont'd)(C) Optional Features and Functions (Cont'd)

may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combination of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following.

- Hubbing Functions
- Conditioning
- Transfer Arrangements

A hub is a Telephone Company-designated serving wire center at which bridging is performed. The bridging functions performed may be (1) to connect three or more customer-designated premises in a multipoint arrangement or (2) to connect full-time Program Audio services with part-time or occasional Program Audio services as set forth in 7.3.7 following. Telephone Company serving wire centers providing bridging are specified in National Exchange Carrier Tariff F.C.C. NO. 3.



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.2. Rate Categories (Cont'd)(C) Optional Features and Functions (Cont'd)

Descriptions of each of the available Optional Features and Functions are set forth in 7.2 following.

7.1.3 Service Configurations

There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

(A) Two-Point Service

A two-point service connects two customer designated premises or a customer designated premise and a WATS serving office.

Applicable rate elements are:

- Channel Termination(s)
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

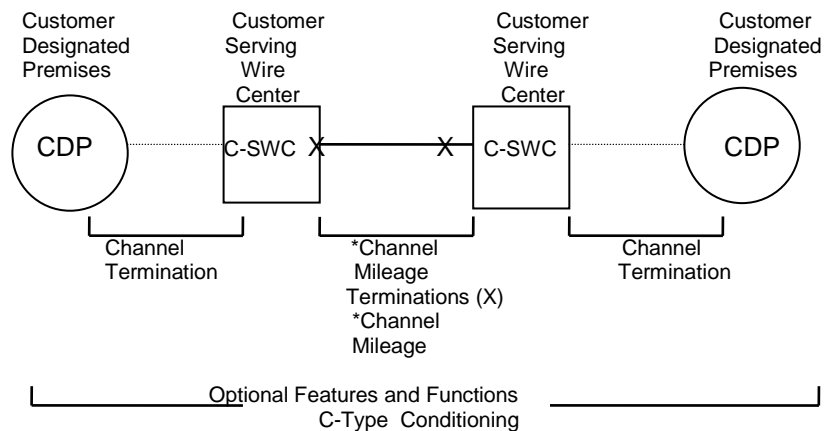
The Special Access Surcharge of \$25 and a Message Station Equipment Recovery Charge, as set forth in 7.3.2 and 7.3.3 following, may be applicable.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.3 Service Configuration (Cont'd)

## (A) Two-Point Service (Cont'd)

The following diagram depicts a two-point Voice Grade service connecting two customer-designated premises located 15 miles apart. The service is provided with C-Type conditioning.

**TWO-POINT SERVICE**

CT - Channel Termination  
 CM - Channel Mileage  
 CMT - Channel Mileage Termination  
 SWC - Serving Wire Center

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)

## (A) Two-Point Service (Cont'd)

Applicable rate elements are:

- Channel Terminations (two applicable, except for WATS Service where only one channel termination applies)
- Channel Mileage  
2 Channel Mileage Terminations  
1 Channel Mileage Per Mile
- C-Type Conditioning Optional Feature

## (B) Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company hub. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions set forth in 7.2 following.

The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided, the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, as set forth in 7.2 following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)

When ordering, the customer will specify the bridging hub(s) selected from a list that the Telephone Company will make available. The hub list will specify the type of bridging available at a specific location and the wire centers served from that hub.

Applicable Rate Elements are:

- Channel Terminations (one per customer-designated premises)
- Channel Mileage (as applicable between each designated customer premises and the hub and between hubs)
- Bridging
- Additional Optional Features and Functions (when applicable)

A Special Access Surcharge of \$25 and Message Station Equipment, Recovery Charge, as set forth in 7.3.2 and 7.3.3 following, may be applicable.

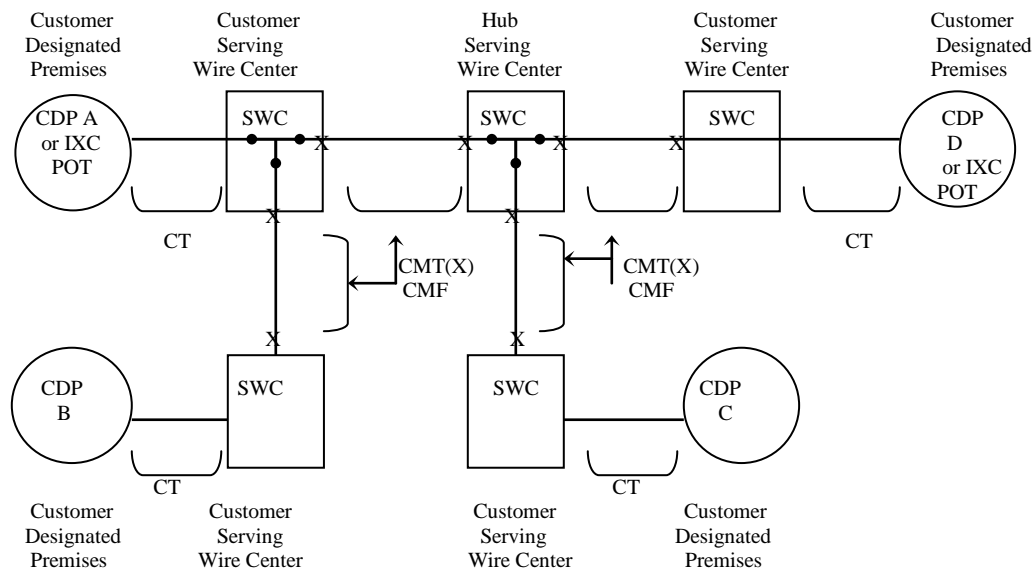
Example: Voice Grade multipoint service connecting four customer premises via two customer-specified bridging hubs.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service

The Special Access Surcharge, as set forth in 7.3.2 following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customers specified bridging hubs.



CT - Channel Termination  
CM - Channel Mileage  
CMT - Channel Mileage Termination  
- Bridging Port

Applicable rate elements are:

Channel Termination (four applicable)  
Channel Mileage Termination (eight applicable)  
Channel Mileage Facility (per number of miles)  
Bridging Optional Feature (six applicable, i.e., each bridge port)

ACCESS SERVICE

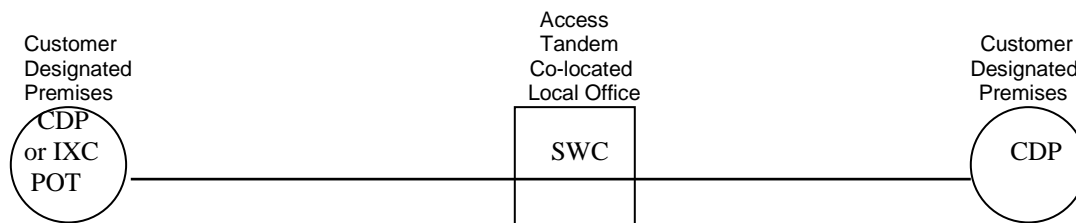
SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

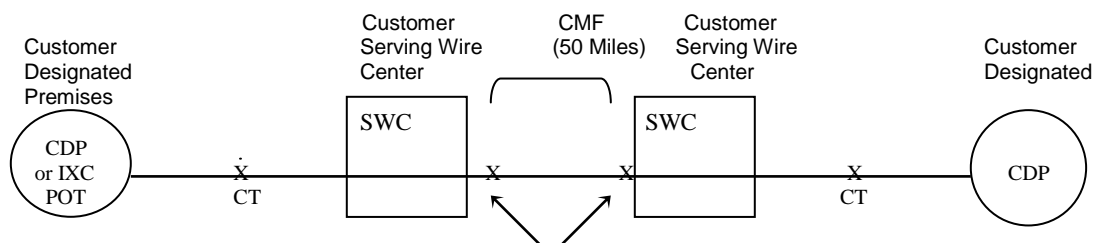
Example: The following diagram depicts a two-point DS3 service connecting two customer designated premises that has zero mileage and terminates in the same exchange.



Applicable rate elements are:

DS3 Channel Termination "CT" (two applicable)

Example: The following diagram depicts a two-point DS3 service connecting two customer designated premises that traverse fifty miles between serving wire centers.



Applicable rate elements are:

DS3 Channel Termination "CT" (two applicable)

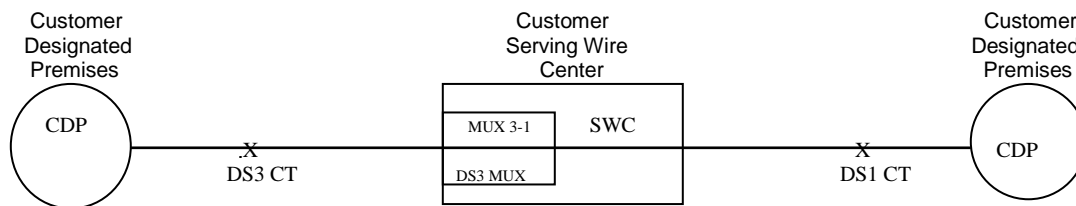
DS3 Channel Mileage Termination "CMT" (two applicable)

DS3 Channel Mileage Facility "CMF" (fifty miles)

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)

Example: The following diagram depicts a two-point DS3/DS1 muxed service connecting two Customer Designated Premises having zero mileage and terminating in the same exchange.



Applicable rate elements are:

DS3 Channel Termination "CT" (one applicable)  
 DS1 Channel Termination "CT" (twenty-eight applicable)  
 DS3/DS1 Muxing

ACCESS SERVICE

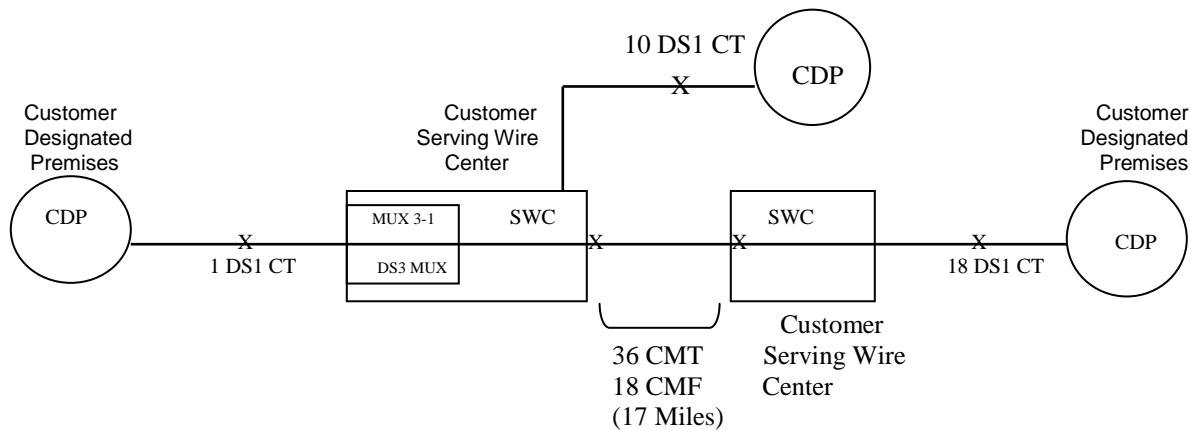
SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

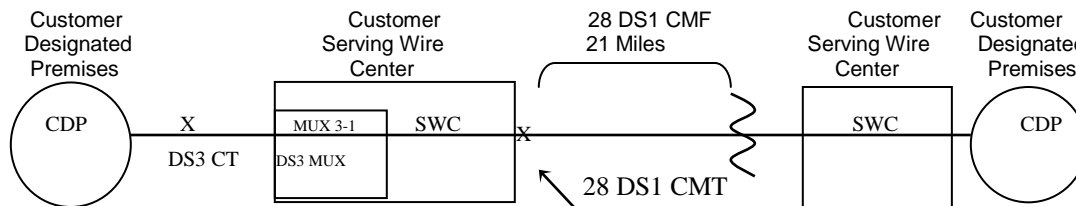
Example: The following diagram depicts a two point DS3/DS1 muxed service with 10 DS1's terminating within the same exchange and 18 DS1's traversing the second Service Wire Center exchange (17 Miles).



Applicable rate elements are:

- DS3 Channel Termination "CT" (one applicable)
- DS1 Channel Termination "CT" (twenty-eight applicable)
- DS1 Channel Mileage Termination "CMT" (thirty-six applicable)
- DS1 Channel Mileage Facility "CMF" (17 miles)
- DS3/DS1 Muxing

Example: The following depicts DS3/DS1 muxed service transferred to connecting carrier at meet point within the same exchange.



Applicable rate elements are:

- DS3 Channel Termination "CT" (one applicable)
- DS1 Channel Mileage Termination "CMT" (twenty-eight applicable)
- DS1 Channel Mileage Facility "CMF" (twenty-eight at 21 miles applicable)
- DS3/DS1 Muxing



## ACCESS SERVICE

## SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)

7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)7.1.4 Special Facilities Routing

- (A) The Telephone Company will make every reasonable effort to accommodate a customer's request that the facilities used to provide Special Access Service be specially routed. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Telephone Company provides Special Access Service in a manner which includes one or more of the following conditions:

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.4 Special Facilities Routing (Cont'd)Diversity

Two or more services must be provided over not more than two different physical routes.

Avoidance

A service must be provided on a route which avoids specified geographical locations.

Cable-Only Facilities

Certain Voice Grade services are provided on Cable-Only Facilities to meet the particular needs of a customer.

Service is provided subject to the availability of Cable-Only facilities. In the event of service failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

- (B) In order to avoid the compromise of special routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.4 Special Facilities Routing (Cont'd)

- (C) If the requested routing involves the use of existing Telephone Company plant, the provisions set forth in Section 5.2.4 ("Selection of Facilities for Access Orders") will apply. In all other cases, the Telephone Company will apply the following business hour labor rates for work performed during the business day or overtime rates for work performed outside normal business hours. These rates are in addition to all other rates and charges that may be applicable for services provided under other sections of this tariff.

Business Hours: \$63.00

Overtime: \$94.50

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.5 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 under this Tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

7.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation the following parameters:

- (A) For Voice Grade analog services, acceptance test will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order of service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For other analog services (i.e., Telegraph and Program Audio) and for digital services (i.e., Digital Data and High Capacity), acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.1 General (Cont'd)7.1.7 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in Section 5 preceding.

7.2 Service Descriptions

For the purposes of ordering, there are five categories of Special Access Service. These are:

Telegraph Grade  
Voice  
Program Audio  
Digital Data  
High Capacity

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described or referenced in this section.

A Special Access Line utilized in the provisioning of WATS service is provided as a Special Access Voice Grade Service as described or referenced in this section

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered, the customer will be notified whether additional engineering charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order. The channel description specifies the characteristic of the basic channel and indicates whether the channel is provided between customer-designated premises or between a customer-designated premises and a Telephone Company hub where bridging functions are performed. The available Technical Specifications Packages and compatible Channel Interfaces, and the availability of Optional Features and Functions with various Technical Specifications Packages are as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 5. The Channel Interface codes and Network Channel codes that the customer must specify when ordering the five categories of Special Access Service that are offered by the Telephone Company are also specified in the National Exchange Carrier Association Tariff F.C.C. No. 5.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.1 Telegraph Grade Service(A) Basic Channel Description

A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0 to 75 baud or 0 to 150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph Grade channels are provided between customer-designated premises or between a customer-designated premises and a Telephone Company hub.

(B) Optional Features and Functions(1) Telegraph Bridging (2-wire and 4-wire)(2) Telemetry and Alarm Bridging

Split Band, Active Bridging  
Passive Bridging  
Summation, Active Bridging

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated 2-wire or 4-wire. Voice Grade channels are provided between customer designated premises or between a customer-designated premises and a Telephone Company hub, or between a customer designated premises and a WATS serving office.

(B) Optional Features and Functions(1) Central Office Bridging Capability

- (a) Voice Bridging (2-wire and 4-wire)
- (b) Data Bridging (2-wire and 4-wire)
- (c) DATAPHONE Select-A-Station Bridging with sequential arrangement ports



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)(1) Central Office Bridging Capability (Cont'd)

- (d) Telemetry and Alarm Bridging Split Band, Active Bridging  
Passive Bridging  
Summation, Active Bridging

(2) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

For two-point service and Special Access Lines utilized in the provisioning of WATS service the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-Type conditioning and Data Capability may be combined on the same service.

(a) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)(2) Conditioning (Cont'd)(a) C-Type Conditioning (Cont'd)

distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion  
(Frequency Response)  
Relative to 1004 Hz

<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-32--	-2.0 to +6.0

Envelope Delay  
Distortion

<u>Frequency Range (Hz)</u>	<u>Variation (microseconds)</u>
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)(2) Conditioning (Cont'd)(b) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with 4-wire DA or NO type channel interfaces.

(3) Customer-Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective 4-wire transmission. The ranges are delineated in the Technical Reference PUB 62501.

(4) Improved Return Loss

- (a) On Effective 4-Wire Transmission at 4-wire Point of Termination (applicable to each 2-wire port): Provides for a fixed 600 ohm impedance, variable level range

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)(4) Improved Return Loss (Cont'd)

and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference PUB 62501.

- (b) On Effective 2-wire Transmission at 2-wire Point of Termination:  
Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be 4-wire at one POT and 2-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the 2-wire POT. The Improved Return Loss parameters are delineated in Technical Reference PUB 62501.

(5) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)

## (5) Data Capability (Cont'd)

C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

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

- Signal to C-Notched Noise Ratio is equal to or greater than 32 dB
- Intermodulation distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38 dB.
- Signal to third order modulation products (R3) is equal to or greater than 42 dB.

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.2 Voice Grade Service (Cont'd)(B) Optional Features and Functions (Cont'd)(6) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

(7) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key-activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Program Audio Service(A) Basic Channel Description

A Program Audio channel is a channel measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer-designated premises or between a customer-designated premises and a Telephone Company hub.

(B) Optional Features and Functions(1) Central Office Bridging Capability

Distribution Ports

(2) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0 dB  $\pm$  0.5 dB.

(3) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications.  
(Additional Program Audio channel must be ordered separately.)

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Program Audio Service (Cont'd)(B) Optional Features and Functions (Cont'd)(3) Stereo (Cont'd)7.2.4 Digital Data Service(A) Basic Channel Description

A Digital Data channel is a channel for duplex 4-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, or 56 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company-designated hubs and are provided between customer-designated premises or between a customer-designated premises and a Telephone Company hub.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 Digital Data Service (Cont'd)(A) Basic Channel Description (Cont'd)

Data channel at the customer premises. The interim program for interconnection of such equipment is set forth in the Technical Reference PUB AS No. 1.

(B) Optional Features and Functions(1) Central Office Bridging Capability(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer-designated premises. This arrangement is only available at a Telephone Company-designated hub. A key-activated or dial-up control service is required to operate

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 Digital Data Service (Cont'd)(B) Optional Features and Functions (Cont'd)(2) Transfer Arrangement (Cont'd)

the transfer arrangement. A spare channel, if required, is not included as part of the option.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.5 High Capacity Service7.2.5.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. In addition, 1.544 Mbps and 44.736 Mbps High Capacity Service channels may be provided between a customer designated premises and a Telephone Company designated DSL Access Service Connection Point.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

A term discount is available for High Capacity Service. Section 7.3.9(A) following, specifies the conditions under which a term discount is applicable.

Rates and charges for Special Access High Capacity Service are as set forth in 7.4.7 following.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.5 High Capacity Service (Cont'd)7.2.5.2 Technical Specifications Packages and Network Channel InterfacesParameters

## Error-Free Seconds

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

## Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-15	1.544 Mbps (DS1)

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.5 High Capacity Service (Cont'd)7.2.5.3 Optional Features and Functions(A) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises. Equipment at the customer designated premises will be provided under tariff only if it existed in the Telephone Company inventory as of November 18, 1983.

(B) Transfer Arrangement

An arrangement that affords the customer an additional measure of Flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare of working channel that terminates in either the same or a different customer designated premises. A spare channel, if required, is not included as part of the option.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)7.2.5 High Capacity Service (Cont'd)7.2.5.3 Optional Features and Functions (Cont'd)(C) Central Office Multiplexing(1) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data Service.

(2) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(3) DS0 to Subrate

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

(4) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(5) OC3 to DS3

An arrangement that converts a 155.52 Mbps channel to 3 DS3 channels using digital time division multiplexing.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.2 Service Descriptions (Cont'd)

## 7.2.6 Synchronous Optical Channel Service

A Synchronous Optical Channel Service channel provides dedicated transport utilizing Synchronous Optical Network (SONET) transmission standards. Synchronous Optical Channel Service provides optical network capability to customers requiring transmission rates of 155.52 Mbps (OC3). Synchronous Optical Channel Service is provided between two customer designated premises (CDP) through one or more Telephone Company wire centers or between a CDP and a wire center equipped for Add/Drop Multiplexing (ADM).

The customer may provide node and port equipment at the CDP which allows the high speed optical carrier channel to be converted to an electrical signal at a lower speed. The provision of such equipment by the customer is subject to compatibility with the Telephone Company's equipment in the serving wire center and must comply with the Telephone Company specified standards.

The OC3 channel is available in a non-concatenated format (OC3) which provides three individual signals. The OC3 channel is also available in a concatenated format (OC3c) which provides a single signal appropriate for data transmissions.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations

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

7.3.1 Types of Rate Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.1 Types of Rate Charges (Cont'd)(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are flat recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio Special Access Service is provided for part-time or occasional use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time or occasional Program Audio Service provided within a consecutive 30-day period will be charged the daily rate, not to exceed an amount equal to the monthly rate. For each subsequent day or part day, a charge equal to 1/30 of the monthly rate shall apply.

(C) Nonrecurring Charges

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

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.1 Types of Rate Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set forth in 7.4 following as a nonrecurring charge for the Channel Termination rate element.

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Program Audio Gain Conditioning
- Program Audio Stereo
- Multiplexing

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.1 Types of Rate Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth in (C) and (3) following, or that involve actual physical change to the service.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.3.5 following.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

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

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

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.1 Types of Rate Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

- 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.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.1 Types of Rate Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

- For all other charges, including the addition of optional feature or function without a separate nonrecurring charge, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

7.3.2 Surcharge for Special Access Service(A) General

The Special Access Charge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include but are not limited to wiring and software functions, bridging, switching or patching of calls or stations.

The monthly Special Access Surcharge applies to Special Access facilities on a per voice equivalent basis as shown in the following example.

<u>Special Access Facility</u>	<u>Voice Grade Equivalent</u>	<u>Surcharge</u>	<u>Monthly Charge</u>
Group	12	x \$25	= \$300.00
DS1	24	x \$25	= \$600.00

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.2 Surcharge for Special Access Service (Cont'd)(A) General (Cont'd)

In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a Special Access channel at an end user's premises.

The Telephone Company will bill the customer who orders the Special Access facility the Special Access Surcharge on each Special Access facility installed unless the Special Access is exempt from the surcharge as set forth in (B) following.

(B) The Special Access facility will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the interstate special access facility termination is one of the following:

- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) an analog channel termination that is used for radio or television program transmission; or
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.2 Surcharge for Special Access Service (Cont'd)

- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access facility accesses only FGA and no local exchange lines, or Special Access facility between customer points of termination, or Special Access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access facility to a local exchange subscriber line.

(C) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification that the Special Access facility has become exempt from the surcharge, as set forth in (B) preceding, is received. If the status of the Special Access facility was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.2 Surcharge for Special Access Service (Cont'd)

(D)	<u>Rate</u>	<u>Monthly Rate</u>
	Surcharge for Special Access Service Per Voice Grade Equivalent *	\$25.00

7.3.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket No. 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984, and released on November 9, 1984, this charge is assessed only to those customers to which



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.3 Message Station Equipment Recovery Charge (Cont'd)

the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery is set forth in 7.4.5 following.

7.3.4 Minimum Periods

The minimum service period for all services except part-time and occasional Program Audio services is one month. The minimum service period for part-time and occasional Program Audio services is one day (i.e., a continuous 24-hour period, not limited to a calendar day).

7.3.5 Moves

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

- The Point of Termination at the customer designated premises.
- The customer designated premises

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

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.5 Moves (Cont'd)(B) Moves to a Different Building

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

7.3.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premise for a Special Access Line utilized in the provisioning of WATS service and the associated WATS serving office, a serving wire center associated with a customer designated premises and a Telephone Company hub, or Two Telephone Company hubs. The serving wire center associated with a customer designated premises is the serving wire center from which this customer designated premises would normally obtain dial tone.

To determine the rate to be billed, compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff FCC NO. 3. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rate.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.6 Mileage Measurement (Cont'd)

When hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer-designated premises serving wire center to hub, hub to hub, and/or hub to customer-designated premises serving wire center. However, when any service is routed through a hub for purposes other than customer-specified bridging (e.g., the Telephone Company chooses to so route for test access purposes or limits the availability of a hub for reasons other than technical necessity), rates will be applied only to the distance calculated between the serving wire centers associated with the customer-designated premises.

7.3.7 Facility Hubs

A customer has the option of ordering Voice Grade service or High Capacity services (i.e., DS1) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub. NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 3 identifies serving wire centers, hub locations and the type of multiplexing functions available.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.7 Facility Hubs (Cont'd)

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade not High Capacity.

Although not requiring multiplexing, the Telephone Company will designate certain hubs for Program Audio Services. Full-time service will be provided between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 7.4.3 following for a Channel Termination, Optional Features and Functions, and Channel Mileage, as applicable. The customer may order part-time and occasional Program Audio services as needed between that hub and a second customer-designated premises. The rate elements required to provide the part-time or occasional service (i.e., Channel Termination, Optional Features and Functions, and Channel Mileage, as applicable) will be billed at daily rates for the duration of the service requested.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.8 Mixed Use Analog and Digital High Capacity Services

Mixed Use refers to a rate application applicable only when the customer orders High Capacity Special Access facilities between customer designated premises and a Telephone Company hub where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services. If the customer has Switched Access Service between a customer designated premises and an end office that is multiplexed at a telephone company hub and subsequently orders the derived channels as special and Switched Access Service, rates and changes will apply as if the service were ordered as Mixed Use.

Except as noted above, the High Capacity facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexing Arrangements). The nonrecurring charge that applies when the mixed use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the mixed use facility.

When Special Access Service is provided utilizing a channel of the mixed use facility to a hub, High Capacity rates and charges will apply for the facility to the hub as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.8 Mixed Use Analog and Digital High Capacity Services (Cont'd)

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Channel Termination, Channel Mileage, and Multiplexing rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). Switched Access Service rates and charges, as set forth in 6.6 preceding will apply for each channel of the standard use facility that is used to provide a Switched Access Service. Additionally, the Switched Access Service Entrance Facility, Direct Trunked Transport, and Multiplexing charges, if applicable, will be reduced by multiplying their respective rates by ratio of derived Switched Access Service channels to the total number of Voice Grade channels that can be derived.

The customer must place an order for each individual Switched or Special Access Service utilizing the Mixed Use Facilities and specify the channel assignment for each such service.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.9 Optional Rate Plans(A) High Capacity Optional Rate Plan

The High Capacity Optional Rate Plan offers a Term Discount. The Term Discount plan applies to Special Access DS1 and DS3 High Capacity Service Channel Termination, Channel Mileage Facility and Channel Mileage Termination monthly rates, as set forth following. The current monthly rates for such services are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the service commitment period selected by the customer. The Term Discount percentages for High Capacity Service are as set forth in Section 7.4.7(D), following.

(1) Term Discounts

DS1 and DS3 High Capacity Special Access Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all Term Discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered.

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term discount percentage as set forth in Section 7.4.7(D) following, will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period.

If a Term Discount percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the Current Term Discount Plan.

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates.

To be included in a Term Discount plan, all eligible High Capacity rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.9 Optional Rate Plans (Cont'd)(A) High Capacity Optional Rate Plan (Cont'd)

Eligible DS1 or DS3 High Capacity rate elements are those Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations provided to a customer. As long as the number of DS1s or DS3s included in a Term Discount plan remains constant, customer requests to install and disconnect DS1 or DS3 services, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (c), following, will not apply.

(a) Upgrades in Term Discounts

Services provided under monthly rates or Term Discount rates may be upgraded to a Term Discount plan at any time without incurring Channel Termination nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month, or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all High Capacity Service that is upgraded.



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.9 Optional Rate Plans (Cont'd)(A) High Capacity Optional Rate Plan (Cont'd)(b) Upgrades in Capacity (DS1 to DS3)

If the customer chooses to upgrade a service under the Term Discount rate plan to a higher capacity (i.e., DS1 to DS3), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing DS1 Service and the installation of the new DS3 Service are received at the same time and specifically reference the application of upgrade in capacity,
- the customer's disconnect order for the existing DS1 Service must reference the DS3 Service installation order,
- the new service has a total voice equivalent channel capacity greater than the total voice equivalent channel capacity of the service being discontinued and,
- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

A new minimum service period applies to all upgrades. Channel Termination nonrecurring charges for an equivalent channel capacity of the existing services being upgraded to the higher speed service will not be assessed. For example, 30 existing DS1 Services are being upgraded to DS3 Service at the customer's request. A total of 2 DS3 Services will be installed without Channel Termination nonrecurring charges being assessed, as it will require 2 DS3 Services to provide the equivalent channel capacity of the existing services. Channel Termination nonrecurring charges will not apply to the upgraded lower speed services placed on the higher speed service if requested at the same time as the upgrade request. Channel Termination nonrecurring charges will apply for capacity that exceeds the existing equivalent channel capacity.

Should the customer choose to upgrade either a portion of, or the entire DS1 Service under the Term Discount plan to a DS3 Service and move the service to a new customer location(s), and when service is provided by the same telephone company, discontinuance charges will not apply.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.3 Rate Regulations (Cont'd)7.3.9 Optional Rate Plans (Cont'd)(A) High Capacity Optional Rate Plan (Cont'd)(c) Discontinuance of Service

If the customer chooses to disconnect all or a portion of the service prior to the expiration of the Term Discount period, discontinuance charges will apply to the portion of the service being discontinued. Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent for DS1 service, and fifty percent for DS3 service, of the total undiscounted monthly charges will apply to the remaining portion of the discount service term.

Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent for DS1 Service, and fifty percent for DS3 Service, of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has a DS1 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 7 months times the undiscounted monthly rates for that service.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.1 Telegraph Grade Service

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) <u>Channel Termination Charge</u> Per Point of Termination		
- 2-Wire	\$18.84	\$81.59
- 4-Wire	\$27.10	\$81.59
(B) <u>Channel Mileage</u> Per Mile	\$ 0.83	None
(C) <u>Optional Features and Functions</u>		
(1) <u>Telegraph Bridging</u> Per Port		
- 2-Wire	\$2.60	None
- 4-Wire	\$2.60	None
(2) <u>Active Bridging Channel</u> <u>Connections Split Band</u> Per Channel Connected	\$8.99	None
<u>Summation</u> Per Channel Connected	\$2.73	None

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.1 Telegraph Grade Service (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Optional Features and Functions</u> (Cont'd)		
<u>Passive Bridging</u>		
<u>Channel Connections</u>		
Per Channel Connected	\$ .20	None

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 Voice Grade Service including WATS Access Lines

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) <u>Channel Termination Charge</u> Per Point of Termination		
- 2-Wire	\$18.84	\$81.59
- 4-Wire	\$27.10	\$81.59
(B) <u>Channel Mileage</u> Fixed Per Termination	\$ 21.62	None
Per Mile	\$ 0.83	None
(C) <u>Optional Features and Functions</u>		
(1) <u>Bridging</u>		
(a) <u>Voice Bridging</u> Per Port		
- 2-Wire	\$0.42	\$0.00
- 4-Wire	\$0.42	\$0.00
(b) <u>Data Bridging</u> Per Port		
- 2-Wire	\$0.42	None
- 4-Wire	\$0.42	None

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 Voice Grade Service including WATS Access Lines (Cont'd)

		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C)	<u>Optional Features and Functions</u> (Cont'd)		
	(1) <u>Bridging</u> (Cont'd)		
	(c) DATAPHONE Select-A <u>Station Bridging</u>		
	Sequential Arrangement Ports		
	- Per 2-wire channel connected	\$0.42	None
	- Per 4-wire channel connected	\$0.42	None
	(d) <u>Telemetry and Alarm Bridging</u>		
	Active Bridging Channel Connections Split Band		
	- Per channel connected	\$0.42	None

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 Voice Grade Service including WATS Access Lines (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Optional Features and Functions</u> (Cont'd)		
(1) <u>Bridging</u> (Cont'd)		
(d) <u>Telemetry and Alarm Bridging</u> (Cont'd)		
Summation		
- Per channel connected	\$0.42	None
Passive Bridging Channel Connections		
- Per channel connected	\$.20	None
(2) <u>Conditioning</u>		
- Per Point of Termination		
- C-Type	\$4.53	None
- Sealing Current	None	None

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 Voice Grade Service including WATS Access Lines (Cont'd)

		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C)	<u>Optional Features and Functions</u> (Cont'd)		
	(3) <u>Improved Return Loss</u>		
	- Per point of termination		
	- 2-Wire	\$3.26	None
	- 4-Wire	\$3.35	None
	(4) <u>Customer-Specified Receive Level</u>		
	- Per 2-wire point of termination	None	None
	(5) <u>Data Capability</u>		
	- Per point of termination	\$0.42	\$163.19



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 Voice Grade Service including WATS Access Lines (Cont'd)

		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C)	<u>Optional Features and Functions</u> (Cont'd)		
	(6) <u>Selective Signaling Arrangement</u>		
	- Per arrangement	\$11.87	None
	(7) <u>Transfer Arrangement</u> (key-activated or dial-up)		
	- Per four-port arrange- ment, including control channel termination*	\$5.90	None
	- Per five-port arrange- ment, including control channel termination*	\$5.90	None

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

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.3 Program Audio Service

(A)	<u>Channel Termination</u> Per Point of Termination	Monthly	Daily*	Nonrecurring
		<u>Rates</u>	<u>Rates</u>	<u>Charges</u> <u>Monthly*</u>
	200- 3500 Hz	\$18.39	\$3.59	\$81.59
	100- 5000 Hz	\$19.03	\$3.59	\$81.59
	50- 8000 Hz	\$19.67	\$3.59	\$81.59
	50-15000 Hz	\$35.91	\$3.59	\$81.59

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.3.1 (B) preceding.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.3 Program Audio Service

(B)	<u>Channel Mileage</u>	Monthly	Daily
		Rate <u>Per Mile</u>	Rate* <u>Per Mile</u>
	(1) 200 to 3500 Hz	\$ 0.83	\$ .059
	(2) 100 to 5000 Hz	\$ 1.66	\$ .059
	(3) 50 to 8000 Hz	\$ 2.49	\$ .059
	(4) 50 to 15000 Hz	\$ 0.59	\$ .059

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.3.1(B) preceding.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.3 Program Audio Service (Cont'd)(C) Optional Features and Functions

	<u>Monthly Rates</u>	<u>Daily* Rates</u>	<u>Nonrecurring Charges Monthly*</u>
(1) Bridging - Per Distribution Port	\$3.40	\$.34	None
(2) Gain Conditioning - Per service	\$5.16	\$.51	\$163.19
(3) Stereo - Per service	\$5.16	\$.51	\$163.19

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.3.1(B) preceding.

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.4 Digital Data Service

		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A)	<u>Channel Termination Charge</u> Per point of termination		
	- 2.4 kbps	\$25.61	\$240.00
	- 4.8 kbps	\$25.61	\$240.00
	- 9.6 kbps	\$25.61	\$240.00
	- 56/64 kbps	\$26.25	\$240.00
		<u>Monthly Rates</u>	
		<u>Fixed Per</u>	<u>Per</u>
(B)	Channel Mileage	<u>Termination</u>	<u>Mile</u>
	(1) 2.4 kbps	\$ 32.90	\$0.83
	(2) 4.8 kbps	\$ 32.90	\$0.83
	(3) 9.6 kbps	\$ 32.90	\$0.83
	(4) 56/64 kbps	\$ 41.97	\$1.60
(C)	Optional Features and Functions		
		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
	(1) Bridging - Per port	\$ 2.60	\$67.50
	(2) Loop Transfer Arrangement - Per four-port arrangement*	ICB	ICB

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

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.4 Digital Data Service (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Channel Service Unit*		
- Per Point of Termination where provided		
- 2.4 kbps	\$ 9.20	\$269.99
- 4.8 kbps	\$ 9.20	\$269.99
- 9.6 kbps	\$ 9.20	\$269.99
- 56.0 kbps	\$44.53	\$269.99

## 7.4.5 Message Station Equipment Recovery Charge

	<u>Monthly Rate</u>
Per Special Access Surcharge Assessed	\$0.00

## 7.4.6 Additional Testing

At the customer's request, the Telephone Company will test the parameters cited in 7.1.6 preceding at times other than installation. The applicable charge is:

Additional Testing	\$63.00
Per Hour	

Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.7 High Capacity Service

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination Per Termination		
- DS1	\$ 81.00	\$ 251.00
- DS3	\$766.11	\$ 251.00
(B) Channel Mileage		
- DS1	\$ 18.90	
- DS3	\$ 132.32	
(C) Channel Mileage Termination Per Termination		
- DS1	\$ 148.24	
- DS3	\$ 830.16	
(D) Term Discounts DS1 and DS3 Services		<u>Pertentage</u>
36 Months		10%
60 Months		20%

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.7 High Capacity Service (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions		
(1) Multiplexing - per arrangement		
DS1 to DS0	\$ 89.60	\$ 0.00
DS3 to DS1	\$54.40	\$ 0.00
DSO to Subrates		
- Up to 20 2.4 kbps services	ICB	ICB
- Up to 10 4.8 kbps services	ICB	ICB
- Up to 5 9.6 kbps services	ICB	ICB



## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)7.4.7 High Capacity Service (Cont'd)

		<u>Monthly Rates</u>
(C)	Optional Features and Functions (Cont'd)	
	(2) Automatic Loop Transfer Per Arrangement*	ICB
	(3) Transfer Arrangement Per four port arrangement including control channel termination**	ICB

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

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

## ACCESS SERVICE

SECTION 7. SPECIAL ACCESS SERVICE (Cont'd)7.4 Rates and Charges (Cont'd)

## 7.4.8 Synchronous Optical Channel Service

	Monthly	Nonrecurring
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(A) Channel Termination		
Per Termination		

-OC3/OC3c 155.52 Mbps	\$1291.54	\$ 310.00
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(B) Channel Mileage Facility		
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-OC3/OC3c155.52 Mbps	\$ 185.25	
----------------------	-----------	--

(C) Channel Mileage Termination		
Per Termination		

-OC3/OC3c 155.52 Mbps	\$ 1245.24	
-----------------------	------------	--

(D) Multiplexing		
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OC3 to DS3	\$ 45.30	\$ 0.00
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## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES

8.1 Telecommunications Service Priority (TSP) System8.1.1 General

The TSP System is a service, developed to meet the requirements of the TSP Program office, which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services. NSEP services are those critical to the maintenance of a state of readiness or the response to and management of any event or crisis which causes or could cause harm to the population, damage property or threaten the security of the United States. These include both Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

Restoration means the repair or returning to service of one or more telecommunication services that have experienced a service outage or are unusable for any reason, including a damaged or impaired telecommunications facility. Such repair or returning to service may be done by patching, rerouting, substitution of component parts or pathways, and other means as determined necessary by a service vendor. Provisioning means the act of supplying telecommunications service to a user, including all associated transmission, wiring and equipment.

Priority Installation and/or restoration of NSEP telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCS) Handbook 3-1-2 available August 1990.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.1 General (Cont'd)

The elements required for the TSP System are included in other sections of this tariff as general service offerings. They have been repeated in this section to reflect the complete TSP System with appropriate references to those other sections of the tariff for regulations, rates and charges.

The customer for TSP System Service also must be the same customer for the Access Service with which it is associated.

Under certain conditions it may be necessary to preempt one or more customer services with a lower or no restoration priority in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary, and if circumstances permit, the Telephone Company will make reasonable effort to notify the preempted service customer of the action to be taken. Credit allowance for such service preemption shall be made in accordance with the provisions set forth in 2.4.3 of this tariff.

The customer, in obtaining TSP System service, acknowledges and consents to the provision of certain customer service record information by the Telephone Company to the Federal TSP Program office in order for the TSP Program office to maintain and administer its overall TSP System. This customer service record information will include only customer name, TSP Authorization Code, Telephone Company Circuit/Service ID, customer telephone number and customer mailing address.

When Priority Restoration Maintenance and Administration is discontinued (Revocation of Assigned Restoration Priority), and the associated Access Service is continued in service, no charge applies for such a discontinuance.

Credit allowance for service interruption for Priority Restoration Maintenance and Administration shall be the same as for the Access Service with which it is associated as set forth in 2.4.3 of this tariff.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.1 General (Cont'd)

With regard to the regulations in Section 2.1.5 of this tariff for Additional Labor notwithstanding, the Telephone Company, when performing Priority Restoration (Repair) of an Access Service in compliance with Part 64.401, Appendix A, of the FCC's Rules and Regulations, will attempt to notify the customer in advance where additional labor is undertaken. However, due to circumstances beyond the Telephone Company's control, the customer accepts that notification may not be possible and grants the Telephone Company permission to proceed with the Restoration of service and quote charges after restoration has been completed.

In subscribing to TSP service, the customer recognizes and agrees to adhere to these conditions.

An access service customer requesting a TSP number will follow the ordering procedures as set forth in Part 64.401, Appendix A, of the FCC's Rules and Regulations. Once the customer has obtained a TSP number(s), the customer will contact the Telephone Company and request TSP service using an Access Service Request order.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.2 Obtaining TSP System Service

The Executive Office of the President through the TSP Program Office, is empowered with the authority to receive, evaluate and process requests for NSEP services. The TSP Program Office makes the priority level assignments and issues the TSP authorization code reflecting the priority assignment associated with a request. The customer provides the TSP authorization code, in addition to all the other details necessary to complete the access order to the Telephone Company to obtain TSP System service.

The TSP authorization code, assigned on a per access order basis, consists of a 12-character field consisting of a nine-character control ID followed by a dash and a two-character field specifying the priority level assignment. Its structure is as follows:

TSPxxxxxn-yy

The "x"s represent a sequence of numbers unique to each TSP authorization code and the "n" is a one character alphanumeric check digit. The first "y" contains the provisioning priority level assignment and the second "y" contains the restoration priority level assignment.

8.1.3 Provisioning Priority

If the customer requires service within a shorter time interval than the Telephone Company can provide, and the requested service qualifies for NSEP, the customer may elect to invoke NSEP Treatment and obtain the appropriate provisioning priority assignment from the TSP Program Office. Acceptable assignment code values are: E, 1, 2, 3, 4, 5 or 0.

The assignment of the value "E" denotes Emergency Provisioning and implies the service has the most critical provisioning requirements and the Telephone Company will respond accordingly. The Telephone Company will take immediate action to provide the requested service at the earliest possible date.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.3 Provisioning Priority (Cont'd)

The assignment values of 1, 2, 3, 4 and 5 are treated as essential service priorities and the Company will adjust its available resources to meet the customer's requested due date. The value "0" implies no provisioning priority.

8.1.4 Restoration Priority

A TSP authorization code for restoration priority classifies the service as being among the nation's most important NSEP telecommunications services. The Company will restore these services before services without restoration priority assignments in the order of priority assignments. Acceptable values are: 1, 2, 3, 4, 5 or 0 with the value "1" being the highest priority.

When the Company recognizes a TSP as being out of service, unusable or receives a trouble report, available resources will be dispatched to restore the service as quickly as practicable. A priority value of 1, 2 or 3 requires dispatch outside normal business hours if necessary to restore the service. A priority value of 4 or 5 only requires dispatch outside of normal business hours if the next business day is more than 24 hours away. If the value "0" has been assigned, then no restoration priority is applicable to this service.

The minimum period for service is one month.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.5 Obligations Of The Customer

In all instances, the customer is responsible for obtaining the appropriate TSP authorization code and providing that code to the Telephone Company.

The TSP System service customer must also be the Customer for the service with which TSP service is associated. Only the customer or its authorized agent as indicated in a letter of agency on file with the Telephone Company is allowed to order TSP System service.

All points of a multipoint service configuration must have the same restoration priority assignment and must satisfy the requirements of that assignment.

In obtaining TSP System service, the customer consents to the release of certain information by the Telephone Company to the federal government in order to maintain and administer the TSP System. Such information includes: the customer's name, telephone number and mailing address, the TSP authorization code and the circuit or service ID number associated with the NSEP service.

The Telephone Company will attempt to notify the customer of expected charges. The customer when invoking NSEP Treatment, recognizes that quoting charges and obtaining permission before-hand may not be practicable and may cause unnecessary delays and, as a result, grants the Telephone Company the right to quote and bill charges after provisioning of the service.

During certain emergencies, the customer may request TSP assignments verbally and the Telephone Company will accept such verbal notification. The customer must submit a written access order to the Telephone Company within two working days following the verbal request. If the written access order is not received within two working days, all applicable rates and charges accumulated to date to provision TSP System service, become immediately due and payable and the requested TSP priority is revoked.



## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.1 Telecommunications Service Priority (TSP) System (Cont'd)8.1.5 Obligations Of The Customer (Cont'd)

The customer must request and justify revalidation of all priority level assignments at least every three years.

Additionally, the NCS Manual 3-1-1, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", available August 1990 prescribes specific conditions which warrant NSEP Treatment and related procedures.

8.1.6 Obligations Of The Telephone Company

The Telephone Company will allocate resources to ensure best efforts to provide NSEP services by the time required.

The Telephone Company will work TSP System services in the order of their priority level assignments. The priority sequence is as follows:

- Restore NSEP services assigned restoration priority 1
- Provision Emergency (E) NSEP services
- Restore NSEP services assigned restoration priority 2, 3, 4 or 5.
- Provision NSEP services assigned provisioning priority 1, 2, 3, 4 or 5.

The Telephone Company will work cooperatively with other providers of NSEP service when only a portion is provided by the Telephone Company to ensure "end-to-end" service.

Additionally, TSP System service will be provided in accordance with the guidelines set forth in NCS Handbook 3-1-2, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" available August 1990.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.2 Operator Services

Operator Services described in this Section will be provided to customers as an optional feature in conjunction with Feature Group C (FGC) or Feature Group D (FGD) Switched Access Services from Telephone Company Operator Service switching locations, Operator Services include the Operator Transfer function which enables a customer to provide operator related services to their end users.

8.2.1 General Description8.2.1.1 Operator Transfer Service (OTS)

Operator Transfer Service is an originating service that provides call routing of 0- (the digit 0 with no additional digits) interLATA calls to a participating customer as requested by the calling end user. Operator Transfer Service is provided when an end user dials "0" and is routed to the Telephone Company's operator requesting assistance in completing an interLATA call.

When a 0- call originates from an end office not converted to equal access, the operator will transfer the 0- call, via FGC, to AT&T. When a 0- call originates from an end office converted to equal access, the operator will ask the end user to identify the participating customer to which they desire to be connected. The operator will then transfer the 0- call, via FGD, along with Automatic Number Identification to the designated customer.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.2 Operator Services (Cont'd)8.2.1 General Description (Cont'd)8.2.1.1 Operator Transfer Service (OTS) (Cont'd)

If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of participating customers. The list of participating Operator Transfer Service customers will be updated monthly. The order in which participating customers will appear on the list will be initially determined by use of a lottery. For each subsequent monthly update, following the initial selection, the customers in the first position will be moved to the last position on the list. All other customers will be moved up one position. New Operator Transfer Service customers will be placed at the bottom of the list of participating customers pending the next monthly update.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.2 Operator Services (Cont'd)8.2.1 General Description (Cont'd)8.2.1.2 Undertaking of the Telephone Company

- (A) The Telephone Company will provide Operator Transfer Service for calls originating from or telephone numbers associated with exchange service lines in end offices served by the Operator Service switching location.
- (B) Operator Services will be provided over FGC or FGD switched service trunks, arranged for either one-way or two-way calling, from the Operator Service switching location to the customer's premises. Where required by technical limitations, a separate FGC or FGD trunk group will be established for Operator Service. Both Operator Transfer and Inward Assistance traffic may be combined on the same trunk group. The Operator Service switching location will provide trunk answer and disconnect supervisory signaling to the customer.
- (C) Operator Services will be provisioned in accordance with the technical specifications and requirements set forth in Section 6 preceding for FGC or FGD Switched Access Services.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.2 Operator Services (Cont'd)8.2.1 General Description (Cont'd)8.2.1.3 Obligations of the Customer

- (A) The customer must order, if none exists, FGC or FGD trunks from the customer's premises to the Operator Service switching location in accordance with Section 5 preceding. If the customer has existing FGC or FGD trunks to the Operator Service switching location, additional capacity may only be required. The customer, at its premises, shall provide the necessary on-hook, off-hook answering supervision and disconnect supervision.
- (B) Percentage of Interstate Usage (PIU) will be reported and determined as required in Section 6.4.1 preceding.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.2 Operator Services (Cont'd)8.2.2 Rate Regulations (Cont'd)

Rates and charges applicable to Operator Services are set forth in 6.6.3 preceding. In addition to the rates and charges applicable to Operator Services described in this Section, all nonrecurring charges associated with the ordering, installation, rearrangement and movement of FGC or FGD services as set forth in Section 6 will apply.

8.2.2.1 Operator Transfer Services(A) Operator Transfer Rate

The Operator Transfer Rate is assessed per 0- call transferred to a customer's operator. A 0- call is considered transferred when the Telephone Company operator activates the switch transferring the call to the designated customer.

(B) Switched Access Charges

Premium FGC or FGD Switched Access rates and charges as set forth in 6.6 preceding and Carrier Common Line Charges as set forth in 3.2 preceding will apply per minute of use for Operator Transfer Service.

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.3 Blocking Service8.3.1 International Blocking Service

The Telephone Company, upon request, will provide end office blocking of end user direct dialed 011+ or 10XXX+011+ or 101XXXX-011+ calls. This optional service is offered on a per line basis where facilities permit and is available for use with local exchange service offered in the Telephone Company's general or local exchange tariff.

Nonrecurring  
Charge

International Blocking Service,  
per line or trunk

\$ 3.00

8.3.2 900 Blocking Service

The Telephone Company will provide 900 Blocking Service to customers who obtain local exchange service from the Telephone Company under its general or local exchange tariffs and to customers who obtain Feature Group A Switched Access service under this tariff. This service is only provided at appropriately equipped end offices.

On each line or trunk for which 900 Blocking Service is ordered, the Telephone Company will block all direct dialed calls placed to a 900 number. When capable, the Telephone Company will route the blocked calls to a recorded message.

900 Blocking Service is provided upon request without charge.

8.3.3 Incoming Blocking Service

The Telephone Company will provide, upon request, Incoming Blocking Service to Payphone Service Providers (PSPs) who order local exchange service lines for the provision of pay telephone service. Incoming Blocking Service blocks all incoming calls and allows for outgoing service only.

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
Incoming Blocking Service per line	\$ 2.00	\$ 20.00

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.4 Billing Name and Address Service

The Telephone Company will provide Billing Name and Address (BNA) of subscribers with listed, non-published and unlisted numbers unless the subscriber requests that its BNA not be disclosed. The information will be provided to Telecommunications Service Providers for the limited purposes of billing a call, order entry, customer service, fraud prevention, and identification of customers who have moved from one location to another.

BNA will be provided on a detailed request basis or on a bulk BNA basis. Bulk BNA includes all BNA in the LEC's records.

The standard format for the detailed request for provisions of telephone number and billing name and address information will be the CARE (Carrier Account Record Exchange) format. If a non-standard format is requested by the Telecommunications Service Provider, a Programming Charge as indicated below will apply.

The Telecommunications Service Provider must order BNA and provide a test data tape at least 30 days prior to delivery of the first order.

Any Telecommunications Service Provider furnished BNA pursuant to this tariff, agrees to abide by all applicable rules, decisions, orders, statutes and laws concerning the disclosure of Billing Name and Address, and further agrees to use the information contained therein only for the purpose of billing for telecommunication services, order entry, customer service, fraud prevention, or identification of customers who have moved from one location to another.

BNA will be provided via magnetic tape or paper format, at the option of the Telecommunications Service Provider at the rates following. A per record charge is also applicable for each request. The charges apply to all requests including but not limited to records not found, duplicate requests, invalid request, and invalid information.



## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.4 Billing Name and Address Service (Cont'd)RATES AND CHARGESNon-Recurring Charge

Initial Account Set-up

\$200.00

Rate Per Customer Request

Paper Report Charge

\$ 65.00 per report

Per Record

\$ .10

Magnetic Tape Report Charge

\$138.37 per report

Per Record

\$ .01

Programming Charge

\$ 45.00 per hour

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.5 Provision of Access Service Billing Information

The customer will have the option to receive its cyclic access bill in one of two formats:  
Magnetic Tape Reel (bill data tape format) or Paper (printed bill format).

If a customer wishes to receive both formats, an additional paper copy charge will be assessed.

At the option of the customer, additional copies of the customer's cyclic bill may be provided at the following additional charges:

	<u>Rate</u>
(1) Additional Paper Copy -time of production	\$ 25.00
(2) Reproduction of Paper Copy -per page	\$ 25.00 \$ .05
(3) Reproduction of Bill Data Tape -per reel	\$150.00

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.6 Coin Supervision Additive Service8.6.1 General

The Telephone Company will provide Coin Supervision Additive Service to Payphone Service Providers (PSPs) who order local exchange service lines for the provision of pay telephone service and where the pay telephone equipment connected to the local exchange service lines requires central office coin supervision capability. The local exchange service lines used for the provision of pay telephone service are obtained from and subject to the terms and conditions under the Telephone Company's general and/or local tariffs.

Coin Supervision Additive Service provides the capability of central office line equipment to pass signals and/or tones from an exchange service line to a trunk terminating at the PSP's operator service provider. These signals enable an operator service provider to recognize coin deposits and return coins to the pay telephone user. Coin Supervision Additive Service also permits a suitably equipped operator service provider to automatically ring back the originating exchange service line upon completion of a call.

8.6.2 Rates and Charges

A Coin Supervision Additive Service charge is assessed monthly to the PSP for each exchange service line for which Coin Supervision Additive Service is provided.

	<u>Monthly Rate</u>
per exchange service line	\$ 2.30

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.7 Originating Line Screening (OLS) Service8.7.1 General

The Telephone Company will provide OLS Service to aggregators and other customers who obtain local exchange service from its general 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, inmate locations, and hotels/motels, etc.

OLS Service is provided at no charge when ordered with the installation of new local exchange service. However, when an OLS code is added to an existing exchange service line, a 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.

8.7.2 Rates and Charges

The following nonrecurring service charge will apply per exchange service line.

	<u>Nonrecurring Charge</u>
per exchange service line	\$ 11.95

## ACCESS SERVICE

## SECTION 8. MISCELLANEOUS SERVICES (Cont'd)

8.8 Nonchargeable Confirmation Services8.8.1 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.

8.8.2 Originating Line Screening (OLS)

At the request of the customer, the Telephone Company business office will confirm OLS codes associated with an exchange service line from which a call originates.

8.9 Payphone-Specific Coding Digits

For a two-year period beginning June 15, 1998, all payphone service providers will be assessed a monthly charge of \$0.59 per line for the recovery of costs associated with implementing Flex ANI to allow for the passing of payphone-specific coding digits to carriers for the purpose of identifying calls for which per call compensation will be paid to Payphone Service Providers, pursuant to the FCC's Orders in CC Docket 96-128.

## ACCESS SERVICE

SECTION 8. MISCELLANEOUS SERVICES (Cont.)8.10. Local Number Portability

Where facilities permit, Local Number Portability (LNP) provides an end user of local exchange telecommunications service the ability to retain its existing local exchange service telephone number (TN) when changing from one telecommunications service provider to another provided the end user remains at the same location. LNP also allows an end user the ability to complete calls to numbers that have been ported from one telecommunications service provider to another. LNP capability will be activated in the CONSOLIDATED COMMUNICAITONS COMPANIES Company end office or tandem switches. ICTC's LNP capable serving wire centers are as follows:

Arcola	Morrisonville
Arthur	Mount Auburn
Ashmore	Nokomis
Assumption	Oakland
Atwood	Owaneco
Blue Mound	Pana
Charleston	Raymond
Cowden	Shelbyville
Edinburg	Sigel
Effingham	Stewardson
Farmersville	Stonington
Gays	Strasburg
Hillsboro	Taylorville
Humboldt	Tower Hill
Irving	Westervelt
Kincaid	Windsor
Litchfield	Witt
Mattoon	

The technical specifications for Local Number Portability are contained in Telcordia Technologies Technical Reference GR-2936-CORE.

8.10.1 LNP End User Charge

## (A) Description

The LNP End User Charge recovers ICTC's costs directly related to providing long term number portability. It is billed on a monthly basis to all Telephone Company end users, including customers who purchase as unbundled network elements line-side switch ports. The LNP End User Charge will be recovered over 60 months commencing December 22, 2004, and ending December 21, 2009.

## ACCESS SERVICE

SECTION 8. MISCELLANEOUS SERVICES (Cont.)8.10. Local Number Portability (Cont.)8.10.1 LNP End User Charge (Cont.)

## (B) Rate Regulations

ICTC will bill a monthly LNP End User Charge as set forth in Section 8.10.3, following, with the following exceptions:

- (1) Each PBX trunk shall be assessed the equivalent of nine monthly LNP End User Charges as specified in Section 8.10.3, following.
- (2) Each ISDN PRI arrangement shall be assessed the equivalent of five monthly LNP End User Charges as specified in Section 8.10.3, following.
- (3) L  
ifeline end user customers shall not be assessed the LNP End User Charge.

ICTC will recover the LNP End User Charge for a 60-month period beginning December 22, 2004, and ending December 21, 2009, as specified in Section 8.10.3, following.

8.10.2 LNP Query Service

## (A) Description

LNP Query Service uses Advanced Intelligent Network (AIN) technology and the Common Channel Signaling (CCS) network to query an LNP database to obtain network routing instructions before completion of a call. The LNP database contains all of the Telephone Numbers (TNs) within an NXX and the location routing number (LRN) of the switch serving each of those TNs when at least one of the TNs within the NXX has been transferred from one telecommunications service provider to another. The LRN associates a unique NPA-NXX-XXXX routing number with each central office switch that has subscribers who have transferred their TNs.

## ACCESS SERVICE

SECTION 8. MISCELLANEOUS SERVICES (Cont.)8.10 Local Number Portability (Cont.)8.10.2 LNP Query Service (Cont.)

## (A) Description (Cont.)

Where more than one carrier is involved in completing the call, the carrier prior to the terminating carrier (i.e., the N-1 carrier) is responsible for querying an LNP database to obtain the LRN used in routing the call for a number portable NXX code. When the N-1 carrier forwards a non-queried call to a Telephone Company end office or tandem switch and the NXX code has one or more transferred TNs, ICTC's end office or tandem switch will suspend call processing and formulate and launch a query to an LNP database to secure the LRN of the transferred TN. When the LRN has been returned from an LNP database to ICTC end office or tandem switch originating the query, call processing is resumed and the call is either processed in ICTC's network or routed to the correct telecommunications service provider's network for completion to the called party. ICTC will perform the query on behalf of the N-1 carrier (i.e., the LNP query service customer) that forwarded the call. ICTC will bill the N-1 wireline or wireless telecommunications carrier a charge per query as specified in Section 8.10.3, following, regardless of whether the call is completed.

## (B) Limitations

LNP Query Service is to be used only on a call-by-call basis for routing calls to number portable NXX codes and cannot be used for purposes other than those functions described herein.

## (C) Network Management

ICTC will administer its network to ensure the provision of acceptable service levels to all customers of the LNP Query Service.



## ACCESS SERVICE

SECTION 8. MISCELLANEOUS SERVICES (Cont.)8.10. Local Number Portability (Cont.)8.10.2 LNP Query Service (Cont.)

## (C) Network Management (Cont'd)

ICTC reserves the right to block any LNP query traffic in a nondiscriminatory manner, where the processing of the LNP queries threatens to disrupt operation of its network and impair network reliability.

## (D) Rate Regulations

The LNP charge per query recovers the cost to query an LNP database on behalf of the N-1 carrier. The rate associated with an LNP query will be billed monthly, per query as set forth in Section 8.10.3, following, based on the recorded number of queries. The Company will develop monthly charges based on an average number of queries per month if actual query recordings are not available. For billing purposes, each month is considered to have thirty (30) days.

The LNP Billing Charge recovers the cost to establish the customer's LNP query account. The LNP Billing Charge will be applied per account as set forth in Section 8.10.3, following, to the N-1 carrier who terminates non-queried traffic into the Company's network and has not placed an order for LNP Query Service.

## ACCESS SERVICE

SECTION 8. MISCELLANEOUS SERVICES (Cont.)8.10. Local Number Portability (Cont.)8.10.3 Rates and Charges

- (A) Local Number Portability (LNP) End User Charge  
ICTC will bill the rates listed beginning December 22, 2004 and ending December 21, 2009, as specified for each rate

	Monthly Rate
(1) End User Rate, per Line	\$ .30
(2) Rate, per PBX Trunk	\$2.66
(3) Rate, per ISDN PRI	\$1.48

- (B) Local Number Portability (LNP) Query Service

	Per Query Rate
(1) Rate, per Query	\$.00319
	Nonrecurring Charge
(2) LNP Billing Charge, per account	\$31.50

## ACCESS SERVICE

SECTION 9. RATE CENTERS

The Telephone Company offers Access Service as set forth in this tariff in the following rate centers in the state of Illinois:

Arcola	Morrisonville
Arthur	Mt. Auburn
Ashmore	Nokomis
Assumption	Oakland
Atwood	
Blue Mound	Owaneco
Charleston	Pana
Cowden	Raymond
Edinburg	Shelbyville
Effingham	Sigel
Farmersville	Stewardson
Gays	Stonington
Hillsboro	Strasburg
Humboldt	Taylorville
Irving	Tower Hill
Kincaid	Westerveldt
Litchfield	Windsor
Mattoon	Witt

ACCESS SERVICE

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SECTION 10. RESERVED FOR FUTURE USE

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ISSUED: December 17, 2015

Vice President, Regulatory and Public Policy  
350 S. Loop 336 West  
Conroe, TX 77304

EFFECTIVE: January 1, 2016

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