Access Services

CTC COMMUNICATIONS, LLC

2101 Riverfront Drive
Little Rock, AR 72202

COMPETITIVE LOCAL EXCHANGE CARRIER
SWITCHED ACCESS TARIFF

Access Services

CTC COMMUNICATIONS, LLC (C)

2101 Riverfront Drive
Little Rock, AR 72222 (C)

COMPETITIVE LOCAL EXCHANGE CARRIER
SWITCHED ACCESS TARIFF

List of Modifications

Title Page	Updates Company Name, Address and Supplement Number
8th Revised Title Page No.1	Updates Company Name, Address and Supplement Number
15th Revised Sheet No. 0.1	Updates List of Modifications for Supplement filing
19th Revised Sheet No. 1	Updates Check Sheet

Access Services

CHECK SHEET

The sheets of this tariff are effective as of the date shown. The original and revised sheets named below contain all changes from the original tariff and are in effect on the date shown.

Section	Page	Revision		Section	Page	Revision	Section	Page	Revision
Title			*	2	5	Original	2	25	Original
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Preface	0.1	15th Rev.	*	2	7	Original	2	27	Original
CS	1	19th Rev.	*	2	8	Original	2	28	Original
CS	1.1	2nd Rev		2	9	Original	2	29	Original
CS	1.2	1st Rev.		2	10	Original	2	30	Original
CS	1.3	12th Rev.		2	11	Original	2	31	Original
MToC	1	Original		2	12	Original	2	32	Original
MToC	2	2nd Rev.		2	13	Original	2	33	Original
MToC	3	1st Rev.		2	14	Original	2	34	Original
Preface	1	Original		2	15	Original	2	35	Original
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1	3	Original		2	20	Original	2	40	Original
1	4	1st Rev.		2	21	Original	2	41	Original
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2	1	Original		2	22	Original	2	42	Original
2	2	Original		2	23	Original	2	43	Original
2	3	Original		2	24	Original	2	44	1st Rev.
2	4	Original							

** Indicates Revision*

Issued By: Vice President Regulatory Affairs
CTC Communications, LLC
2101 Riverfront Drive
Little Rock, AR 72202

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			6	1	Original	6	21	Original
			6	2	Original	6	22	Original
			6	3	Original	6	23	Original
			6	4	Original	6	24	Original

* *Indicates Revision*

Issued By: Vice President, Tax
CTC Communications Corp. d/b/a EarthLink Business
1170 Peachtree Street NE, Suite 900
Atlanta, GA 30309

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6	44	Original	6	65	Original	6	86	Original
6	45	Original	6	66	Original	6	87	Original

* *Indicates Revision*

Issued By: Senior Regulatory Counsel
CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

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6	91	Original	9	1	Original	10	15	1st Rev.
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6	98	Original	10	7	1st Rev.	10	22	2nd Rev.
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7	5	Original				11	2	Original
						11	3	1st Rev.
						11	3.1	Original
						11	4	1st Rev. *

* *Indicates Revision*

Issued By: Senior Regulatory Counsel
CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

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Issued: Vice President, Tax
1375 Peachtree Street, Level A

Date Issued: November 14, 2005 Effective Date: January 14, 2006

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

Access Services

TARIFF INFORMATION

1. SYMBOLS

The following symbols shall be used in this tariff for the purpose indicated below:

I - to signify an **Increase** in a rate.
C - to signify a **Changed** regulation.
D - to signify a **Decreased** Rate.

2. TARIFF FORMAT

A. Page Numbering - Page numbers appear in the upper right corner of the page. Pages are numbered sequentially. However, new pages are occasionally added to the tariff. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between pages 14 and 15 would be 14.1.

B. Page Revision Numbers - Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current page version on file with the PA. P.U.C. For example, the 4th revised Page 14 cancels the 3rd revised Page 14. Because of various suspension periods, deferrals, etc. the PA. P.U.C. follows in their tariff approval process, the most current page number on file with the PA. P.U.C. is not always the tariff page in effect.

C. Paragraph Numbering Sequence - There are nine levels of paragraph coding. Each level of coding is subservient to its next higher level:

2.
2.1.
2.1.1.
2.1.1.A.
2.1.1.A.1.
2.1.1.A.1.(a).
2.1.1.A.1.(a).I.
2.1.1.A.1.(a).I.(i).
2.1.1.A.1.(a).I.(i).(1).

Access Services

TARIFF INFORMATION, (CONT'D.)

3. Trademarks and Service Marks

Designations used by the company to distinguish its products and services are claimed as trademarks or service marks. Rather than printing a trademark symbol or service mark symbol with every occurrence of a trademarked or service marked product name as it is used throughout this tariff, let it be stated that when using names of Company products and services herein, such use is in an editorial fashion. Following are the proper use names of the Company trademarks and service that are referred to herein in terms of products and service offerings.

a) Registered Trademarks

A. PowerPath 7

Access Services

TARIFF INFORMATION, (CONT'D.)

4. APPLICATION OF TARIFF

This tariff sets forth the service offerings, rates, terms and conditions applicable to the furnishing of Intrastate Access Services telecommunications services by CTC Communications Corp., to customers in Verizon Pennsylvania Inc, Verizon North Inc. And Sprint/United Telephone Company.

Access Services

SECTION 1 - DEFINITIONS

Certain terms used generally throughout this tariff are defined below.

Advance Payment: Part or all of a payment required before the start of service.

Asynchronous Transmission Mode (ATM): A high-speed switching technique that uses fixed type cells to transmit voice, video and data over fiber optic cabling.

Automatic Number Identification (ANI): Allows the automatic transmission of a caller's billing account telephone number to a local exchange company, interexchange carrier or a third party subscriber. The primary purpose of ANI is to allow for billing of toll calls.

Bit: The smallest unit of information in the binary system of notation.

Broadband: A data transmission scheme where multiple transmissions including voice, data and video share a communications path.

Byte: A grouping of Bits. A Byte may or may not be directly translatable into information meaningful to the user.

CCS: 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).

Committed Information Rate (CIR): The speed of transmission guaranteed between a customer's site and the frame relay network.

Communications Services: The Company's intrastate data and voice ATM switched telecommunications services offered for both limited IntraLATA and InterLATA use.

Company: CTC Communications Corp., the issuer of this tariff.

Commission: The Pennsylvania Public Utility Commission

Completed Call: A call which the Company's network has determined has been answered by a person, answering machine, fax machine, computer modem device or other answering device.

Customer or Subscriber: The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with the Company's regulations.

Access Services

SECTION 1 - DEFINITIONS, (CONT'D.)

DSX-1 Panel: Distribution equipment used to terminate and administer DS1 (1.544 Mbps) circuits.

Dual Tone Multi-Frequency (DTMF): The pulse type employed by tone dial station sets.

Duplex Service: Service which provides for simultaneous transmission in both directions.

Ethernet: A local area network protocol defined by the IEEE. It defines how data is transmitted on and retrieved from local area computer networks.

Federal Communications Commission (FCC): Independent government agency that develops and implements policy concerning interstate and international communications.

Fiber Optic Cable: A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

Frame Relay: A public, primarily data network service for local area network to local area network connections.

Gateway: A device which allows equipment with different protocols to communicate with each other.

Integrated Access Device (IAD): Installed at Customer's location, this equipment converts voice and data traffic into ATM Cells.

Integrated Communications Network (ICN): The Company's facilities-based network which utilizes ATM switching protocol to provide uncompressed PVC based voice connectivity, variable CIR, Full Port CIR and Hybrid Frame Relay/ATM service, dedicated internet access and videoconferencing connectivity services.

Kbps: Kilobits per second, denotes thousands of bits per second.

Key System: A Key system is an on-site telephone system geared to under 100 telephone organizations. Like a PBX, a Key System switches calls to and from the public network and within the user's organization.

Access Services

SECTION 1 – DEFINITIONS (Cont'd)

Local Access and Transport Area (LATA): A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Local Area Network (LAN): Located on an on individual organization's premises, a LAN enables computer devices to communicate with each other.

Local Exchange Carrier (LEC): Denotes any individual, partnership, association, joint-stock company, trust or corporation engaged in providing switched communication within an exchange.

PA. P.U.C.: The Pennsylvania Public Utility Commission.

Master Service Agreement: The master document executed by the Customer and the Company under which all Company services are provided. The Master Services Agreement sets forth the general terms and conditions under which services will be provided.

Mbps: Megabits, denotes millions of bits per second.

Multi-Frequency (MF): An inter-machine pulse-type used for signaling between telephone switches, or between telephone switches and PBX/key systems.

Multiplexing: A technique whereby multiple devices can share one telephone line.

Permanent Virtual Circuit (PVC): A point to point connection through the Company's ICN connecting two locations.

Private Branch Exchange (PBX): A computerized on-site telephone system located on a Customer's premises which routes calls both within an organization and from the outside world to people within the organization.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

Residential Customer: A customer who has telephone service at a dwelling and who uses the service primarily for domestic or social purposes. All other customers are non-residential customers.

Access Services

SECTION 1 – DEFINITIONS (CONT'D.)

Service: Any telecommunications service(s) provided by the Company under this tariff.

Service Commencement Date: The first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance. The Company and Customer may mutually agree on a substitute Service Commencement Date.

Service Addendum: The written request for a specific Network Services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Addendum by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date. Service Addenda are incorporated into the terms of the Master Service Agreement.

Shared: A facility or equipment system or subsystem that can be used simultaneously by several Customers or several Customer locations.

Station: A telephone instrument consisting of a connected transmitter, receiver and associated apparatus to permit sending or receiving telephone messages.

Toll VoIP-PSTN Traffic - The term Toll VoIP-PSTN Traffic denotes 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. **(C)**

Two Way: A service attribute that includes outward dial capabilities for outbound calls and can also be used to carry inbound calls to a central point for further processing.

User or End User: A Customer, Joint User, or any other person authorized by a Customer to use service provided under this tariff.

(C)
(C)

Material originally found on this page is now found in Section 1, page 5.

Access Services

SECTION 1 – DEFINITIONS (CONT'D.)

VOIP PROVIDER - For the purposes of this Tariff, any service provider, including but not limited to carriers, that originates and/or terminates traffic in Internet protocol ("IP") format.

VOIP PROVIDER PARTNER - any VoIP Provider that uses the Company's services to exchange traffic with the PSTN.

VOIP-PSTN TRAFFIC - traffic exchanged between the Company and a Customer in Time-Division-Multiplexing format that originates and/or terminates in IP format.

Wide Area Network (WAN): Connects computers which are located in different cities, states and countries.

Material on this page was originally found in Section !, Page 4.

Access Services

SECTION 2 – REGULATIONS

2.1 Undertaking of the Company

2.1.1 Scope

The Company undertakes to furnish intrastate data and voice communications service to Customers pursuant to the terms of this tariff in connection with one-way and/or two-way information transmission between points within the State of Pennsylvania.

Customers and users may use services and facilities provided under this tariff to obtain access to services offered by other service providers. The Company is responsible under this tariff only for the services and facilities provided hereunder, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own customers.

2.1.2 Obligations of the Company

In furnishing facilities and services, the Company does not undertake to transmit messages, but furnishes the use of facilities to its customers for communications.

The Company's obligation to furnish facilities and services is dependent upon its ability a) to secure and retain, without unreasonable expense, suitable facilities and rights for the construction and maintenance of the necessary circuits and equipment; b) to secure and retain, without unreasonable expense, suitable space for its plant and facilities in the building where service is or is to be provided to the customer; or c) to secure reimbursement of all costs where the owner or operator of a building demands relocation or rearrangement of plant and facilities used in providing service therein.

The Company shall not be required to furnish, or continue to furnish, facilities or services where the circumstances are such that the proposed use of the facilities or services would tend to adversely affect the Company's plant, property or service.

The Company reserves the right to refuse an application for service made by a present or former customer who is indebted to the Company for services previously rendered pursuant to this Tariff until the indebtedness is satisfied.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.3 Shortage of Equipment or Facilities

A. The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of lack of facilities, or due to some other cause beyond the Company's control.

B. The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required at the sole discretion of the Company.

2.1.4 Terms and Conditions

A. Service is provided on the basis of a minimum period of at least one month, 24-hours per day. For the purpose of computing charges in this tariff, a month is considered to have thirty (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. At the expiration of the initial term specified in each Service Addendum, or in any extension thereof, service shall continue on a month to month basis at the then current rates unless terminated by either party upon thirty (30) days written notice. Any termination shall not relieve the Customer of its obligation to pay any charges incurred under the service order and this tariff prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the service order shall survive such termination.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.4 Terms and Conditions (Cont'd)

D. This tariff shall be interpreted and governed by the laws of the State of Pennsylvania without regard for its choice of laws provision.

E. Any other Telephone Company may not interfere with the right of any person or entity to obtain service directly from the Company. No person or entity shall be required to make any payment, incur any penalty, monetary or otherwise, or purchase any services in order to have the right to obtain service directly from the Company.

F. To the extent that either the Company or any other Telephone Company exercises control over the available cable pair, conduit, duct space, raceways, or other facilities needed by the other to reach a person or entity, the party exercising such control shall make them available to the other on terms equivalent to those under which the Company makes similar facilities under its control available to its' customers. At the reasonable request of either party, the Company and the other Telephone Company shall join the attempt to obtain from the owner of the property access for the other party to serve a person or entity.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.5 Liability of the Company

A. In view of the fact that the Customer has exclusive control over the use of service and facilities furnished by the Company, and because certain errors incident to the services and to the use of such facilities of the Company are unavoidable, services and facilities are furnished by the Company subject to the terms, conditions and limitation herein specified.

B. Service Irregularities

1. The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, or failures or defects in facilities furnished by the Company, occurring in the course of furnishing service or other facilities and not caused by the negligence of the Customer, shall in no event exceed an amount equivalent to the proportionate charge to the Customer for the service or facilities affected during the period such mistake, omission, interruption, delay, error or defect in transmission, or failure or defect in facilities continues after notice and demand to Company.

2. The Company shall not be liable for any act or omission of any connecting carrier, underlying carrier or local exchange carrier except where the Company contracts the other carrier; for acts or omission of any other providers of connections, facilities, or service; or for culpable conduct of the Customer or failure of equipment, facilities or connection provided by the Customer.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.5 Liability of the Company (Cont'd)

C. Claims of Misuse of Service

1. The Company shall be indemnified and saved harmless by the Customer against claims for libel, slander, fraudulent or misleading advertisements or infringement of copyright arising directly or indirectly from material transmitted over its facilities or the use thereof; against claims for infringement of patents arising from combining or using apparatus and systems fo the Customer with facilities of the Company; and against all other claims arising out of any act or omission of the Customer in connection with the services and facilities provided by the Company.

D. Defacement of Premises

1. The Company is not liable for any defacement of, or damage to, the Customer's premises resulting from th furnishing of service or the attachment of equipment and facilities furnished by the Company on such premises or by the installation or removal thereof, when such defacement or damage is no the result of negligence of the Company. For the purpose of this paragraph, no agents or employees of the other participating carriers shall be deemed to be agents or employees of the Company except where contracted by the Company.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.5 Liability of the Company (Cont'd)

E. Facilities and Equipment in Explosive Atmosphere, Hazardous or Inaccessible Locations

1. The Company does not guarantee nor make any warranty with respect to installations provided by it for use in an explosive atmosphere. The Company shall be indemnified, defended and held harmless by the Customer from and against any and all claims, loss, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the Customer or by any other party, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, including environmental contamination, whether owned by the Customer or by any other party, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, presence, condition, location, use or removal of any equipment or facilities or the service and not due to the gross negligence or willful misconduct of the Company.

F. Service at Outdoor Locations

1 The Company reserves the right to refuse to provide, maintain or restore service at outdoor locations unless the Customer agrees in writing to indemnify and save the Company harmless from and against any and all loss or damage that may result to equipment and facilities furnished by the Company at such locations. The Customer shall likewise indemnify and save the Company harmless from and against injury to or death of any person which may result from the location and use of such equipment and facilities.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.5 Liability of the Company (Cont'd)

G. Warranties

1. THE COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EXCEPT THOSE EXPRESSLY SET FORTH HEREIN.

2. Acceptance of the provisions of this Section 2.1.5 by the Commission does not constitute its determination that any disclaimer of warranties or representations imposed by the Company should be upheld in a court of law.

H. Limitation of Liability

1. Nothing in this tariff shall be construed to limit the Company's liability in cases of gross negligence or willful misconduct.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.6 Notification of Service-Affecting Activities

The 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 and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customers' services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine the reasonable notification requirements. With some emergency or unplanned service-affecting conditions, such as an outage resulting from cable damage, notification to the Customer may not be possible.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.7 Provision of Equipment and Facilities

A. The Company shall use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any Customer.

B. The Company shall use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer may not, nor may the Customer permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise interfere with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.

C. The Company may substitute, change or rearrange any equipment or facility at any time and from time to time, but shall not thereby alter the technical parameters of the service provided the Customer.

D. Equipment the Company provides or installs at the Customer Premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided it.

E. The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the Premises of the Customer when the service difficulty or trouble report results from the use of equipment or facilities provided by any party other than the Company, including but not limited to the Customer.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.7 Provision of Equipment and Facilities (Cont'd)

F. The Company shall not be responsible for the installation, operation, or maintenance of any Customer provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities. Subject to this responsibility, the Company shall not be responsible for:

1. The transmission of signals by Customer provided equipment or for the quality of, or defects in, such transmission;

2. The reception of signals by Customer-provided equipment; or,

3. Network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

2.1.8 Non-Routine Installation

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In such cases, charges based on cost of the actual labor, material, or other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.1 Undertaking of the Company (Cont'd)

2.1.9 Special Construction

Subject to the agreement of the Company and to all of the regulations contained in this tariff, special construction of facilities may be undertaken on a reasonable efforts basis at the request of the Customer. Special construction is that construction undertaken:

A. Where facilities are not presently available, and there is no other requirement for the facilities so constructed;

B. Of a type other than that which the Company would normally utilize in the furnishing of its services;

C. Over a route other than that which the Company would normally utilize in the furnishing of its services;

D. In a quantity greater than that which the Company would normally construct;

E. On an expedited basis;

F. On a temporary basis until permanent facilities are available;

G. Involving abnormal costs; or,

H. In advance of its normal construction.

2.1.10 Ownership of Facilities

Title to all facilities, other than inside wiring on the Customer's side of the demarcation point, provided in accordance with this tariff remains in the Company, its agents or contractors.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.2 Unlawful Use of Service

2.2.1 Service shall not be used for any purpose in violation of law or for any use to which the Customer has not obtained all required governmental approvals, authorizations, licenses, consents and permits. The Company shall refuse to furnish services to an applicant or shall disconnect the service without notice to a Customer when:

A. An order shall be issued, signed by a judge finding that probable cause exists to believe that the use made or to be made of the service is prohibited by law; or,

B. The Company is notified in writing by a law enforcement agency acting within its jurisdiction that any facility furnished by the Company is being used for the purpose of transmitting or receiving gambling information in interstate or foreign commerce in violation of the law.

2.2.2 If service has been physically disconnected by law enforcement officials at the Customer's premises and if there is not presented to the Company the written finding of a judge, then upon written or verbal request of the subscriber, and agreement to pay restoral of service charges and other applicable service charges, the Company shall promptly restore such service.

2.2.3 Interference with or Impairment of Service

Service shall not be used in any manner that interferes with other persons in the use of their service, prevents other persons from using their service, or otherwise impairs the quality of service to other customers. The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others or impairing the service of others.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.3 Obligations of the Customer

2.3.1 General

The Customer shall be responsible for:

A. The payment of all applicable charges pursuant to this tariff;

B. Reimbursing the Company for damage to, or loss of, the Company's facilities or equipment caused by the acts or omissions of the Customer; or the noncompliance by the Customer, with these regulations, or by fire or theft or other casualty on the Customer's premises unless caused by the negligence or willful misconduct of the employees or agents of the Company.

C. Providing at no charge, as specified from time to time by the Company, any needed space and power to operate the Company's facilities and equipment installed on the Customer's premises.

D. Complying with all laws and regulations regarding the working conditions on the premises at which the Company's employees and agents shall be installing or maintaining the Company's facilities and equipment. The Customer may be required to install and maintain the Company's facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company' s employees or property might result from installation or maintenance by the Company. The Customer shall be responsible for identifying, monitoring, removing and disposing of any hazardous material prior to any construction or installation work.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.3 Obligations of the Customer (Cont'd)

2.3.1 General (Cont'd)

E. Complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to the location of the Company's facilities and equipment in any Customer premises for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company.

F. Making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance for interruptions in service will be made for the period during which service is interrupted for such purposes.

2.3.2 With respect to any service or facility provided by the Company, the Customer shall indemnify, defend and hold harmless the Company from all claims, actions, damages, liabilities, costs and expenses for:

A. Any loss, destruction or damage to property of the Company or any third party, or injury to persons, including, but not limited to, employees or invitees of either the Company or the Customer, to the extent caused by or resulting from the negligent or intentional act or omission of the Customer, its employees, agents, representatives or invitees; or,

B. Any claim, loss, damage, expense or liability for infringement of any copyright, patent, trade secret, or any proprietary infringement of any copyright, patent, trade secret, or any proprietary or intellectual property right of any third party, arising from any act or omission by the Customer.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.3 Obligations of the Customer (Cont'd)

2.3.3 The Customer is responsible for ensuring that Customer-provided equipment connected to Company equipment and facilities is compatible with such equipment and facilities. The connection, operation, testing or maintenance of such equipment shall be such as not to cause damage to the Company-provided equipment and facilities or injury to the Company's employees or other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense.

2.3.4 The Company's services (as detailed in this tariff) may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs or contracts which are applicable to such connections.

2.3.5 Upon reasonable notification to the Customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the Customer is complying with the requirements set forth in this tariff for the installation, operation and maintenance of Customer-provided facilities and equipment that is connected to the Company-owned facilities and equipment.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.4 Customer Equipment and Channels

2.4.1 General

A user may transmit or receive information or signals via the facilities of the Company. The Company's services are designed primarily for the transmission of voice-grade telephonic signals, except as otherwise stated in this tariff. A User may transmit any form of signal that is compatible with the Company's equipment, but the Company does not guarantee that its services will be suitable for purposes other than voice-grade telephonic communication except as specifically stated in this tariff.

2.4.2 Station Equipment

A. Terminal equipment on the User's Premises and the electric power consumed by such equipment shall be provided by and maintained at the expense of the User. The User is responsible for the provision of wiring or cable to connect its terminal equipment to the Company Point of Connection.

B. The Customer is responsible for ensuring that Customer-provided equipment connected to Company equipment and facilities is compatible with such equipment and facilities. The magnitude and character of the voltages and currents impressed on Company-provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company-provided equipment and wiring or injury to the Company's employees or to other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.4 Customer Equipment and Channels (Cont'd)

2.4.3 Interconnection of Facilities

A. Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing Communications Services and the channels, facilities, or equipment of others shall be provided at the Customer's expense.

B. Communications Services may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carriers which are applicable to such connections.

C. Facilities furnished under this tariff may be connected to customer provided terminal equipment in accordance with the provisions of this tariff. All such terminal equipment shall be registered by the Federal Communications Commission pursuant to Part 68 of Title 47, Code of Federal Regulations; and all User-provided wiring shall be installed and maintained in compliance with those regulations.

D. Users may interconnect communications facilities that are used in whole or in part for interstate communications to services provided under this tariff only to the extent that the user is an "end user" as defined in Section 69.2(m), Title 47, Code of Federal Regulations (1992 edition).

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.4 Customer Equipment and Channels (Cont'd)

2.4.4 Inspections

A. Upon suitable notification to the Customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the Customer is complying with the requirements set forth in Section 2.4.2(B) for the installation, operation, and maintenance of Customer-provided facilities, equipment, and wiring in the connection of Customer-provided facilities and equipment to Company-owned facilities and equipment.

B. If the protective requirements for Customer-provided equipment are not being complied with, the Company may take such action as it deems necessary to protect its facilities, equipment, and personnel. The Company will notify the Customer promptly if there is any need for further corrective action. Within ten days of receiving this notice, the Customer must take this corrective action and notify the Company of the action taken. If the Customer fails to do this, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities, equipment and personnel from harm.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.5 Termination of Service

2.5.1 Denial of Service Without Notice

The Company may discontinue service without notice for any of the following reasons:

A. Hazardous Condition. For a condition on the Customer's premises determined by the Company to be hazardous.

B. Adverse Effect on Service. Customer's use of equipment in such a manner as to adversely affect the Company's equipment or the Company's service to others.

C. Tampering with Company Property. Customer's tampering with equipment furnished and owned by the Company.

D. Unauthorized Use of Service. Customer's unauthorized use of service by any method which causes hazardous signals over the Company's network.

E. Illegal Use of Service. Customer's use of service or equipment in a manner to violate the law.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.5 Termination of Service (Cont'd.)

2.5.2 Denial of Service Requiring Notice

The Company may deny service for any of the following reasons provided it has notified the Customer of its intent, in writing, to deny service and has allowed the Customer a reasonable time of not less than ten (10) days in which to remove the cause for denial:

Non-compliance with Regulations. For violation of or non-compliance of the PA PUC's rules and regulations or non-compliance with the Company's tariffs on file with the Commission.

B. Failure on Contractual Obligations. For failure of the Customer to fulfill his contractual obligations for service or facilities subject to regulation by the Pennsylvania Public Utility Commission.

C. Refusal of Access. For failure of the Customer to permit the Company to have reasonable access to its equipment.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.5 Termination of Service (Cont'd.)

2.5.2 Denial of Service Requiring Notice (Cont'd.)

D. Non-payment of Bill.

1. For non-payment of a bill for service, provided that the Company has made a reasonable attempt to effect collection and has given the Customer written notice of its intent to deny service if settlement of his account is not made and provided the Customer has at least five (5) days, excluding Sundays and holidays, in which to make settlement before his service is denied.

2. In cases of bankruptcy, receivership, abandonment of service, or abnormal toll usage not covered adequately by a security deposit, less than five (5) days notice may be given if necessary to protect the Company's revenues.

3. Except in cases where a prior promise to pay has not been kept or bankruptcy, receivership, abandoned service, or abnormal toll usage is involved, the Company may not deny service on the day preceding any day on which it is not prepared to accept payment of the amount due and to reconnect service.

E. Failure to Comply with Service Conditions. For failure of the Customer to furnish the service equipment, permits, certificates or rights-of-way, specified by the Company as a condition to obtaining service, or if the equipment or permissions are withdrawn or terminated.

F. Failure to Comply with Municipal Ordinances. For failure to comply with municipal ordinances or other laws pertaining to telephone service.

G. Failure to Pay Increased Deposit Required. For failure of the Customer to pay an increased security deposit when warranted by the Company to protect its revenue in accordance with PA PUC's rules and regulations.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.5 Termination of Service (Cont'd.)

2.5.3 Insufficient Reasons for Denial of Service

A. The following may not constitute cause for refusal of service to a present or prospective customer:

1. Failure of a prior customer to pay for service at the premises to be serviced;

2. Failure to pay for a different class of service for a different entity;

3. Failure to pay the bill of another customer as guarantor of that bill;

4. Failure to pay directory advertising charges;

5. Failure to pay an undercharge as described in the PA PUC's rules and regulations ; or,

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.5 Termination of Service (Cont'd.)

2.5.3 Insufficient Reasons for Denial of Service (Cont'd.)

A. (Cont'd)

Failure to pay an outstanding bill that is over seven (7) years old, unless the:

(a). Customer signed an agreement to pay the outstanding bill before the expiration of this period;

(b). Outstanding bill is for service obtained by the Customer by means of tampering with equipment furnished and owned by the Company or bu unauthorized use of service by any method; or,

(c). Outstanding bill is for service obtained by the Customer by means of an application made:

I. In a fictitious name;

II. In the name of an individual who is not an occupant of the dwelling unit, without disclosure of the individual's actual address;

III. In the name of a third party without disclosing that fact or without bonafide authority from the third party; or,

IV. Without disclosure of a material fact or by misrepresentations of a material fact.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements

2.6.1 Payment for Service

The Customer is responsible for the payment of all charges for facilities and services furnished by the Company to the Customer and to all Users authorized by the Customer, regardless of whether those services are used by the Customer itself or are resold to or shared with other persons.

A. Taxes

The Customer is responsible for payment of any Federal excise taxes, state, and local sales and use taxes and similar taxes imposed by governmental jurisdictions, all of which shall be separately designated on the Company's invoice.

2.6.2 Billing and Collection of Charges

A. The Company will bill the Customer directly. Charges for facilities and service, other than usage charges, are due monthly in advance. All other charges are payable upon request of the Company. Bills are due on the date specified on the bill and are payable at any business office of the Company, by U.S. Mail or at any location designated by the Company.

B. Customer bills for telephone service are due on the date specified on the bill. A Customer is in default unless payment is made within Thirty (30) days following the issuance of the bill. If payment is not received within Thirty (30) days of a bill's issuance, a late payment charge of one and one-quarter percent (1.25%) may be applied to all amounts previously billed under this Tariff, excluding one (1) month's local service charge, but including arrears and unpaid charges.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.2 Billing and Collection of Charges (Cont'd)

C. Late payment charges do not apply to those portions (and only those portions) of any unpaid balances that are associated with disputed amounts. Undisputed amounts on the bill are subject to late payment charges if unpaid and carried forward to the next bill.

D. Late payment charges do not apply to final accounts.

E. Late payment charges do not apply to government agencies in the State of Pennsylvania.

F. The Customer will be assessed a charge of twenty-five dollars ($25.00) for each check submitted by the Customer to the Company which a financial institution refuses to honor. This charge is in addition to any charges assessed the Customer by any financial institution.

G. The Company will pay interest on Customer overpayments that are not refunded within thirty (30) days of the date the Company receives the overpayment. An overpayment is considered to have occurred when payment in excess of the correct charges for services is made because of erroneous Company billing. The Customer will be issued reimbursement for the overpayment, plus interest, or, if agreed to by the Customer, credit for the amount will be provided on the next regular Company bill. The rate of interest shall be greater of the unadjusted Customer deposit interest rate or the Company's applicable Late Payment Charge.

Interest shall be paid from the date when overpayment was made, adjusted for any changes in the deposit rate or late payment rate, and compounded monthly, until the date when the overpayment is refunded. The date when overpayment is considered to have been made will be the date on which the Customer's overpayment was originally recorded to the Customer's account by the Company.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.2 Billing and Collection of Charges (Cont'd)

H. Overcharge/Undercharge

When a customer has been overcharged or undercharged for services because of incorrect application of the Company's tariffed rate(s), inaccurate measuring of services rendered, or incorrect calculation of charges or similar reasons, the amount of the overcharge or undercharge adjustment shall be determined separately during the period of time the discrepancy occurred.

I. If service is disconnected by the Company in accordance with Sections 2.5.1 and 2.5.2 preceding and later restored, restoration of service will be subject to all applicable installation charges.

J. The Customer is responsible for payment of all charges for services and equipment furnished to the Customer in connection with the services provided hereunder. The Customer is responsible for its use of the company's provided network and facilities, regardless of whether the use is authorized or unauthorized and the customer agrees to pay the Company or its authorized agent all applicable charges associated with such use.

The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer provided equipment or facilities. Customer shall remain responsible for all charges associated with services provided by the Company, including charges resulting from the failure or malfunction of Customer or 3rd party provided equipment or facilities that may result in the fraudulent use of the Company's service. In no event, will the company be liable for fraudulent calls originating from customer owned or operated equipment.

The Company shall not be liable for any claims arising out of equipment provided by third party vendors that may be installed at premises of the Customer in connection with the services provided hereunder. Nor shall the Company be liable for the performance of said vendor or vendor's equipment.

The Company is not liable for damages associated with or arising from service, channels, or equipment, which it does not furnish.

Date Issued: November 14, 2005 Effective Date: January 14, 2006

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.3 Deposits

A. The carrier agrees to abide by the regulations associated with non-residential customer deposits as specified by PA PUC's rules and regulations , as amended from time to time.

B. In order to establish credit, the Company may require an applicant for non-residential service to demonstrate good paying habits by showing that the applicant:

1. Was a customer of a Pennsylvania utility for at least twelve (12) months within the preceding two (2) years;

2. Does not currently owe any outstanding bills for utility service to a utility doing business in Pennsylvania;

3. Did not have service discontinued for nonpayment of a utility bill during the last twelve (12) months that service was provided; and,

4. Did not fail, on more than two (2) occasions during the last twelve (12) months that service was provided, to pay a utility bill when it became due.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.3 Deposits (Cont'd)

C. The Company agrees to abide by the regulations associated with customer deposits as specified by PA PUC's rules and regulations , as amended from time to time.

D. In order to establish credit, the Company may require an applicant for service to demonstrate good paying habits by showing that the applicant:

1. Was a customer of a Pennsylvania utility within the preceding two (2) years;

2. Does not currently owe any outstanding bills for utility service to a utility doing business in Pennsylvania;

3. Did not have service discontinued for nonpayment of a utility bill during the last twelve (12) months that service was provided; and,

4. Did not on more than two (2) occasions during the last twelve (12) months that service was provided, fail to pay a utility bill when it became due.

E. Deposits for establishment or reestablishment of credit will not be more than the estimated charge for service for two (2) consecutive billing periods or ninety (90) days, whichever is less.

F. Customer deposits shall be maintained in a bank located in Pennsylvania. Customers who make a deposit for service will receive interest, at a rate set on such deposit.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.4 Advance Payments

A. The Company reserves the right to require from an applicant for service advance payments of fixed charges and nonrecurring charges. The advance payment will not exceed an amount equal to the nonrecurring charge(s) and one month's charges for the service or facility. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated nonrecurring charges for the special construction. The advance payment will be applied to any indebtedness for the service and facilities for which the advance payment is made on the Customer's initial bill.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.5 Cancellation of Application for Service

A. Where the applicant cancels an order for service prior to the start of the installation or special construction of facilities, no charge shall apply, except to the extent the Company incurs a service order or similar charge from a supplying carrier, if any, prior to the construction.

B. Where the installation of facilities, other than those provided by special construction, has been started prior to cancellation, the lower of the following charge applies:

1. The total costs of installing and removing such facilities; or,

2. The monthly charges for the entire initial contract period of the service ordered by the Customer as provided in this tariff plus the full amount of any applicable installation and termination charges.

C. Where special construction of facilities has been started prior to the cancellation, and the Company has another requirement for the specially constructed facilities, no charge applies.

D. The special charges described in this Section 2.6.5 will be calculated and applied on a case-by-case basis.

2.6.6 Changes in Service Requested

If the Customer makes or requests material changes in circuit engineering, equipment specifications, service parameters, premises locations, or otherwise materially modifies any provision of the application for service, the Customer's installation fee shall be adjusted accordingly.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.6 Payment Arrangements (Cont'd)

2.6.7 Taxes and Fees

A. All state and local taxes and fees shall be listed as separate line items on the Customer's bill.

B. If a municipality, other political subdivision or local agency of government, or the Commission imposes and collects from the Company a gross receipts tax, occupation tax, license tax, permit fee, franchise fee, or regulatory fee, such taxes and fees shall, as allowed by law, be billed pro rata to the Customer receiving service from the Company within the territorial limits of such municipality, other political subdivision or local agency of government.

C. Service shall not be subject to taxes for a given taxing jurisdiction if the Customer provides the Company with written verification, acceptable to the Company and to the relevant taxing jurisdiction, that the Customer has been granted a tax exemption.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.7 Special Customer Arrangements

In cases where a Customer requests special or unique arrangements which may include but are not limited to engineering, conditioning, installation, construction, facilities, assembly, purchase or lease of facilities and/or other special services not offered under this tariff, the Company may provide the requested services. Appropriate recurring charges and/or nonrecurring charges and other terms and conditions will be developed for the Customer for the provisioning of such arrangements.

2.8 Allowances for Interruptions in Service

Credit for failure of service or equipment will be allowed only when failure is caused by or occurs in equipment owned, provided and billed for by the Company. The Company agrees to abide by the regulations associated with interruptions in service as specified by PA PUC's rules and regulations, as amended from time to time.

2.8.1 Credit for Interruptions

A. A credit will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff . An interruption period begins when the Customer reports a service, facility or circuit to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative, but declines to release it for testing and repair, it is considered to be impaired, but not inoperative.

B. For calculating credit allowances, every month is considered to have thirty (30) days. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the credit will receive a credit.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.8 Allowances for Interruptions in Service (Cont'd)

2.8.2 Limitations on Allowances

No credit allowance will be made for:

A. Interruptions due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common carrier providing service connected to the service of the Company;

B. Interruptions due to the negligence of any person other than the Company, including but not limited to the Customer or other common carriers connected to the Company's facilities;

C. Interruptions due to the failure or malfunction of non-Company equipment;

D. Interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;

E. Interruptions of service during a period in which the Customer continues to use the service on an impaired basis;

F. Interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements; and

G. Interruption of service due to circumstances or causes beyond the control of Company.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.8 Allowances for Interruptions in Service (Cont'd)

2.8.3 Cancellation For Service Interruption

Cancellation or termination for service interruption is permitted only if any circuit experiences a single continuous outage of eight (8) hours or more or cumulative service credits equaling sixteen (16) hours in a continuous twelve (12) month period. The right to cancel service under this provision applies only to the single circuit which has been subject to the outage or cumulative service credits.

2.9 Incomplete Calls

There shall be no charge for incomplete calls. No charge will be levied for unanswered calls. Customers will receive credit for calls placed to a wrong number if the Customer notifies the Company of the error.

2.10 Telephone Solicitation by Use of Recorded Messages

Service shall not be used for the purpose of solicitation by recorded messages when such solicitation occurs as a result of unrequested or unsolicited calls initiated by the solicitor by means of automatic dialing devices. Such devices, with storage capability of numbers to be called or a random or sequential number generator that produces numbers to be called and having the capability, working alone or in conjunction with other equipment, of disseminating a prerecorded message to the number called and which are calling party or called party controlled, are expressly prohibited.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.11 Use of Customer's Service by Others

2.11.1 Resale and Sharing

Any service provided under this tariff may be resold to or shared with other persons at the option of Customer, subject to compliance with any applicable Pennsylvania Public Utility Commission regulations governing such resale or sharing. Customer remains solely responsible for all use of services ordered by it or billed to its telephone number(s) pursuant to this tariff, for determining who is authorized to use its services, and for notifying the Company of any unauthorized use.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.12 Minimum Period of Service

2.12.1 Except as otherwise provided, the minimum period of service is one (1) month for all services furnished. However, if a new residential or single business line customer notifies the Company within twenty (20) days after receipt of the first bill that certain services or equipment are not desired, the Company will delete such service or equipment from the Customer's account without a record keeping or service ordering charge. The Customer nonetheless shall be responsible for all monthly usage and installation charges incurred for the use of such service and equipment. entirely within the local exchange area, the period of service at each location is accumulated to calculate if the Customer has met the minimum period of service obligation.

2.12.2 If service is terminated before the end of the minimum period of service as a result of condemnation of property, damage to property requiring the premises to be abandoned, or by the death of the Customer, the Customer is not obligated to pay for service for the remainder of the minimum period.

2.12.3 If service is switched over to a new customer at the same premises after the first month's service, the minimum period of service requirements are assigned to the new customer if the new customer agrees in writing to accept them. For facilities not taken over by the new customer, the original customer is responsible for the remaining payment for the minimum service period in accordance with the terms under which the service was originally furnished.

2.12.4 Except as otherwise provided, the length of minimum contract period for directory listings, and for joint user service where the listing actually appears in the directory, is the directory period.. The directory period is from the day on which the directory is first distributed to customers to the day the succeeding directory is first distributed to customers.

2.12.5 The Company may require a minimum contract period longer than one month in connection with special, non-standard types or arrangements of equipment, or for unusual construction, necessary to meet special demands for service.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.13 Notices and Communications

2.13.1 The Customer shall designate on the Service Order an address to which the Company shall mail or deliver all notices and other communications, except that Customer may also designate a separate address to which the Company's bills for service shall be mailed.

2.13.2. The Company shall designate on the Service Order an address to which the Customer shall mail or deliver all notices and other communications, except that Company may designate a separate address on each bill for service to which the Customer shall mail payment on that bill.

2.13.3. All notices or other communications required to be given pursuant to this tariff will be in writing. Notices and other communications of either party, and all bills mailed by the Company, shall be presumed to have been delivered to the other party on the third (3rd) business day following placement of the notice, communication or bill with the US Postal Service or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.

2.13.4. The Company or the Customer shall advise the other party of any changes to the addresses designated for notices, other communications or billing, by following the procedures for giving notice set forth herein.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14 Jurisdictional Report Requirements

2.14.1. For purposes of implementation, the Customer is required to update their jurisdictional report in conformance with regulations contained herein, for the impending effective quarter.

2.14.2. The Customer is required in accordance with the following regulations, to report projected and actual switched access services Percentages of Interstate Usage (PIUs) to the Company unless specified otherwise in the regulations that follow.

Date Issued: November 14, 2005 Effective Date: January 14, 2006

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.3. For purposes of developing and reporting Percentages of Interstate Use, the Customer shall consider every call that enters the customer's network (either directly or indirectly) at a point in a state different from the state in which the called station is located to be interstate. The Customer shall consider every call that enters the customer's network (directly or indirectly) at a point within the same state as that which the called party is located to be intrastate.

2.14.4. The Customer is responsible for reporting percentages of interstate use by feature group, by traffic type (as defined in Section 1.3) and by service access code (including but not limited to 700 Service Access Code, 800 and 900 Access Service).

A. Percentages of Interstate Use are to be reported by the customer in whole numbers. The whole number percentages will be used by the Company to apportion the use, rates and / or NRCs between interstate and intrastate jurisdictions.

2.14.5. From the projected PIU, the Company will determine the projected percentage of intrastate use originating by subtracting the projected PIU originating from 100, and determine the projected percentage of intrastate use terminating, by subtracting the projected PIU terminating from 100.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.6. In the event that the projected PIUs provided by the Customer when ordering service changes prior to the date upon which the Company provides that a service to the customer, the customer shall report the PIU change(s) to the Company prior to service completion.

2.14.7. The Customer must also provide an interstate percentage of use for entrance facilities and direct trunked transport facilities.

A. PIU's are to be reported by the customer in whole numbers

B. At the customer's option, separate PIU's may be provided for each entrance facility and the direct trunked transport facility ordered.

C. When an entrance facility and a direct trunked transport facility are ordered at the same time as one physical facility, the Customer has the option of providing only one PIU to the Telephone Company.

D. The customer has the option of providing one PIU for entrance facilities and direct trunked transport facilities per LATA. The PIU for the LATA must be provided for each entrance facility and / or direct trunked transport facility when the customer places the order for service.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.8. Changes in PIUs - subsequent to the customer's reports at the time of ordering Switched Access Service, the customer is required to report to the Company any change in projected PIU and shall report such change to the Company on a quarterly basis. The Customer shall report such changes effective the first day of January, April, July and October.

A. The customer shall forward the revised report so that it is received by the Company no later than the 21st day of January, April, July and October.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.9. In addition to the preceding regulations, the following service specific reporting requirements apply.

A. When a customer projected interstate percentage of originating and terminating Feature Group D, the customer shall provide the PIU for each FGD Tandem.

B. The customer's reported PIU of Feature Group D used for 800 and / or 900 service shall identify on a further separated basis, originating usage which terminates on a common line.

2.14.10. The intrastate access minutes for a group will be billed as set forth in Section 2.14.11. The projected interstate percentages of use and intrastate percentages of use will be used to determine the charges as specified in Sections 2.14.10.A and 2.14.10.B.

A. The number of originating access minutes for a group will be multiplied by the projected interstate percentage of originating use to determine the originating interstate access minutes. The number of originating interstate access minutes so determined will be subtracted from the total number of originating access minutes for the group to determine the originating intrastate access minutes.

B. The number of terminating access minutes for a group will be multiplied by the projected interstate percentage of terminating use to determine the terminating interstate access minutes. The number of terminating interstate access minutes so determined will be subtracted from the total number of terminating interstate access minutes for the group to determine the terminating intrastate access minutes.

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.11. The following is applicable to all feature groups. The customer provided PIUs will be used for the apportionment of rates and / or NRCs until the end of the quarter during which the service was activated. The projected interstate percentage will be used for apportionment by the Company until it is superseded by the data contained in the Customer's revised report. The customer reported projected interstate percentages of use will be used for the apportionment of NRCs as follows.

A. The Customer reported interstate percentage of originating use will be used to determine the apportionment of charges for originating lines and trunks.

B. The Customer reported interstate percentage of terminating use will be used to determine the apportionment of charges for terminating lines or trunks.

C. The average of the Customer reported interstate percentage of originating use and the customer reported percentage of terminating use will be used to determine the apportionment of charges for two way lines and trunks, (i.e., originating percentage interstate use plus terminating percentage interstate use divided by two, equals average percent of interstate use for two way lines or trunks).

Access Services

SECTION 2 – REGULATIONS, (CONT'D.)

2.14. Jurisdictional Report Requirements, (cont'd.)

2.14.12 Jurisdictional Audits - The Customer shall keep sufficient detail from which the percentages of interstate use for all feature groups and other applicable services can ascertained and upon request of the Company make such records available for inspection and audit. The audit shall be performed by an independent party as authorized by the Company. Such a request will be initiated by the Company no more than once per year. The customer shall supply the data within 30 calendar days of the Company's request.

2.14.13 When a customer orders CCSA, the customer shall state in its order the projected interstate percentage of use in a whole number (a number of 0 to 100). The Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer from 100 as the projected intrastate percentage of use.

2.15 At the option of the Company, service may be offered on a contract basis to meet specialized requirements of the Customer not contemplated in this tariff as approved by the Pennsylvania Public Utility Commission. The terms of each contract shall be mutually agreed upon between the Customer and Company and may include discounts off of rates contained herein, waiver of recurring or nonrecurring charges, charges for specially designed and constructed services not contained in the Company's general service offerings, or other customized features. The terms of the contract may be based partially or completely on the term and volume commitment, type of originating or terminating access, mixture of services or other distinguishing features. Service shall be available to all similarly situated Customers for a fixed period of time following the initial offering for the first contract Customer as specific in each individual contract. **(C)** | | | | | | | | | **(C)**

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to end users to furnish intrastate telecommunications service.

Carrier Common Line Access is provided in all cases in which the customer obtains Telephone Company Switched Access Service under this Tariff.

Switched Access Service is provided to intrastate carriers which furnish intrastate MTS/WATS Service under this Tariff.

Non-premium Access is Switched Access Service, other than the DNAL BSA, to customers that do not furnish intrastate MTS/WATS.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE, (CONT'D.)

3.2 Limitations

3.2.1 A telephone number is not provided with Carrier Common Line Access.

3.2.2. Detail billing is not provided for Carrier Common Line Access.

3.2.3 Directory listings are not included in the rates and charges for Carrier Common Line Access.

3.2.4 Intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

3.2.5. Carrier Common Line Service is not available with the DNAL BSA.

3.2.6. All trunk side connections provided in the same combined access group will be limited to the same features and operating characteristics.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.3 Undertaking of the Company

3.3.1. Where the customer is reselling MTS/WATS, MTS-type and/or WATS-type service(s), the customer may, at the option of the customer, employ ordinary local business exchange service at generally applicable business local exchange rates under the Local Exchange Services Tariff. Switched Access or Carrier Common Line Access Charges under this tariff will not apply for such access. If the customer wishes to obtain special arrangements such as trunk side service connections for such resale, the customer may, at the option of the customer, obtain Switched Access Service under this tariff as set forth in Section 6 following, except that Carrier Common Line Access charges will not apply for such access.

3.3.2 When access to the local exchange is required to provide an MTS/WATS-type service using a resold Private Line Service, Switched Access Service Rates and Regulations, as set forth in Section 6, following, will apply. Carrier Common Line Access rates and charges as set forth in Section 3.7. following apply in accordance with the regulations as set forth in Section 3.6, following.

3.3.3 Where a multiline hunt group or trunk group arrangement is made up of 1) Lineside BSA, Trunk-side BSA-950 Option, Trunkside BSA-101XXXX Option, Feature Group A, B or D Switched Access Service and 2) business local exchange lines or other access arrangements associated with WATS or WATS- like services as provided in 3.3.2 preceding, Carrier Common Line Access Charges for such combined access arrangements with the exception of the DNAL BSA are calculated in accordance with the regulations in 3.6 following.

3.3.4 The Switched Access Service provided by the Telephone Company includes the Switched Access Service, other than the DNAL BSA, provided for both interstate and intrastate communications and the Carrier Common Line Access rates and charges as set forth in 3.7 following apply in accordance with the regulations as set forth in 3.6, following.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.4 Obligations of the Customer

3.4.1. The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

3.4.2 The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

3.4.3 Unless the customer reports

A. Intrastate use as set forth in following

3.4.4 When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for intrastate will be determined as set forth in Section 3.6.4, following.

3.4.5 When the customer orders combined access as set forth in 3.3 preceding, the customer will be charged the Carrier Common Line Access charges in accordance with the regulations as set forth in 3.6, following, if the customer or the provider of the WATS service furnishes documentation of the WATS usage and/or the customer furnishes documentation of the WATS-type service. The documentation supplied by the customer shall be supplied each month as set forth in 6.8.3(C) following.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.5 Payment Arrangements

3.5.1 The Telephone Company will bill the Carrier Common Line Access. The bill day (i.e., the billing date of the bill) in a month for each customer account will be established by the Telephone Company. Payment is due from the customer 30 days after the bill day date (payment date) or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, and is payable in immediately available funds. If such payment date is 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 will be due from the customer as follows:

If such payment date falls on 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.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.5 Payment Arrangements (Cont'd)

3.5.2 Further, if any portion of the Carrier Common Line Access payment is received by the Telephone Company after the payment date as set forth in (A) preceding, or if any portion of the Carrier Common Line Access 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 portion of the Carrier Common Line Access payment not received by the payment date times a late factor one-quarter percent (1.25%).

3.5.3 In the event a billing dispute concerning a month's Carrier Common Line Access 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 Section 3.5.2, preceding. If the customer disputes the bill on or before the payment date, and pays the undisputed amount 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 nondisputed amount and the disputed amount) on or before the payment date and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for a disputed amount penalty from the billing entity if the billing dispute is not resolved within 10 working days following the payment date or the date the customer furnishes to the billing entity documentation to support its claim plus 10 working days, whichever date is the later date. The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.6 Rate Regulations

3.6.1 The Transitional Charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 3.6, except as set forth in and 3.6.4, following.

3.6.2 When access minutes are used to determine the Transitional Charges, will be accumulated using call detail recorded by Telephone Company equipment except as set forth in (C) following and Trunkside BSA-MTS/WATS Option and Feature Group C operator and TSPS call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls recorded by the customer. The Telephone Company measuring and recording equipment except as set forth in following will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed by line group or end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

Access Services

SECTION 3 - CARRIER COMMON LINE ACCESS SERVICE

3.7 Rates and Charges

Rates and Charges for Carrier Common Lines Access Service are set forth in Section 10.3, following.

Access Service 1

SECTION 4 - BILLING NAME AND ADDRESS SERVICE

(C)

4.1 General

Billing Name and Address (BNA) Service is the provision of the complete billing name, street address, city or town, state and zip code for a telephone number assigned by the Company.

BNA Service is provided for the sole purpose of permitting the Customer to bill its telephonic communications services to its end users and may not be resold or used for any other purpose, including marketing activity such as market surveys or direct marketing by mail or by telephone. The Customer may not use BNA information to bill for merchandise, gift certificates, catalogs or other services or products.

BNA Service provided on a manual basis only. Information will be provided by voice telecommunications, fax, or mail, as appropriate.

BNA information is furnished for sent-paid, collect, bill to third party, 700 and 900 messages and messages charged to a calling card that is resident in the Company's data base.

(C)

Date Issued: May 22, 2006 Effective Date: July 24, 2006

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

SECTION 4 - BILLING NAME AND ADDRESS SERVICE, (CONT'D.)

4.2 Undertaking of the Company

4.2.1 A request for information on telephone numbers should be mailed or faxed to the Company. The Company will provide the response by first class U.S. Mail within ten (10) business days, unless other arrangements are mutually agreed to between the Company and the Customer.

4.2.2 The Company will specify the format in which requests are to be submitted.

4.2.3 The BNA information will be provided for the calling number furnished to the extent a billing name and address exists in the Company's records, including non-published and non-listed numbers. If the billing name and address information for a specific calling number is confidential due to legal, national security, end user or regulatory imposed requirements, the Company will provide an indicator on the confidential records.

4.2.4 The Company will provide the most current BNA information resident in its data base. Due to normal end user account activity, there may be instances where the BNA information provided is not the BNA that was applicable at the time the message was originated.

4.2.5 The Company shall use reasonable efforts to provide accurate and complete lists. The Company makes not warranties, expressed or implied, as to the accuracy or completeness of these lists.

SECTION 4 - BILLING NAME AND ADDRESS SERVICE, (CONT'D.)

4.3 Obligations of the Customer

4.3.1 With each order for BNA Service, the Customer shall identify the authorized individual and address to receive the BNA information.

4.3.2 The Customer shall institute adequate internal procedures to insure that BNA information, including that related to non-published and non-listed telephone numbers, is used only for the purpose set forth in this Tariff and BNA information is available only to those Customer personnel or agents with a need to know the information. The Customer must handle all billing name and address information designated as confidential by the Company in accordance with the Company's procedures concerning confidential information. The Company will provide to the Customer a statement of its procedures concerning confidential information upon request.

4.3.3 The Customer shall not publicize or represent to others that the Company jointly participates with the Customer in the development of the Customer's end user records, accounts, data bases or market data, records, files and data bases or other systems it assembles through the use of the BNA Services.

SECTION 4 - BILLING NAME AND ADDRESS SERVICE, (CONT'D.)

4.4 Rate Regulations

4.4.1 Service Establishment Charges apply for the initial establishment of BNA Service on a manual basis.

4.4.2 A charge applies for each request for BNA information for a telephone number on a manual basis. The Company will keep a count of the requests processed, and will bill the Customer in accordance with these counts whether or not the Company was able to provide BNA information for all requests.

4.4.3 When a customer cancels an order for BNA Service after the order date, the Service Establishment Charge applies.

4.5 Rates and Charges

Rates and charges can be found in Section 10.4, following.

Access Service 6

SECTION 5 – SERVICE ACCESS ORDER

5.1 General

An Access Service Order is used by the Company to provide a Customer Access Service. A Customer may order any number of services of the same type and 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 service.

When placing an order for Access Service, the Customer shall provide to the Company the order information required in Section 5.2 in addition to the following:

- 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.

5.2 Ordering Requirements

When ordering Switched Access service, the Customer must specify whether the service is to be provided as:

- Direct Trunked Transport to the end office,
- Direct Trunked Transport to a tandem which connects with Common Transport from the tandem to the end office, or
- Common Transport to the end office.

When all or a portion of service is ordered as Direct Trunked Transport, the Customer must specify the type and quantity of Direct Trunked Transport Facility (i.e., High Capacity DS1).

Access Service 7

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.2 Ordering Requirements, (Cont'd.)

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.

5.2.1 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 the Local Transport and Local Switching options desired. When ordering FGB trunks to an access tandem, the Customer must also provide the Company an estimate of the amount of traffic to be generated to and/or from each end office subtending the access tandem to assist the Company in the effort to project further facility requirements.

In addition, the Customer shall also specify for terminating only access, whether the trunks are to be arranged in trunk group arrangements or provided as single trunks.

Access Service 8

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.2 Ordering Requirements, (Cont'd.)

5.2.2 For Feature Group D Switched Access Service, the Customer shall specify the number of busy hour minutes of capacity (BHMC) from the Customer's premises to the end office by traffic type. This information is used to determine the number of transmission paths. The Customer shall also specify the Local Transport and Local Switching options. Customers may, at their option, order FGD by specifying 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 the Local Transport and Local Switching options desired. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the Customer must also provide the Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Company in its own efforts to project further facility requirements.

When a Customer orders FGD in trunks, the Customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

Access Service 9

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.2 Ordering Requirements, (Cont'd.)

5.2.3 For 800 Data Base Access Service, the Customer shall order the service in accordance with the preceding provisions set forth for Feature Group D. If the Customer desires any of the optional features available with Toll Free 800 Series Data Base Service, the Customer shall so specify on the order for service.

5.2.4 When a Customer orders collocation in an end office and/or access tandem with Company provided Switched Access Service(s), the Customer must specify the collocated fiber optic facilities or microwave interconnection location involved. The Customer must also specify the particular end office or access tandem location involved, which must be the end office in which the Switched Access Service(s) originate or terminate, or an Access Tandem in which such service(s) are switched.

5.3 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

-Standard Interval
-Negotiated Interval
-Advance Order Interval

To the extent Access Service can be made available with reasonable effort, the Company will provide Access Service in accordance with the Customer's requested interval, subject to the following conditions.

Access Service 10

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.3 Access Order Service Date Intervals, (Cont'd.)

5.3.1 Standard Interval

A schedule of Standard Intervals applicable for Switched Access Services and is as follows:

Feature Groups B and D	Standard Interval
1 to 4 Trunks	28 Days
5 to 8 Trunks	30 Days

If a Customer requests that installation be done outside of normal scheduled work hours, and the Company agrees to this request, the Customer may be subject to applicable Additional Labor Charges.

A Service Date Change Charge as set forth in Section 10.5.1 following, will apply for the change in service date on a pending Standard Interval Access Order.

5.3.2 Negotiated Interval

The Company will negotiate a service date interval with the Customer when:

A. There is no Standard Interval for the service, or;

B The quantity of Access Services orders exceeds the quantities specified in the Standard Intervals, or;

C. The Customer requests a service date beyond the applicable Standard Interval service date except as set forth in 5.3.3, following.

Access Service 11

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.3 Access Order Service Date Intervals, (Cont'd.)

5.3.2 Negotiated Interval, (cont'd.)

The Company will offer a service date based on the type and quantity of Access Services the Customer has requested. The Negotiated Interval may not exceed by more than six (6) months the Standard Interval service date, or, when there is no Standard Interval, the Company offered service date. All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

Common Channel Signaling Access (CCSA) links will be provided on a Negotiated Interval. New or existing FGD trunks ordered with the SS7 signaling option will be provided on a Negotiated Interval.

The addition and/or deletion of an 800 Access Service six (6) digit Customer identification NXX is provided with a Negotiated Interval. The addition of an 800 Access Service ten digit Customer identification record to the 800 Access Service data base or the deletion of an 800 Access Service ten digit Customer identification record from the 800 Access Service data base is provided with a Negotiated Interval.

	Maximum Interval
Initial establishment of service where Customer is:	
- Not yet provided with any FGB or FGD service in the LATA	6 months
- Provided FGB or FGD service in the LATA	90 Days

Access Service 12

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.3 Access Order Service Date Intervals, (Cont'd.)

5.3.3 Advance Order Interval

When placing an Access Order, a Customer may request an Advance Order Interval for a service date of twelve (12) to twenty-four (24) months from the Application Date for the following services:

- A minimum of twenty-four (24) voice grade equivalent Switched Access Service lines or trunks or 720 BHMCs

Orders for less than the minimum quantities will be accommodated under Standard or Negotiated Interval provisions.

Advance Order Interval Access Orders are subject to all ordering conditions of Standard and Negotiated Interval Access Orders except for the following:

A. Advance Payment

A non-refundable Advance Payment will be calculated as follows:

Advance Payment (Non-refundable) the minimum (Non-refundable) monthly charge for the minimum period plus the applicable Nonrecurring Charges for the services ordered.

This Advance Payment is due ten (10) working days from the date the Company confirms acceptance of the order, or on the Application Date, whichever date is the later date. If the Advance Payment is not received by such payment date, the order will be canceled.

When the Access Services are connected on the service date, the Advance Payment will be applied, as a credit, to the Customer's billed service charges. When there has been a decrease in the number of services originally ordered, as set forth in 5.3.3 (B) following, only the portion of the Advance Payment for services actually installed will be credited.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.3 Access Order Service Date Intervals, (Cont'd.)

5.3.3 Advance Order Interval, (cont'd.)

B. Cancellation or Partial Cancellation of an Advance Order Interval Access Order

When the Customer cancels an Access Order, the order will be withdrawn. The Advance Payment will not be credited or refunded.

Any decrease in the number of ordered Access Services will be treated as a partial cancellation, and the portion of the Advance Payment for the services canceled will not be credited or refunded.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.4 Access Order Modifications

The Customer may request a modification of its Access Order at any time prior to notification by the Company that service is available for the Customer's use or prior to the service date, whichever is later.

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

5.4.1 Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than thirty (30) calendar days. When, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed thirty (30) calendar days, and the Company accordingly delays the start of service, a Service Date Change Charge will apply. If the Customer requested service date is more than thirty (30) calendar days after the original service date, the order will be canceled by the Company and reissued with the appropriate cancellation charges applied.

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The applicable charge is as set forth in Section 10.2.1, following.

Access Service 15

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.4 Access Order Modifications, (Cont'd.)

5.4.2 Partial Cancellation Charge

Any decrease in the number of ordered Switched Access Service lines, trunks or busy hour minutes of capacity ordered with a Standard or Negotiated Interval Access Order will be treated as a partial cancellation and the charges as set forth in Section 5.5.2(A) following will apply. Partial cancellation charges do not apply to Advance Order Interval Access Orders.

5.4.3 Design Change Charge

The Customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. Design changes do not include a change of Customer premises, end user premises, end office switch, Feature Group type except for changes to Feature Group D. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is set forth in Section 10.2.2 following in addition to Additional Engineering may apply. If a change of service date is required, the Service Date Change Charge will also apply.

5.4.4 Expedited Order Charge

A. When placing an Access Order for services(s) for which Standard Intervals exist, a Customer may request a service date that is prior to the Standard Interval service date. A Customer may also request an earlier service date on a pending Standard, Negotiated or Advance Order Interval Access Order. If the Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply, as set forth in 10.2.3, following.

Access Service 16

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.4 Access Order Modifications, (Cont'd.)

5.4.4 Expedited Order Charge

B. If the Company receives a request for an expedited service date at the time a standard interval access order is places, the expedited order charge is calculated by summing all the NRCs associated with the access order and then dividing by the number of days in the standard interval. The charge is then applied on a per day improvement basis, per order but in no even t will exceed 50% of the total NRCs of the associated with the access order.

C. If the Companies subsequently unable to meet an agreed upon expedited service date no expedited order charge will apply unless the missed service date was caused by the customer, the customer's agent or patron.

D. When the Company receives a request for expediting a pending standard interval or negotiated interval access order, the expedited order charge is based in the extent to which the access order has been processed at the time the Company agrees to the service date improvement. In no event shall the charge exceed 50% of the total NRCs associated with the access order. In order to determine the expedited order charge, the Company would proceed as follows.

1. Determine the next critical date to be completed on the order.

2. Determine what percent of the provisioning activity is not yet completed.

3. Apply the percentage to the sum of all NRCs associated with the order.

4. Apply the per day charges on a per day of improvement basis, per order.

5. When the request for expediting occurs subsequent to the issuance of the access order a service date change charge also applies.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.5 Cancellation of an Access Order

5.5.1 A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

A customer may negotiate an extension of a service date of an Access Order for installation of new services or rearrangements of existing services and a Service Date Change Charge as set forth in 5.2.2 will apply. However, the new service date cannot exceed the originally established service date by more than 30 calendar days. On the 31st day beyond the original service date, the Access Order will be canceled and an appropriate Cancellation Charge will be applied.

Costs incurred in conjunction with the provision of Switched or Special Access Service start on the Application Date as defined in (B)(2) following.

When the customer cancels an Access Order prior to being notified of the critical events in the Provisioning Process, as defined in (B)(2) following, no charges shall apply.

5.5.2 Applicable charges are based on the amount of provisioning completed by the Telephone Company at the time the order is canceled. The charges are determined based on the following:

A. Certain Telephone Company critical dates are associated with an Access Order provisioning interval, whether Standard or Negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning process. At any point in the Access order provisioning interval the Telephone Company is able to determine which critical date was last completed and can thus determine what percentage of the Telephone Company's nonrecurring charge has been incurred.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.5 Cancellation of an Access Order

5.5.2. (Cont'd.)

B. The critical dates tracked by the Telephone Company are as follows:

- Application Date (APP): The date the customer provides a firm commitment and sufficient information as detailed in 5.1 preceding to the Telephone Company. This is also the order date.

- Scheduled Issue Date (SID): The date that the order is to be entered in the Telephone Company's order distribution system.

- Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the customer. In the case of "Routing/Translation only"* orders, this date occurs when all necessary network design and layout information has been passed to the Translation Writing Organization.

- Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.

- Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment is to be installed and tested and all translations loaded and checked.

- Plant Test Date (PTD): The date on which overall testing of the service is to be started. In the case of "Routing/Translation only" *orders, this date is when all individual office tests of the translations are completed.

- Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.5 Cancellation of an Access Order, (CONT'D.)

5.5.2. (Cont'd.)

C. The amount of the total provisioning completed by the Telephone Company at a particular critical date varies by the type of service shown as following.

When a customer cancels an Access Order, or part of an Access Order, before the service date, the Telephone Company will apply cancellation charges to the order, unless the order is canceled because the Telephone Company missed the service date, by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by the percentage shown following for the critical date last completed on the order:

PERCENTAGE OF THE NONRECURRING CHARGE FOR CANCELLING AN ACCESS ORDER						
	APP	**SID**	**DLRD**	**RID**	**WOT**	**PTD**
FGB	0%	8%	17%	32%	100%	100%
FGD	0%	7%	18%	32%	100%	100%

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only.

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SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.6 Minimum Period

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

5.6.2 The following changes will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service.

The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.

A. A move to a different building.
B. A change in type of service.
C. A change in Switched Access Service Interface Group.
D. Change in Switched Access Service traffic type.
E. Change in Company-provided Switched Access Service to a Collocated Interconnection arrangement or vice versa.
F. Change to an existing Feature Group D Service to include the provision of 64 kbps Clear Channel Capability.

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

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

For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity.

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

SECTION 5 – SERVICE ACCESS ORDER, (CONT'D.)

5.7 Rates and Charges

Rates and Charges for Access Service Order are set forth in Section 10.1, following.

SECTION 6 – SERVICE ACCESS SERVICE

6.1 Description

6.1.1 General

Switched Access Service, which is available to customers for their use in originating and terminating communications, provides a two point electrical communications path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and both common subscriber plant and unshared subscriber plant (i.e., WALs) of the Telephone Company. Switched Access Service provides for the ability to originate calls from an user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services or MTS/WATS equivalent services, or other services (e.g., foreign exchange service). depend generally

Switched Access Service is provided in two(2) basic service arrangements called Feature Group B (FGB), and Feature Group D (FGD).

6.1.2. Service Structure

A. Switched access service is provided in service arrangements called Feature Groups (FG s) which are differentiated by their technical characteristics, (e.g., line side vs. trunk side connection at the Company entry switch), and in the manner in which end user accesses them in originating calling (e.g., with or without an access code). The FG s are identified as FGB and FGD. Each feature group requires local transport facilities and the appropriate local switching functions. 800 Database and 900 database access services are available through the use of the trunk side feature groups.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.1 Description, (Cont'd.)

6.1.2. Service Structure

A. (Cont'd.)

1. FGs are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. The Company will determine the type of calling to be provided unless the customer requests that a different of directional calling is to be provided. In such cases, the Company will work cooperatively with the customer to determine the direction.

a) Originating Calling - permits the delivery of calls from the telephone exchange service locations to customer's premises

b) Terminating Calling - permits the delivery of calls from the customer's premises to telephone exchange service locations.

c) Two-way calling - permits the delivery of calls in both directions, but not simultaneously

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.1 Description, (Cont'd.)

6.1.3. Manner of Provision

A. Lines, Trunks and Busy Hours of Capacity (BHMCs) - Switched access is furnished in either quantities of lines or trunks, or, for tandem switched transport, in BHMCs. BHMCs and trunks are differentiated by type and directionality of traffic carried over a switched access service arrangement. Differentiation of traffic is necessary for the Company to properly design switched access service to meet the traffic carrying requirement of the customer.

1. FGB is provided on a per trunk basis

2. FGD is provided on a BHMC basis for tandem switched transport only and may also be provided to customers on a per trunk basis as set forth in Section 5.2, preceding.

B. Transmission Specifications - there are three transmission specifications (i.e., types A, B, or C) for the provision of feature groups. The specifications provided are dependent on the interface group and the routing of the service (i.e., whether the service is routed directly tot he end office or via an access tandem), as specified in Sections 6.2, 6.3 and 6.4, following.

C. Facilities and Routing - any customer may request that the facilities used to provide switched access service be specially routed.

D. Testing - At no additional charge, the Company will, at the customer's request, cooperatively test, at the time of installation, loss, C-message noise, 3 tone slop, dc continuity and operational signaling. When the local transport is provided with interface group 2,6,7, and 9 and the local transport termination is two-wire (there is a four wire to two wire conversion in local transport), balance parameters (equal level echo path loss may also be tested.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.1 Description, (Cont'd.)

6.1.4. Traffic Type

A. The major traffic types are originating, terminating and directory assistance. When ordering capacity for FGB or FGD access, the customer must at a minimum specify such access capacity in terms of originating traffic type and / or terminating traffic type.

B. Originating Traffic represents access capacity within a LATA for carrying traffic from the end user to the customer. Because some customers may want to further segregate their originating FGB and FGD traffic into separate trunk groups or because segregation may be required by technical limitations. When ordering the following originating traffic types of access capacity, FGD customer's must specify the specific traffic type being ordered.

1. Domestic.

a) Domestic traffic type represents access capacity for carrying only domestic traffic other than 800, 900 and operator traffic.

2 . 800

3. 900

4. Operator

a) 800, 900 and operator traffic types represent access capacity for carrying, respectively only 800, 900 or operator traffic.

C . Terminating Traffic - represents access capacity within a LATA for carrying traffic from the customer to the end user.

D. Directory Assistance Traffic represents access capacity within a LATA for carrying directory assistance traffic from the customer to a directory assistance location.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service

6.2.1 General

A. The functional components of switched access feature groups are local transport, local switching, and carrier common line, as described in Section 3, preceding.

6.2.2. Local Transport

A. Local Transport provides the transmission facilities between the customer's premises and then end office switch(es) where the customer's traffic is switched to originate or terminate its communications.

B. Local Transport is a two way voice frequency transmission path composed of facilities specified by the customer or for tandem switched transport, determined by the Telephone Company.

1 . The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch) but not simultaneously.

2. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hertz.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

C. The Company will work cooperatively with the customer in order to determine the following.

1. Whether the service is to be directly routed to an end office switch or through an access tandem switch.

2. The directionality of service.

D. For purposes of determining local transport mileage, distance will be measured from the wire center that normally serves the customer to the end office switch(es). Exceptions to the mileage measurement rules are set forth in Section 6.4.9, following.

1. Notwithstanding, Section 6.2.2.A, the local transport mileage for access minutes which originate (i.e., FGD) from or terminate (i.e., FGB or FGD), to a WAL service will be calculated in an airline basis, using V& H coordinates method, between the WCO at which the WAL service terminates and the customer premises serving wire center for the FGB and FGD service provided. When the FGB usage originating from or terminating to a WAL service is transposed over a FGB trunk which assumed minutes of use are billed, the local transport mileage for such usage will be calculated in accordance with Section 6.4.9 as appropriate.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

E. Local Transport Rate Category

Local Transport Rate Category is comprised of the following:

1. Entrance Facility - the entrance facility is comprised of a standard channel termination rate for that portion of the voice frequency transmission path from the customer premises to the serving wire center.

   a) The customer must order or have in place an entrance facility from the customer premises to the serving wire center of the customer premises for direct trunked facility or tandem switched transport.

   b) An office channel termination rate will apply in lieu of the standard channel termination for each local transport entrance facility terminated at the customer's collocated premises. Company facilities or services will not be provided to connect collocated premises in different wire centers.

2. Interconnection Charge

   The Interconnection charge provides for the interconnection with the Company switched access network.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

E. Local Transport Rate Category, (cont'd.)

3. Channel Mileage.

The local transport rate category, when provided as direct trunked transport, is comprised of channel a mileage rate. Channel mileage rate provides for that portion of the voice frequency transmission path from the serving wire center of the customer premises directly to an end office or an access tandem.

4. When provided as tandem switched transport, local transport is comprised of local transport termination, local transport facility and local transport tandem switching..

a) **Local Transport Termination** provides for that portion voice frequency transmission path at either the serving wire center of the customer premises or at the access tandem and the end office switch for traffic that is switched at an access tandem. Local transport termination for that portion of the voice frequency transmission path at a host end office and a remote switching system or a remote switching module.

b) **Local Transport Facility** provides for that portion of the voice frequency transmission path from either the serving wire center of the customer premises or the access tandem to an end office for traffic that is switched at an access tandem. It also provides for that portion of the voice frequency transmission path from the host end office to a remote switching system and a remote switching module.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

E. Local Transport Rate Category, (cont'd.)

4. (cont'd.)

c) **Local Transport Tandem Switching** provides for the use of the Company tandem switching facilities. An operator passthrough charge and multiplexer charge will apply as appropriate.

5. Operator Access - If the customer provides operator services for end users for calls originating from a particular LATA and is capable of receiving calls passed through to it by the Company in that LATA, the Company will provide end users with access to the operators of a customer for operator assisted call completion as desired. The customer will be assessed an operator passthrough charge that will include the costs associated with handling the operator services passthrough

a) If the customer does not provide operator services for end users, at the option of the customer, the Company will provide end users with access to a customer designated operator services provider or to a Company provided announcement which will direct the end user to contact his or her pre-subscribed Interexchange Carrier for dialing instructions. For customers who opt to designate an operator services provider, only one operator service provider may be designated within a specific LATA. In either case, the operator passthrough charge will be assessed. However, when an operator services provider is designated by the customer to handle this traffic, the operator passthrough charge will be assessed on the operator services provider instead of the customer.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

E. Local Transport Rate Category, (cont'd.)

5. (cont'd.)

b) CCSA provides for the interconnection to the Company common channel signaling network using dedicated STP links and STP ports.

c) Operator passthrough is provided on a mechanized and manual basis for intraLATA and interLATA calls.

F. Interface Groups

Interface groups are provided for terminating the local transport at the customer's premises. Five Interface groups are provided for terminating the local transport at the customer's non-collocated premises and two interface groups are provided for terminating the local transport at the customer's collocated premises, Each interface group provides a specified premises interface (e.g., two-wire, four-wire, DS1 etc. . .). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may, at the option of the customer, be provided with optional features described herein.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

F. Interface Groups, (cont'd.)

1 . As a result of the customer's access order and the type of entrance facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Company equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Company facilities serving the customer's premises is digital, then Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency entrance facility ordered by the customer. For collocated arrangements, such equipment will be placed in Company space within the serving wire center, access tandem or remote node that serves the customer's collocated premises.

2. Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the interface groups may vary among feature groups. The various premises interfaces which are available with the interface groups and the feature groups which may be used are shown in Exhibits 6.2.2.-1 through 6.2.2.-5.

3. Transmission Specifications - Interface Group 1 is provided with Type C transmission specifications. Interface Groups 2,6,7 and 9 are provided Type A or B transmission specifications depending in the feature group and whether the access service is routed directly or through and access tandem. All interface groups are provided with data transmission parameters.

Access Service

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

F. Interface Groups, (cont'd.)

4. Signaling - Interface groups 1 and 2 are provided with loop supervisory signaling. When the interface is associated with FGB or FGD, such signaling, except for two-way calling (which is E&M Signaling), will be reverse battery signaling. Interface groups 6,7 and 9 are provided with individual transmission path bit stream supervisory signaling.

5. The SS7 signaling option is provided with FGD. These trunks may be provided using interface groups 1, 2, 6 and 9. CCSA signaling connections are provided using interface group 6. **(C)**

|

(C)

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

G. Optional Features

Where transmission facilities and parameters permit, and where signaling conversion is required by the customer to meet its signaling needs capability, the Company will provide the customer non-chargeable supervisory signaling arrangement for each transmission path as follows. The optional supervisory signaling arrangements are not available in combination with SS7 signaling option.

1. **For Interface Groups 1 and 2** - DX supervisory signaling, E&M Type 1 supervisory signaling, E&M Type 2 supervisory signaling or E&M Type 3 supervisory signaling.

2. **For Interface Group 2** - SF supervisory signaling or tandem supervisory signaling.

3. **For Interface Groups 6,7, and 9.** - these interface groups at the option of the customer, may be provided with individual transmission path SF Supervisory Signaling where such signaling is available in Company central offices. Generally such signaling is available only where the entry switch provides analog, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

H. **Other Non-Chargeable Local Transport Optional Features -** are provided where transmission facilities permit, and are as follows.

1. Customer specified Entry Switch Receive Level allows the customer to specify the first point of switching. The range of transmission levels which may be specified as described in Technical Reference TR-NPL-000334. This available with interface groups 2,6,7, and 9 for FGB.

2 . Customer Specific Specification of Local Transport Termination allows the customer to specify, for FGB routed directly to an end office or access tandem, a four wire termination of the local transport at the entry switch in lieu of a Company selected two-wire termination. This is available only when the FGB arrangement is provided with Type B transmission specifications.

3. Signaling System 7 Signaling option allows the customer to receive signals for a call setup out of band. This option is available with FGD. The option is provided with calling party number, charge number and carrier selection parameter as specified in section 6.2.4D, following

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

I. Chargeable Optional Features

1. Common Channel Signaling Access (CCSA) provides interconnection to the Company common channel signaling network using a dedicated STP link and STP port. The STP link provides the connection for the customer designated premises to the Company STP. The STP port provides the connection from the customer access to the CompanySS7 Network. The STP link and STP Port are dedicated to the customer. Shared Use may also be provided.

a. Each CCSA STP link provides two-way digital transmission at a speed of 56 Kbps. The connection to the Company STP can be made from either the customer's signaling point which requires two 56 Kbps circuits or from the customer's STP which requires four 56 Kbps circuits. The design requirements for CCSA STP links are described in Technical Publication TR-TSV-000905.

b. The STP Locations are set forth in the NECA Tariff FCC No. 4.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.2. Local Transport, (cont'd.)

I. Chargeable Optional Features

1. (cont'd,)

c. Where the multiple STP pairs are deployed in a LATA, Company end offices or tandems are interconnected to only one STP pair. The Customer must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated. The customer may request that all of its terminating traffic in a LATA be routed to a single STP Pair, using the Telephone Company's SS7 signaling network to provide connection to the other STP pair in the LATA. If available capacity exists within the Telephone Company's SS7 signaling network and where technically feasible, the Company and the customer will mutually agree to the customer's use of a single STP pair in the LATA. In the event that the CompanySS7 signaling network may be impaired as a result of changes in traffic requirements, the customer will then be notified that its use of a single STP pair in the LATA is no loner permitted and that it must order CCSA links to each STP pair in the LATA.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.3 Local Switching

A. Local Switching provides the functions necessary to complete the transmission of switched access communications to and from end users serviced by the local end offices. The functions included are listed as follows.

1. Local End Office Switching - The common switching functions associated with the various Switched Access feature groups.

2. Transport Termination - The line or trunk side arrangements which terminate the local transport facilities at end offices.

3. Intercept - The termination of a call at a Company intercept operator or recording.

4. Line Termination - The termination for the end user lines (common lines and WALs) terminating in the end office.

B. WAL Service terminates are differentiated by line side vs. trunk side terminations, the standard WAL service arrangement is available with line side termination.

1. There are various types of originating, terminating and two-way line side terminations depending on the type of signaling associated with the WAL service (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

2. There are also various types of originating only or terminating only WAL service trunk side termination that are available in lieu of standard line terminations. Trunk side terminations are provided only in association with certain WAL service termination optional features.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

A. Alternate Traffic Routing - End Office Alternate when Ordered in Trunks - provides an alternate routing arrangement for customers who order in trunks and have access for a particular feature group to an end office via two routes: one route via an access tandem and one direct route. The feature allows the customer's originating traffic from an end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped and offices and available with FGB and FGD. It is not available with FGD provided from designated electro-mechanical end offices.

B. Alternate Traffic Routing - Multiple Customer Premises - provides the capability of directing traffic from an end office (or appropriately equipped access tandem) to a trunk group (the high usage group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the overflowing traffic) from the same end office or access tandem to a different trunk group (the final group) to a second customer premises. The customer shall specify the last trunk CCS desired for high usage group. It is provided in suitably equipped end office or access tandem switched and is available with FGB and FGD.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

C. Automatic Number Identification (ANI) - Switched access service offering the optional feature, ANI, is provided under this tariff only to Cable TV companies for then sole purpose of facilitating billing for such companies and for Interexchange Carriers.

1. ANI provides the automatic transmission of a seven or a ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call by call basis with all individual transmission paths in a trunk group routed directly between an end office and a customer's premises; or where technically feasible, with all individual transmission paths in a trunk group between an access tandem and a customer's premises. Where ANI cannot be provided, (e.g., on calls from four-and party services), information digits will be provided to the customer.

2. The seven digit ANI telephone number is available with FGB. With this feature group, technical limitations may exist in Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines and public telephone service lines using FGB or when an ANI failure has occurred. The ten digit ANI telephone number is available with FGD provided multifrequency address signaling. The ten digit ANI telephone number consists of the NPA plus seven digit ANI Telephone number.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

C. (cont'd.)

3. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

a) The information digits identify

b) Telephone number is the station billing number

c) No special treatment is required.

d) Multiparty line telephone number is a four or eight party line and cannot be a identified number must be obtained by an operator or in some other manner.

e) ANI failure has occurred in the end office switch which prevents identification of the calling telephone number. The Telephone number must be obtained via an operator or in some other manner.

f) Hotel / motel originated call which requires room identification.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

C. (cont'd.)

3. (cont'd.)

g) Coinless station, hospital, inmate, etc. ., call which requires special screening or handling by the customer

h) Call is an automatic identified outward dialed call from the customer premises equipment. The ANI telephone number is listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with FGB and FGD.

4. Additional ANI information digits are available with FGD. They include interLATA restricted telephone number is identified; the ANI telephone number is the listed telephone number is identified line; InterLATA restricted hotel / motel line; InterLATA restricted Coinless line; hospital; inmate; etc., line. These information digits will be transmitted as agreed to by the customer and the Telephone Company.

5. When SS7 signaling option is specified, the customer will be provided an ANI equivalent, the charge number feature, as specified in Section 6.2.4D, following.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

D. Baud Advance Arrangement for Use with WAL Service - This option which is provided in association with two or more WAL service groups, provides for the automatic overflow of terminating calls to a WAL service group, when that group has exceeded its call capacity, to another WAL service group with a band designation equal to or greater than that of the overflowing WAL service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with FGD.

E. End Office End User Line Service Screening for Use with WAL Service - This option provides the ability to verify that a customer has dialed a called party address (by screening the called NOA and / or NXX on the basis of the geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer (i.e., WATS). This option is provided in all Company electronic end offices and where available, in electro-mechanical end offices in which WAL service is provided. It is available with FGD.

F. Hunt Group Arrangement for Use With WAL Service - this option provides the ability to sequentially access one or more WAL Services (i.e., 800 service access lines) in the terminating direction, when the hunting number of the WAL service group is forwarded from the customer to the Telephone Company. This Feature is provided in the Telephone Company's end offices in which WAL service is provided. It is available with FGB and FGD.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

G. Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WAL Service - this option provides an arrangement for an individual WAL Service within a multiline hunt or uniform call distribution group that provides access to those WAL services within the Hunt or the uniform call distribution group when it is idle or provides busy tone when it is busy, when the non-hunting number is dialed. Where available, this feature is only provided in Company electronic end offices in which WAL service is provided. It is available with FGB and FGD.

H. Routing of IntraLATA Calls to the Company for Use with WAL Service - This option is available with either, originating only WAL service not equipped with the end office end user line service screening optional feature, or with two-way WAL service, provides that IntraLATA calls originating over such services by the end users dialing valid NXX codes in the LATA, time or weather announcement services of the Company, community information services of an information service provider, local operator assistance (0- and 0+), service codes (611 and 911), and directory assistance (411, 555-1212 and NPA 555-1212) will be routed to the facilities of the Company for completion. Calls placed by the end user's dialing the 950-0XXX or 950-1XXX will directed to the FGB customer. This option provides that interLATA calls originating from such services by the end user's dialing 0- will be directed to the FGD service of the customer providing the InterLATA operator services. This option is available with FGD.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.4 Local Switching Optional Features - Common Switching

I. Service Class Routing - this option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based in the line class of service (e.g., coin, multiparty or hotel / motel), service prefix indicator (e.g., 0- or 0+) or service access code (e.g., 800). It is provided in suitably equipped end office or access tandem switches and is available with FGD.

J. Uniform Call Distribution Arrangement for Use with WAL Service - this option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WAL services in the Hunt Group. Where available, this feature is only provided in Company electronic end offices in which WAL service is provided. It is available with FGB and FGD.

K. Up to Seven Digit Out-pulsing of Access Digits to Customer - this option provides for end office capability of providing up to seven digits of the uniform access code (950-XXX or 950 -1XXX) to the customer premises. The customer can request that only some of the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding ANI if that feature were provided. It is available with FGB.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.5 Local Switching Optional Features - Transport Termination

A. Operator Trunk Assist Feature - this option provides the operator functions in the end office to the customer's operator. These functions are operator released and operator attached. It is available with FGD and is provided as a trunk type of transport termination. This service is not available in combination with SS7 signaling option.

B. Operator Trunk Full Feature - this option provides the operator functions available in the end office to the customer's operator for InterLATA use. These functions are, operator released, operator attached, coin collect, coin return and ringback. It is available with FGD and is provided as a trunk type of transport termination. This option is not available with SS7 signaling option.

C. Rotary Dial Station Signaling - this option provides for the transmission of called party addresses from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of transport termination. It is available with FGB, only on a directly trunked basis.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.6 Local Switching Optional Features - WAL Service Terminations

A. WAL Service Terminations

WAL Service Terminations are available only on end offices designated as WSOs.

1. Answer Supervision provides for equipment at the end user premises that indicates that the called end user has answered, when such indication is provided by the interexchange carrier. When answer supervision is provided with two-wire WAL service, reverse battery-type supervision is also provided. This option is available with originating only two-wire WAL service for use with FGB and FGD.

2. E&M Supervisory Signaling - provides for E&M Type 1, Type 2, or Type 3 supervisory signaling in lieu of loop start or ground start supervisory signaling. When E&M supervisory signaling is provided, answer supervision is also provided for originating traffic. This option is available with four-wire originating, terminating and two-way only WAL service, for use with FGB and FGD.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.7 Local Switching Optional Features - SS7 Signaling Options

A. Calling Party Number (CPN) - CPN provides for the automatic transmission of the calling party's ten digit telephone number to the customer's premises for calls originating in the LATA or from the customer's premises for calls terminating in the LATA. The ten digit telephone number consist of the NPA plus seven digit telephone number, which may or may not be the same number as the calling stations charge number. The feature is provided with FGD when ordered with the SS7 signaling option. The specific protocols for these options are contained in TR-TSV-000905.

B. Charge Number (CN) - CN provides for the automatic transmission of the ten digit billing number of the calling station number and originating line information. This feature is provided with FGD when ordered with SS7 signaling option.

1. The information digits shall only be used for billing and collection, routing and screening and completion of the originating subscriber's call or transaction. The information provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.7 Local Switching Optional Features - SS7 Signaling Options

B. (cont'd.)

2. Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than the following.

a) Performing the services or transaction that are the subject of the originating subscriber's call.

b) Ensuring network performance security, and the effectiveness of the call delivery.

c) Compiling, using and disclosing aggregate information.

d) Complying with applicable laws.

3. The above restrictions shall not prevent the subscriber to the CN feature from using information acquired from a CN feature, such as the telephone number and billing information or information derived from analysis of the characteristics of calls received through the CN feature, to offer a product or service that is directly related to the products or services previously purchased by a customer of the CN feature subscriber.

C. Carrier Selection Parameter (CSP) - CSP provides for the automatic transmission of signaling indicator which signifies to the customer whether the call being processed originated from a pre-subscribed end user of that customer. This feature is provided with FGD when ordered with SS7 Signaling Option.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.2 Functional Components of Service, (Cont'd.)

6.2.7 Local Switching Optional Features - SS7 Signaling Options

D. Carrier Identification Parameter (CIP) - provides for the transmission of CIC information to the customers on originating FGD service. CIP is available from suitably equipped end offices and access tandems, when the SS7 signaling option is specified. When CIP is provided, the switch will transmit, to the customer premises, the 3 or 4 digit CIC of the pre-subscribed line, or the CIC selected when the end user places a call using 10XXX or 101XXXX dialing. CIP is available on an originating basis as a chargeable optional feature with originating one or two way FGD trunk groups.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access

6.3.1 Feature Group B (FGB)

A. FGB which is available to all customers, provides trunk side access to a Company end Office switched with an associated uniform 950B0XXX or 950-1XXX access code for non-900 access services traffic, for customer's use in originating and terminating communications. FGB when directly routed to an end office (i.e., provided without the use of a tandem switch), is provided at appropriately equipped Company electronic end office switches. When provided via Company designated access tandem switches, FGB switching is provided at Company electronic and electro-mechanical end office switches.

B. FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The 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 switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

C. Uniform Access - Uniform Access is used for non-800 and non-900 access services FGB switching. The form of the code is 950-0XXX or 950-1XXX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for their international communications, if required. These uniform access will be the assigned access numbers of all non-800 and non-900 access FGB service provided to the customer by the Telephone Company. No access code is required for FGB switching to provide 800 and 900 access services where the Telephone numbers dialed by the customer's end user are in the form of 1+800+NXX+XXXX or 1+900+NXX+XXXX., respectively.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.1 Feature Group B (FGB), (cont'd.)

D. Terminating Access - FGB switching when used in the terminating direction, may be used to access valid NXXs in the LATA, time whether announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits).

1. When directly routed to an end office, only those valid NXX codes served by that end office may be accessed.

2. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

3. Call in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes local operator assistance (0- or 0+), directory assistance (411 where available and 555-1212), service codes (611 and 911 where available) or 10XXX or 101XXX access codes.

4. FGB may not be switched, in the terminating direction, to FGB and FGD.

5. The customer will also be billed additional non-access charges for calls to certain community information service for which rates are applicable under Company exchange service tariffs (e..g, 976 Dial-it Network Services).

6. Non-access charges will also be billed for calls from FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.1 Feature Group B (FGB), (cont'd.)

E. Signaling - the trunk side switch equipment is provided with wink start pulsing signals, and answer and disconnect supervisory signaling. FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with ANI or rotary dial station signaling arrangements as set forth in section 6.2.4A and 6.2.4B, 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 Company and will be subject to the ordinary transmission capabilities of the local transport provided.

F. Intercept Announcement - 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 th number dialed has been disconnected.

G. Transmission Specifications - FGB is provided with either Type B or Type C transmission specifications. The specifications for the associated parameter are guaranteed to the end office when routed directly or to the first point of switching routed via an access tandem..

1. Type C transmission specifications are provided with interface group 1

2. Type B is provided with interface groups 2, 6, 7 and 9

3. Type DB data transmission parameter are provided with FGB to the first point of switching.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.1 Feature Group B (FGB), (cont'd.)

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

I. Provisions of Other Services - The Interexchange Carrier will be provided with the routing of intraLATA calls to the Company for use of WAL service option, when a WAL service is provided in conjunction with FGB.

J. Common Switching Optional Features

1. Alternate Traffic Routing

2. Automatic Number Identification (ANI)

3. Hunt Group Arrangement for Use with WATS Access Line Service

4. Non-hunting Number for the Use with Hunt Group Arrangement

5. Uniform Call Distribution for Use with WATS Access Line Service

6. Uniform Call Distribution Arrangement for use with WATS Access Line Service

7. Up to 7 Digit Out- pulsing of Access Digits to Customer.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.1 Feature Group B (FGB), (cont'd.)

K. Transport Termination Optional Features

1. Rotary Dial Station Signaling

L. Local Transport Optional Features

1. Customer Specific Entry Receive Level

2. Customer Specification of Local Transport termination and Supervisory Signaling, as specified in Section 6.2.2, preceding.

M. WATS Access Line Service termination Optional Features

1. Answer Supervision

2. E&M Supervisory Signaling

Access Service 56

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD)

A. FGD Access, which is available to all customers, provides trunk side access to Company end office switches with an associated 10XXX or 101XXXX access code for non-800 database and non-900 access services traffic, for the customer's use in originating and terminating communications. To originate non-800 data base and non-900 intraLATA calls the 10XXX or 101XXXX access code must be dialed. FGD is provided at the Company designated end office switch(es) whether routed directly or through an access tandem switches. For FGD with the SS7 signaling option, the CCSA signaling connection is provided to Company designated STPs.

B. FGD is provided with trunk side switching through the use of end office or access tandem switch trunk equipment. The Company will establish a trunk group or groups for the customer at the end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangement may be combined in a single trunk group at the option of the Telephone Company.

C. Uniform Access - The uniform access code for FGD switching is in the form 10XXX or 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WAL service.

1. Where no access is required or available, the number dialed by the end user shall be a ten or eleven digit number for calls in the NANP. The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX or 0 or 1+NPA+NXX-XXXX.

Access Service 57

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

C. (cont'd.)

2. When the 10XXX or 101XXXX access code is used, FGD switching also provides for dialing the digit A0" 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 premises.

3. Calls originating over a WAL service by the end user's dialing 800 + NXX - XXXX, 900 + NXX - XXXX, 1 + 800 + NXX - XXXX or 1 + 900 + NXX - XXXX will be routed to the switched access service of the 800 or 900 service provider. Calls originating over a WAL service by the end user's dialing assigned NXXs, local operator assistance (0-), service codes (611 or 911), Directory Assistance (411 or 555-1212 or NPA+555-1212), 10XXX and 101XXXX access codes will not be completed. All other calls originating over a WAL service will be routed over the particular customer's FGD service used to provision the WAL service. These dialing provisions apply for WAL service not equipped with the option of, routing of IntraLATA calls over the Company for use with the WAL service.

D. Terminating Access - FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time and weather announcement services of the Telephone Company, community information service of an Information Provider and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXXs codes.

Access Service 58

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

D. (cont'd.)

1. 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 assessed.

2. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under the Company exchange service tariffs.

3. Non-access charges will also be billed for calls from the FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer.

4. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), service codes (611 and 911) and 10XXX or 101XXXX access codes. Calls will not be completed to directory assistance (411 and NPA+555-1212) unless the FGD switching is combined with directory assistance switching. FGD may not be switched in the terminating direction to FGB or FGD.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

E. Redirection of End User Dialed Calls - When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the customer's request and where facilities permit, the Company will, for a period of ninety (90) days, direct the calls dialed by the customer's end users using the customer's previous FGB code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls as well as calls dialed with the FGB access code which require the customer top receive additional address signaling from the end user. Such calls will be rates as FGD.

F. Signaling - The switch trunk is provided with wink-start pulsing signals and answer and disconnect supervisory signaling or without SS7signaling option is specified. FGD may be provided, at the customer's option, with multifrequency addressing or common channel signaling. With multifrequency address signaling, up to twelve digits of the called party number dialed by the customer's end user dual tone multifrequency or dial pulse address signals will be provided by Company equipment to the customer's premises where the switched access service terminates. Such address signals will be subject to the ordinary transmission capabilities of the local transport provided.

1. With common channel signaling, up to 12 digits of the called party number dialed by the customer's end user dual tone multifrequency or dial pulse address signals will be provided by the Company equipment to the customer's designated premises via a CCSA connection. The SS7 signaling option requires the customer to order CCSA links.

Access Service 60

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

G. Transmission Specifications - FGD is provided with either Type A, B, or Type C transmission specifications. When routed directly to the end office, either Type B or C is provided. When routed to an access tandem, only Type A is provided.

1. Types A and B are provided with interface groups 2, 6, 7 and 9. Type A is provided on the transmission path from the access tandem to the end office.

2. Type C is provided with interface group 1

3. Type DA data transmission parameters are provided for the transmission path between the premises and the access tandem and between the access tandem and the end office. Type DB data transmission parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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

Access Service 61

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

I. Common Switching Options

1. Alternate Traffic Routing (not available in designated electro-mechanical end offices).

2. Automatic Number Identification (ANI).

3. Band Advance Arrangement for Use with WAL service.

4. Carrier Identification Parameter

5. End Office End User Line Service Screening for Use with WAL Service.

6. Hunt Group Arrangement for Use with WAL Service

7. Multiple Trunk Routing

8. Non-Hunting Number for Use with Hunt Group Arrangement

9 . Routing of IntraLATA calls to the Company for Use with WAL service.

10. Service Class Routing

11. Uniform Call Distribution Arrangement for Use with WAL service

12. Uniform Call Distribution for Use with WAL service.

Access Service 62

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

J. Transport Termination Optional Features

1. Operator Trunk Assist Feature Arrangement

2. Operator trunk Full Feature Arrangement

K. Local Transport Optional Features

1 . Common Channel Signaling

2. Signaling System 7

3. Supervisory Signaling

L. WAL Service Termination

1. Answer Supervision

2. E&M Supervisory

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.2. Feature Group D (FGD), (cont'd.)

M. Other Optional Features

1. WAL Service 10XXX or 101XXXX Capability is available with either originating or terminating only or two-way WAL service not equipped with the optional Feature, end office end user line service.

a. Screening provides the capability for end users of such service to originate calls to FGD by dialing the appropriate 10XXX or 101XXXX access code. These calls will be routed to the switched access service customer so designated which provides FGD to the end office (WSO) form which WAL service is provided. When the 10XXX or 101XXXX is used, FGD switching also provides for the end-of-dialing (#) for cut through access to FGD customer's premises.

Access Service 64

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.3. 800 Data Base Access Service

A. 800 Data Base Access Service is a service offering utilizing trunk side switched access service. The service provides for the forwarding of end user dialed 800 calls to a Company service switching point which will initiate a query to the data base to preform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the dialed 800 number (i.e., 1-800-NXX-XXXX) or, if the 800 to POTS number translation feature is specified, a translated ten digit POTS number (i.e., NPA-NXX- XXXX) is delivered to the customer premises.

1. An 800 customer identification charge described in 6.4.4, applies to customer who obtain 800 access services.

B. No access code is required for 800 data base access service. When an 800+NXX-XXXX call is originated by an end user, the Company will preform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. The customer identification function will be available at suitably equipped end offices or access tandem switches. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem at which the function is available. Once the customer identification function has been established, the call will be routed to the customer. Calls originating from an end office switch not included in the customer's area of service for 800 data base will not be completed.

C. The provision of 800 data base service requires access to the 800 Service management system through the following action:

1. Direct access by the customer of other authorized party, to the 800 Service management system.

Access Service 65

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.3. 800 Data Base Access Service, (cont'd.)

D. The manner in which 800 data base access service is provisioned is dependent on the status of the end office from which the service is provided, and / or the status of the customer (i.e., MTS / WATS type provider). 800 data base access service may be provisioned at the customer's option as either FGB or FGD.

E. Unless prohibited by technical limitations (e.g., different dialing plans), the customer's 800 data base access service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-800 access service traffic for the same the end office and of the same feature group type. Combining 800 data base service traffic with the customer's direct routed switch access service arrangements will be allowed only when the end office is equipped to preform the customer identification function. When required by technical limitation, a separate trunk group must be established for 800 data base access service.

F. 800 Traffic carried over direct end office routed trunks is available only at end offices equipped with 800 access SSP functionality. 888 traffic carried over direct end office routed trunks is available only at end offices equipped with 888 access to SSP functionality. All such traffic originating from end offices not equipped with the appropriate SSP function must be routed via an access tandem at which the function is available and the 800 access service must be ordered accordingly. SSP locations are identified in the NECA Tariff No. 4

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.3 Description of Switched Access, (Cont'd.)

6.3.3. 800 Data Base Access Service, (cont'd.)

G. Optional Features

1. Alternate Routing Establishment allows the customer to create call processing logic for 800-NXX-XXXX dialed calls. In this manner the 800 data base access service can be customized to meet individual requirements. The feature may be used in combination with one or more routing options based upon customer specification and technical switch limitations.

   a) The customer may segment the 800 calls based in the following options to choose different terminating destinations and / or multiple carriers: [a] NPA / NXX or specific telephone number of the calling party, [b] time of day, [c] day of the week, [d] specific days of the year (e.g., December 25), and [e] percentage of traffic (in 1% increments).

   b) This feature, when based on NPA / NXX or specific telephone number of he calling party will be based on the ANI associated with the call. When based on the specific telephone number of the calling party, the availability of this feature is subject to the Telephone Company's ability of this feature to obtain full ten digit ANI of the calling party.

2. 800 to POTS Translation allows a customer to designate a ten digit POTS telephone number to be translation feature is ordered, the customer will be unable to determine that such calls originate as 800 calls unless the customer also orders the ANI optional feature.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Company

6.4.1 Transmission Specifications

A. The Company will, upon notification by the customer that the data parameters are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

B. Each switched access service transmission path is provided with standard transmission specifications (Types A, B, and C). There are three types of transmission specifications. The standard for a particular transmission path is dependent on the switched access service arrangement, the entrance facility, the interface group and whether the service is directly routed or via an access tandem. Data transmission parameters are also provided with each switched access transmission path.

6.4.2 Network Management

A. The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.2 Network Management, (cont'd.)

B. The 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 Company or customer facilities, natural disasters, mass calling or national security demands.

1. In the event that the protective controls applied by the Company result in the complete loss of service by the customer, the customer will be granted credit allowance for service interruption as set forth in section 2.11.

6.4.3. Design and Traffic Routing of Tandem Switched Trunks

A. For tandem switched access service which is ordered on a BHMC basis, the Company shall design and determine the selection of facilities from the serving wire center of the customer premises to the access tandem, and to the subtending end offices.

1. The Company shall also decide if the capacity is to be providing originating only, terminating only, or two-way trunk groups.

2. The Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.3. Design and Traffic Routing of Tandem Switched Trunks, (cont'd.)

B. Selection of facilities and equipment and traffic routing of the service are based in standard engineering methods, available facilities and equipment, and the Company traffic routing plans.

1. If the customer desires routing and directionality different from that determined by the Telephone Company, the Company will work cooperatively with the customer in determining whether the service is to be routed directly to an end office or through an access tandem and also in determining the directionality of the service.

C. For tandem switched access service which is ordered on a per trunk basis, the customer desired trunk directionality and / or traffic routing of the switched access switch are specified on the customer's order for service.

1. The Company will determine the optimal network configuration based on the capacity ordered.

2. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Company will work cooperatively with the customer in determining the routing directionality of the service before establishing a firm order.

D. Design Layout Report

At the request of the customer, the Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a design layout report. Design la
yout reports will also be provided for WAL 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.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.4 Provision of Performance Data

A. Subject to the availability, end to end service performance data available to the Company through its own service evaluation routines, may also be made available to the customer based on previously arranged interval and format.

1. 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).

2. These data do not include service performance data which are provided under other tariff sections, (e.g., testing service results).

3. If data is to be provided in other than paper format, the charges for such provisions will determined on an individual case basis.

6.4.5 Trunk Group Measurements Reports

Subject to availability, trunk group data in the form of usage in CCS, peg count and overflow, will be made available to the customer, based on previously agreed to intervals. Regulations pertaining to this report are also contained in Section 6.5.2, following.

6.4.6 Determination of Number of End Office Transport Terminations

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

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.7 Design Blocking Probability

The Company will monitor the facilities used in the provision of switched access service to meet the following blocking criteria.

A. For FGB, the design blocking objective will be no greater that one percent between the point of termination at the customer's premises and the first point of switching when the traffic is directly routed without an alternate route. Standard traffic engineering methods will used by the Company to determine the number of transmission paths required to achieve this level of blocking. In the event, of 900 access service media simulated calling, the design blocking objective of not greater than one percent cannot be guaranteed.

B. For FGD, the design blocking objective will be no greater than one percent between the point of termination at the customer's premises and the end office switch, whether the is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in SR-EOP-000191, trunk traffic engineering concepts and applications will be used by the Company to determine the number if transmission paths required to achieve this level of blocking.

1. In the event of 900 Access service media stimulated calling, the design blocking objective of no greater than one percent cannot be guaranteed.

2. All service configurations will conform to the blocking objectives in this tariff except where the Company facility conditions cannot support the blocking objectives contained in this tariff; in such cases, blocking objectives that can be supported will be uniformly applied to all customers.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.7 Design Blocking Probability, (cont'd.)

C. The Company will preform routine measurement functions for the capacity ordered, whether ordered in lines, trunks or BHMCs, in accordance with Company design blocking criteria, to assure that an adequate number of transmission paths are in service. The Company will recommend that additional capacity (i.e., BHMC, lines or trunks), be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level.

D. Excessive Trunk Group Blocking

For FGD capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking dies not exceed the thresholds. Excessive trunk group blocking occurs when the blocking thresholds are exceeded. The customer will be notified by the Company to increase its capacity (BHMC or quantities of trunks) when excessive trunk group occurs on groups carrying FGD traffic. If the order for sufficient additional capacity to handle the customer's traffic has not been received by the Company within fifteen days of the notification, the Company will bill the customer for each overflow in the excess of the following chargeable thresholds.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.7 Design Blocking Probability, (cont'd.)

D. (cont'd.)

1. Chargeable Thresholds for Trunk Group Specified in Exhibit 6.4.7-1

a) Trunk Group Size 1-2 Allowable Overflows, per trunk, per month 18
b) Trunk Group Size 3-4 Allowable Overflows, per trunk, per month 19
c) Trunk Group Size 5-6 Allowable Overflows, per trunk, per month 13
d) Trunk Group Size 7-40 Allowable Overflows, per trunk, per month 10
e) Trunk Group Size 41-139 Allowable Overflows, per trunk, per month 09
f) Trunk Group Size 140-500 Allowable Overflows, per trunk, per month 08
g) Trunk Group Size 501 + Allowable Overflows, per trunk, per month 07

2. Chargeable Thresholds for trunk Groups, Specified in Exhibit 6.4.7.-2

a) Trunk Group Size 1-4 Allowable Overflows, per trunk, per month 10
b) Trunk Group Size 5-6 Allowable Overflows, per trunk, per month 08
c) Trunk Group Size 7-125 Allowable Overflows, per trunk, per month 06
d) Trunk Group Size 126+ Allowable Overflows, per trunk, per month 05

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.7 Design Blocking Probability, (cont'd.)

EXHIBIT 6.4.7 -1
Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group

For transmission paths carrying only first routed traffic direct between an end office and a customer's premises without an alternate route, and paths carrying only overflow traffic, the measured blocking thresholds are as follows.

Number of Transmission Paths Per trunk Group	15-20 Meas.	11-14 Meas.	7-10 Meas.	3-6 Meas.
2	0.070	0.080	0.090	0.140
3	0.050	0.060	0.070	0.090
4	0.050	0.060	0.070	0.080
5-6	0.040	0.050	0.060	0.070
7 or more	0.040	0.035	0.040	0.060

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.7 Design Blocking Probability, (cont'd.)

EXHIBIT 6.4.7 -2
Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group

For transmission paths carrying only first routed traffic direct between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows.

Number of Transmission Paths Per trunk Group	15-20 Meas.	11-14 Meas.	7-10 Meas.	3-6 Meas.
2	0.045	0.055	0.060	0.095
3	0.035	0.040	0.045	0.060
4	0.035	0.040	0.045	0.055
5-6	0.025	0.035	0.040	0.045
7 or more	0.020	0.025	0.030	0.040

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.8 Measuring Access Minutes

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

B. Feature Group B Usage Measurement

1. For non-800 or non-900 originating calls over FGB, usage measurements begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating he customer's equipment has answered.

2. The measurement of originating non-800 or non-900 call usage over FGB ends when the originating FGB entry switch received 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 which ever is recognized first by the entry switch.

3. For originating 800 or 900 calls over FGB, usage measurement begins when the originating FGB switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.8 Measuring Access Minutes

B. Feature Group B Usage Measurement, (cont'd.)

4. The measurement of originating 800 or 900 service 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 first point of termination, whichever is recognized first by the entry switch.

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

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

7. When any or all the usage over an unmeasured FGB trunk originates from or terminates to a WAL service and the total FGB recorded at the WSO exceeds the assumed usage(s) set forth preceding, the recorded usage will be billed to the customer in lieu of the assumed usage.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.8 Measuring Access Minutes

C. Feature Group D Usage Measurement

For originating calls over FGD, except calls utilizing SS7 signaling option, usage measurement begins when the originating FGD entry switch receives the first wink start 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, which ever is recognized first by the entry switch.

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

2. The measurement of terminating calls 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.

3. For calls originating FGD with the SS7 signaling option, usage measurement for direct trunks begins when the FGD entry switch sends an initial address message. Usage measurement for tandem trunks begins when the FGD entry switch receives an exit message.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.9 Determining Mileage Measurement

A. The mileage to be used to determine the tandem switched local transport facility or direct trunked transport channel mileage monthly rate is calculated on the airline distance between the end office switch where the call carried by the local transport originates and terminates and the customer's serving wire center, except as forth in the following exceptions or in Section 6.2.2. The V&H coordinates method is used to determine mileage. This method is set forth in Section 2.10.2.

1. The tandem switched local transport facility mileage rate is shown in terms of per mile pre access minute. The rate billed is determined by first computing the 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; then the mileage is multiplied by the appropriate local transport facility rate.

2. The direct trunked transport channel mileage rate is shown in terms of fixed and per mile per month. To determine the rate to be billed, first compute the mileage using the V& H coordinates method. If the calculation results in a fraction of a mile, always round up to the next mile before determining the mileage, then multiply the mileage by the appropriate channel mileage per mile rate. The amount to be billed shall be the product of this calculation plus the appropriate fixed channel mileage rate.

3. When hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., serving wire center of customer premises to a hub, hub to end office and / or hub to hub.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.9 Determining Mileage Measurement

A. (cont'd.)

4. Mileage measurement for the CCSA STP Link Transport will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Company STP.

B. Excepts to Mileage Measurement Rules

1. When the alternate traffic routing optional feature is provided with FGB and FGD to provide service from an end office to different customer premises locations, local transport access minutes will apportioned between two transmission routes used to provide this feature. For FGB and for FGD which is routed via an access tandem, such apportionment will be made using standard Company traffic engineering methodology, as set forth in SR-EOP-000191, trunk traffic engineering concepts and application and will be based in the last trunk CCS desired for the high usage groups, as specified in Section 6.4.2, preceding, and the relative capacity ordered to the end office, when the feature group is provided at an access tandem switch. For FGD which is directly routed, the apportionment will be based in the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the local transport facility mileage or channel mileage calculation. The customer will be billed based on this apportionment.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.4 Responsibility of the Telephone Company, (Cont'd.)

6.4.9 Determining Mileage Measurement

B. (cont'd.)

2. When the direct trunked transport or tandem switched transport is provided to a host office, local transport facility mileage for access minutes originating from or terminating at a remote switching system or remote switching module will be calculated on an airline basis between the host office and the NXX location as shown in the NECA Tariff FCC No. 4.

3. When terminating FGB is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total local transport access minutes for that end office will be apportioned among the trunk groups accessing the end office in the basis of individual capacity, (i.e., busy hour minutes or trunks ordered for each of those trunk groups). The apportionment will serve as the basis for local transport facility mileage or channel mileage calculation. The customer will be billed on this apportionment.

4. When direct trunked transport is ordered to an access tandem, the channel mileage measurement will be calculated on an airline basis using the V & H coordinates method, from the access tandem to the end office.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.5 Obligations of the Customer

6.5.1. Facility Requirements

A. When ordering switched access service, the customer must, at a minimum, specify the local transport entrance facility, either existing or new, to be used and whether direct trunked transport or tandem switched transport is to be furnished. When direct trunked transport is to be furnished, the customer must also specify the direct trunked transport to be used, either existing or new.

6.5.2. Report Requirements

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

1. Jurisdictional Reports - When a customer orders switched access service for both interstate and intrastate use, the customer is responsible for providing Jurisdictional Reports, from which charges will be apportioned.

2. Code Screening Reports - When a customer orders service class routing, the report must indicate 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.

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. This data will be used to monitor trunk group utilization and service performance and will be based in previously arranged intervals and format. Regulations pertaining to this report are also contained in Section 6.4.5, preceding.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.5 Obligations of the Customer

6.5.3. Supervisory Signals

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

6.5.4. Design of Switched Access Services

A. When a customer orders switched access service on a per line basis, the customer shall take reasonable steps to assure that sufficient access services have been ordered to handle traffic.

6.5.5. Determination of Number of Transmission Paths

A. For FGB and FGD when ordered on a per line or pre trunk basis the customer must specify the number of transmission paths in the order for service.

1. A transmission path is a communications path with the frequency bandwidth of approximately 300 to 3000 Hertz or a derived communications path of frequency bandwidth of approximately 300 to 3000 Hertz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Company location.

2. The number of transmission paths will be developed using the total BHMC by traffic type (as described in Section 6.1.4., preceding) for the end offices for each feature group ordered from a customer's premises. The total BHMC by type for the feature group end office will be converted to transmission paths using standard Company traffic engineering methods. The number of transmission paths provided shall be the number required based in the use of access tandem switches and end office switches, or the use of end office switches only, or the use of tandem switches only.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

This section contains the specific regulations governing the rates and charges specified in 6.7 following that apply for Switched Access Service.

6.6.1 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 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 on a per access minute or per call basis. Access usage charges are accumulated over a monthly period.

C. Nonrecurring Charges

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

Certain nonrecurring charges applicable to the installation of access service consist of a "first" and "additional" charge. For each facility, line, or trunk ordered, the first charge applies to the first facility, line, or trunk specified on the order, with the additional charge applied to each additional facility, line, or trunk specified on the same order between same locations.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (Cont'd.)

1. Installation of Service

Nonrecurring charges apply when Common Channel Signaling Access Service is installed for use with Trunkside BSA-101XXXX Option or Feature Group 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 6.6.7 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 data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number and Change of jurisdiction.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (Cont'd.)

2. Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

If the change involves the addition of an optional feature of BSE which has a separate nonrecurring charge, that recurring charge will apply.

A charge as specified following will apply on each transmission path reconfigured from:

- SS7 signaling to MF signaling
- 64CCC to SS7 signaling
- 64CCC to MF signaling

When out of band signaling or 64CCC is ordered, the customer may add Calling Party Number (CPN), Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time out of band signaling or 64CCC is ordered for existing switched access trunks.

For the Dedicated Network Access Line BSA, the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring change charge will apply. Only one such charge will apply per service per change.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (Cont'd.)

2. Service Rearrangements (Cont'd)

Rearrangement charges apply on a per termination basis for the following service rearrangements:

(a) rearranging an existing subtending service from one port to another in the same multiplexing arrangement;

(b) rearranging an existing subtending service from one multiplexing arrangement to another like multiplexing arrangement in the same wire center; and

(c) rearranging an existing service into a high capacity service multiplexing arrangement in the same wire center.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (Cont'd.)

2. Service Rearrangements (Cont'd)

When services are rearranged as described above, the "Additional" rate element for the Rearrangement Charges may apply to all such rearranged services beyond the first without regard to their end-point locations, so long as they are all of the same service type, have the same date due, and are all being rearranged to the same multiplexer as the service which is incurring the associated "First" Rearrangement Charge.

3. Connection Charge

The Switched Access Connection Charge recovers the costs of connecting the trunks/line to the switch. These charges are in addition to any facility charges and are to be applied on a per line/per trunk basis.

4. Service Order Charge

The Service Order Charge applies to every order issued and is in addition to all other applicable non-recurring charges.

5. In addition, the facility non-recurring charge will not apply for changing facility capacity or facility interface (i.e., changes from or to Voice Grade, DS1 or DS3 facilities). No facility non-recurring charge will apply for adding new facilities as well as rearranging trunks on existing facilities in order to increase utilization or fill.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

D. Switched Transport Rate Elements

1. Entrance Facility

The Entrance Facility monthly rate provides for the communication path between a customer's premises and the SWC of that premises and is assessed based on the capacity of the facilities provided (e.g., Voice Grade, DS1, or DS3). When Lineside Switched Access service is ordered, the Voice Grade Entrance Facility rate is assessed for each Lineside service requested unless the customer requests an Entrance Facility of higher capacity. The Entrance Facility rate is assessed when the customer premises and the SWC are in the same building. The Entrance Facility rate is in addition to the rates assessed for Direct Trunked Transport and Tandem Switched Transport.

2. Direct Trunked Transport

The Direct Trunked Transport monthly rate provides for the transmission facilities between the SWC of the customer's facilities to the end office based on the capacity of the facility requested, i.e. Voice Grade, DS1, or DS3. When Lineside Switched Access service is ordered, the Voice Grade Direct Trunked Transport rate is assessed for each Lineside service requested unless the customer requests a Direct Trunked Transport facility of higher capacity. There are two rates that apply, a fixed rate and a rate per mile. The Direct Trunked Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in 6.6.10 following.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

D. Switched Transport Rate Elements (Cont'd.) **(C)**

3. Tandem Transport Charge

The Tandem Transport Charge is assessed on a per minute of use basis. There are two rates that apply, a fixed rate and a rate per mile/per minute. The Tandem Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in 6.6.10 following.

4. Tandem Switching

The Tandem Switching rate is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use utilizing an access tandem via Tandem Switched Trunk. The Tandem Switching rate is in addition to the Tandem Transmission rate and the rates associated with the Entrance Facility.

5. Interconnection Charge

The Interconnection Charge is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use.

6. Where Switched Access Service is used to carry traffic originated from a TRS Center, Switched Transport rates apply. Local Switching rates do not apply.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

D. Switched Transport Rate Elements (Cont'd)

7. The following rate elements apply for FGA provided with a voice grade interface

Recurring Rate Elements
- Entrance Facility - 2 wire or 4 wire
- Direct Trunked Transport, fixed and per mile, measured from the SWC to the DTO.

Terminating Usage Rate Elements
- Tandem fixed MOU and per mile MOU rates apply from the DTO to the End Office where the call terminates.
- Local Switching MOU.
- The Interconnection rate applies also to all Local Switching MOU.

Originating Usage Rate Elements
- Local Switching MOU
- The IC rate applies to all Local Switching MOU.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.1 Description and Application of Rates and Charges (Cont'd.)

D. Switched Transport Rate Elements (Cont'd)

8. The following rate elements apply for FGA provided with a digital interface

Recurring Rate Elements
- Entrance Facility - DS1
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Multiplexer

Originating and Terminating Usage
- Local Switching MOU
- The Interconnection rate applies also to all Local Switching MOUs

If the facility terminates at a remote switch, tandem fixed and per mile per MOU may also apply. See 6.6.12.

9. Multiplexing

No multiplexing charge will apply if an individual circuit carrying trunks is at a DS1 level (Entrance Facilities and Direct Trunked Transport) and terminating at a specific switch.

10. Rate Application (C)

The terminating Tandem-Switched Transport rate schedules are bifurcated into "Standard" and "Affil PCL" rates. The Affil PCL terminating Tandem-Switched Transport rates apply to terminating traffic traversing a Company tandem switch when the terminating carrier is a Company-affiliated price cap carrier. All other terminating Tandem-Switched Transport traffic is subject to the (C)

Standard terminating Tandem-Switched Transport rates.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.2 Minimum Periods

The minimum service period for Switched Transport entrance facilities and direct trunked transport are as follows:

DS1: 2 months
DS3: 12 months

All other Switched Access Service is provided for a minimum period of one month. When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Term Payment Plan without assessment of the minimum service charge.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.3 Switch Access Service for Resale of WATS-Type and WATS Services

When the customer orders combined access as set forth in 3.3 preceding, subject to the limitations as set forth in 3.2 preceding, and the Telephone Company receives the information furnished as set forth 3.4(F) preceding, the following regulations apply.

A. As set forth in 3.4(F) preceding, the customer shall supply specific documentation in connection with the provision of combined access. Such documentation shall be supplied each month and shall identify the involved resold WATS and/or WATS-type services. The monthly period used to determine the minutes of use per resold WATS and/or WATS-type services shall be the most recent month period for which the customer has received a bill for such resold WATS and/or WATS-type service. The customer furnished information shall show the bill date for the resold WATS and/or WATS Type Services. The customer shall also specify the number of resold WATS and/or WATS-type services to be associated with each combined access group. If this number is not reported, the Telephone Company will assume that all identified resold WATS and/or WATS-type services are to be associated with the line side combined access group. This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold WATS and/or WATS-type service bill. If the required documentation is not received by the Telephone Company the previously reported information as described in 3.4(F) preceding or assumed information as described in 3.7(1)(c) preceding will be used for the next two months. For any subsequent month no allocation or credit will be made until the required documentation is delivered to the Telephone Company by the customer. The rate treatment set forth in 6.6.3 following will not apply in these cases.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

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

B. Combined Access Groups

When combined access groups are provided in a LATA where all end offices have been converted to equal access, the following regulations apply:

1. Each line side Switched Access Service provided as set forth in 3.7(2) (b) preceding will be billed at local business exchange service rates as set forth in (4) following.

2. Switched Access Service rates will apply for the line side and trunk side combined access groups as follows.

3. For line side Switched Access Service provided in a combined access group, the minutes billed will be all the terminating intrastate access minutes and the adjusted originating intrastate access minutes for such combined groups. The adjusted originating minutes will be the originating intrastate access minutes less a prorated portion of the resold WATS and/or WATS-type service minutes of use. The Telephone Company will determine the minutes of use prorate for each combined access group based on the number of lines and/or trunks provided in all combined access groups in the LATA.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

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

B. (Cont'd)

3. (Cont'd)

For trunk side Switched Access Service provided in a combined access group, the minutes billed will be all the terminating and originating intrastate access minutes for such combined groups.

The rates that apply for the line side Switched Access Service and/or the trunk side Switched Access Service access minutes will be the Switched Access Service rates as set forth in 6.9 following.

4. For each Switched Access Service provided as set forth in (1)(a), (2)(a) and/or (3)(a) preceding, local business exchange service rates as set forth in 6.9.4 shall apply. The exchange involved shall be the exchange in which the service is provided.

The number of line side Switched Access Services billed at rates as set forth in 6.9.4 following shall not exceed the number of line side connections provided in line side combined access groups in service in a LATA.

The local business exchange service rates to be charged for a line side Switched Access Service where the local business exchange service is measured service, will be based on the average terminating access minutes per line for the combined access group involved. The number of minutes will be the average minutes per line times the number of lines rated at local business exchange service rates.

The local business exchange service usage charge applied to such minutes will be the generally applicable local business exchange service measured rate for the exchange involved.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

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

B. (Cont'd)

4. (Cont'd.)

No local measured service minutes are billed for a combined access group provided in an end office converted to equal access because all the terminating access minutes are billed as Switched Access Service access minutes.

5. The adjustments set forth in (1), (2) and (3) preceding will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage data is obtained.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

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

B. (Cont'd)

6. When resold WATS and/or WATS-type service usage is shown in hours, the number of hours shall be multiplied by 60 to develop the resold WATS and/or WATS-type service minutes of use. If the resold WATS and/or WATS-type service usage is shown in a unit other than hours or minutes, the customer shall provide a factor to convert that unit to minutes.

7. The originating intrastate access minutes for Switched Access Service, adjusted as set forth in (2) or (3) preceding, or any other section of this tariff, that are billed to a customer in a monthly period shall not be less than zero.

C. When Combined Access is provided, the Telephone Company may request WATS or WATS-type service usage for which the customer was billed. For WATS service, the usage may be requested from either the customer or the provider of the WATS service. For WATS-type service, the usage will be requested from the customer. The requests for this information will relate back no more than 12 months prior to the current billing period.

D. When the customer orders Switched Access Service associated with the resale of Private Line Service which is provided with the use of Special Access Service, the regulations set forth in 3.3(C) preceding and 7.4.2 following shall apply.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.4 Change of Feature Group or BSA Type

Changes from one type of Feature Group to another Type, or from one type of BSA to another Type of BSA, will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service, or upgrades a Lineside BSA, Trunkside BSA-950 Option to a Trunkside BSA-101XXXX Option the nonrecurring charges will not apply if the following conditions are met:

A. The same customer premises must be maintained on the order for the FGB trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists, and

B. The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and the customer requests the FGA or FGB service be disconnected no more than 90 days after the start of FGD services.

C. Subject to the availability of appropriate Telephone Company central office switching equipment and other facilities, customers may upgrade from one-way FGB trunks to two-way FGD trunks and not be subject to charge as long as the number of two-way FGD trunks does not exceed the number of one-way FGB trunks disconnected, i.e., a one-for-one substitution of one-way trunks for two-way trunks. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities are available. Conversion of one-way FGB trunks to two-way FGD trunks will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.4 Change of Feature Group or BSA Type

D. Subject to the availability of appropriate Company central office switching equipment and facilities, customers may upgrade from Trunkside BSA-950 Option or FGB trunks with MF signaling to Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC and not be subject to charge as long as the customer requests SS7 signaling or 64CCC on their new order for Trunkside BSA-101XXXX Option or FGD trunks. Out of band signaling connections provided under Common Channel Signaling Access Service must be established as specified preceding. The number of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC can not exceed the number of Trunkside BSA-950 Option or FGB trunks with MF signaling that are disconnected, i.e., a one-for-one substitution of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC for Trunkside BSA-950 Option or FGB trunks with MF signaling.

The Telephone Company reserves the right to determine if Trunkside BSA-950 Option or FGB may be upgraded to Trunkside BSA-101XXXX Option or FGD and converted to out of band signaling at the same time. If necessary, the Telephone Company will treat such requests as two separate projects and charges will be waived as specified above and in section 6.1.3 preceding.

When a customer upgrades a Feature Group A or B 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.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.4 Change of Feature Group or BSA Type

E. Conversion of Existing Feature Groups to Basic Service Arrangements

Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents. However, during the transition period as set forth in Section 6.1 preceding, conversions from a BSA to its equivalent Feature Group will be treated as a discontinuance of one type of service and a start of another (nonrecurring charges will apply).

When a customer converts an existing Feature Group to its unbundled BSA equivalent, minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the BSA. For changes from a BSA to a Feature Group during the transition period as noted above, new minimum period obligations will be established.

When the initial order for Trunkside BSA-950 Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that LATA, to the Trunkside BSA-950 Option rate structure for the CIC associated with that order.

When the initial order for Trunkside BSA-MTS/WATS Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGC services, in that LATA, to the Trunkside BSA-MTS/WATS Option rate structure for the CIC associated with that order.

When the initial order for Trunkside BSA-101XXXX Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGD services, in that LATA, to the Trunkside BSA-101XXXX Option rate structure for the CIC associated with that order.

Orders for Lineside BSA will not cause conversion of FGA services within the LATA where the Lineside BSA is ordered. However, Lineside BSA and FGA services cannot be combined in the same Hunting Service Arrangement. All orders or customer requests to convert existing Feature Group services to their ONA equivalents must be received by the Company.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.4 Change of Feature Group or BSA Type

E. Conversion of Existing Feature Groups to Basic Service Arrangements, (Cont'd)

If a customer does not submit an order causing conversion of existing Feature Group services, or request that the Telephone Company convert existing Feature Group services, or request that the Telephone Company convert existing Feature Group services to their ONA equivalents, then those Feature Group services which have not been converted will be converted to their ONA equivalents. Any optional feature provisioned with a Feature Group service which has a corresponding BSE will be charged the BSE rate, and any option which does not have a corresponding BSE will remain as an optional feature.

6.6.5 Moves

A move involves a change in the physical location of the customers premises.

Moves to a Different Building

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

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes

Customer traffic to end office 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 usage rated Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-MTS/WATS Option to WATS Toll Free Data Base Access Service, Trunkside BSA-101XXXX, FGA and FGB, and FGD, and for originating calls over usage rated MTS/WATS-type Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, FGA and FGB and FGD, the measured access minutes are the chargeable access minutes. For originating calls over usage rated FX/ONAL Lineside BSA, Trunkside BSA-MTS/WATS Option, and FGA, 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 in (A) and (C) following for FX/ONAL Lineside BSA, Trunkside BSA-MTS/WATS Option, and FGA respectively) from the appropriate recording data.

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, WATS Toll Free Data Base Access Service, 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 nonconversation 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 nonconversation time associated with both completed and uncompleted 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 uncompleted 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 Nonconversation Time per-attempt ratio equals Total NCTA.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 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) Total Attempts ' $\frac{1.000(\text{M. Mes.})}{.7\ (\text{CR})}$ ' 1,333.33

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

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

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

Usage rated Lineside BSA and FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. Usage rated Trunkside BSA-950 Option, Trunkside BSA-MTS/WATS Option, Trunkside BSA-101XXXX Option, FGB, and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes, (cont'd.)

Assumed minutes are used for FX/ONAL Lineside BSA and FGA services which originate or terminate in end offices not equipped with measurement capabilities. The assumed average access minutes where measurement capability is not available are as set forth in 3.7(C) preceding.

(A) Lineside BSA and Feature Group A Usage Measurement

For originating calls over Lineside BSA or FGA, usage measurement begins when the originating Lineside BSA or FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (Where Lineside BSA or FGA is used for MTS/WATS-type services, this off-hook signal is generally provided by the customer's equipment. Where Lineside BSA or FGA is used for FX/ONAL services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.)

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

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

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes, (cont'd.)

(B) Trunkside BSA-950 Option and Feature Group B Usage Measurement

For originating calls over Trunkside BSA-950 Option or FGB, usage measurement begins when the originating Trunkside BSA-950 Option or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over Trunkside BSA-950 Option or FGB ends when the originating Trunkside BSA-950 Option or FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Trunkside BSA-950 Option or FGB, usage measurement begins when the terminating Trunkside BSA-950 Option or FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over Trunkside BSA-950 Option or FGB ends when the terminating Trunkside BSA-950 Option or FGB entry switch receives disconnect supervision from either the terminating end user's end office indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes, (cont'd.)

(C) Trunkside BSA-MTS/WATS Option and Feature Group C Usage Measurement

For originating calls over Trunkside BAS-MTS/WATS Option, usage measurement begins when the originating Trunkside BSA-MTS/WATS Option 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 Trunkside BSA-MTS/WATS Option ends when the originating Trunkside BSA-MTS/WATS Option entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Trunkside BSA-MTS/WATS Option to services other than WATS Toll Free, 900 or Directory Assistance, terminating Trunkside BSA-MTS/WATS Option usage is not directly measured at the terminating entry switch, but is imputed from originating usage, excluding usage from calls to Toll Free, 900 or Directory Assistance Services.

For terminating calls over Trunkside BSA-MTS/WATS Option to WATS Toll Free Service, usage measurement begins when the terminating Trunkside BSA-MTS/WATS Option entry switch receives answer supervision from the terminating end user's end office, indicating the terminating WATS Toll Free Service end user has answered.

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

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes, (cont'd.)

D. Trunkside BSA-101XXXX Option and Feature Group D Usage Measurement

For originating calls over Trunkside BSA-101XXXX Option or FGD with multifrequency address signaling, usage measurement begins when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over Trunkside BSA-101XXXX Option or FGD with out of band signaling, usage measurement begins when the last point of switching sends the initial address message to the customer.

The measurement of originating call usage over Trunkside BSA- 101XXXX Option or FGD ends when the originating Trunkside BSA- 101XXXX Option or FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating Trunkside BSA-101XXXX Option or calls over FGD, the measurement of access minutes begins when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over Trunkside BSA- 101XXXX Option or FGD ends when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For purposes of assessing the Operator Transfer Service charge as specified in 6.1.3(C)(5) preceding and 6.9.10 following, a call is considered transferred when the Telephone Company operator activates the switch transferring the call to the designated customer.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.6 Measuring Access Minutes, (cont'd.)

E. WATS Toll Free Data Base Access Service Usage Measurement

Usage measurement from non equal access and equal access end offices without the customer identification function begins when the end office switch receives answer supervision from the customer's point of termination, except Trunkside BSA-MTS/WATS Option. The usage measurement ends when the originating end office receives on hook supervision from the customer's point of termination except for Trunkside BSA-MTS/WATS Option.

Usage measurement from equal access end offices with the customer identification function begins when the end office switch receives the first wink supervisory signal forwarded from the customer's point of termination. The usage measurement ends when the originating end office receives disconnect supervision from either the originating end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the end office.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.7 Application of Rates for Extension Service

Lineside BSA and FGA Switched Access Service and Trunkside BSA-MTS/WATS Option, Trunkside BSA-101XXXX Option, and FGD WATS Access Lines are available with extensions, i.e., additional terminations of the service at different building(s) in a different LATA. Lineside BSA and FGA extensions within the LATA are provided and charged for under the Channel Services Tariff. Lineside BSA and FGA extensions in different LATAs and Trunkside BSA-MTS/WATS Option, Trunkside BSA-101XXXX Option, and FGD WATS Access Line extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are; a Voice Grade Channel Termination, Channel Mileage if applicable, and Signaling Capability if applicable. All appropriate monthly rates and nonrecurring charges specified in 7.5.3 following will apply.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.8 Message Unit Credit

Calls from end users to the seven-digit local telephone numbers associated with Lineside BSA and Feature Group A Switched Access Service or Arrangement No. 1, are subject to Telephone Company local tariff charges (including message unit and long distance charges as applicable). The monthly bills rendered to customers for their Lineside BSA and Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's Local Exchange Services Tariff. When the customer is provided monthly rated Lineside BSA and FGA MTS/WATS-type service for use in both the originating and terminating directions, the credit will apply to access minutes not to exceed 4500. When the customer is provided monthly rated originating only Lineside BSA and FGA MTS/WATS-type service, the credit will apply to access minutes not to exceed 9000. No credit will apply for any terminating Lineside BSA and FGA access minutes. No message unit credit will be given when local business exchange rates apply as set forth in 6.6.3 preceding. The message unit credit for originating access minutes is as set forth in 6.9.6 following.

6.6.9 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.9 following. In addition, the charges per call as specified under the Telephone Company's Local Exchange Services Tariff, e.g., 976 Network Services, will also apply.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.10 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (F) following. The mileage to be used to determine the monthly rate for the Dedicated Network Access Link (DNAL) BSA Channel Mileage is calculated on the airline distance between the Telephone Company switch or central office where the corresponding BSE (e.g., Message Services Interface and Make Busy Arrangements) capability exists and the serving wire center associated with the customer's designated premises. Flat-rated services have a specific charge for transport that is not mileage sensitive (See 6.9.2 following). Where applicable, the V&H coordinates method is used to determine mileage.

To determine the rate to be billed, first determine the mileage using the V&H coordinates method, as set forth in the Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

Exceptions to the mileage measurement rules are as follows:

A. Mileage for Lineside BSA and Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Lineside BSA and Feature Group A switching dial tone is provided. Mileage is then measured from the DTO to the end office where the call is terminated. This mileage measurement is usage sensitive.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.10 Mileage Measurement, (Cont'd)

B. Switched transport mileage for Toll Free Data Base Access Service is based on the airline distance between the end office switch where the WATS Toll Free Data Base Access Service traffic originates and the customer's serving wire center.

C. Mileage measurement for CCSAS will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP.

D. Tandem Transport mileage is measured from the customer's SWC to the end office, unless the customer has ordered Direct Trunked transport to the tandem. The DTT mileage will be measured from the SWC to the tandem and the tandem or common mileage will be measured from the tandem to the end office. The tandem or common mileage is usage sensitive. The DTT is rated monthly.

E. Mileage measurement to a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the end office that serves as the host switch for the RSS and the customer's SWC for the Switched Access provided. This mileage is usage sensitive.

F. A serving wire center associated with a customer's designated premises used as a mileage measuring point may be either the wire center from which the customer would normally obtain dial tone or an alternate serving wire center as described in 6.4.3(B.) preceding.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.11 Shared Use High Capacity Services

Shared use occurs when Special Access service and Switched Access Service are provided over the same High Capacity service through a common interface. The facility will be ordered, provisioned and rated at Switched Access (i.e., Entrance Facility, Direct Trunked Transport, as appropriate and Multiplexing, as appropriate) between the customer designated facilities and the Telephone Company SWC or Hub. When the customer chooses to use a portion of the available capacity for providing Special Access Service, then as each circuit is activated for Special Access Service, the Switched Access High Capacity Entrance Facility, Direct Trunked Transport, and multiplexer rates will be adjusted accordingly (e.g., for a VG capacity Special Access 1/24th of a DS1 service, 1/672nd of a DS3 service, etc.). Special Access Service rates and charges, as set forth in 7.5 following, will apply for each circuit of the shared use facility that is used to provide a Special Access Service when the original service is ordered as Switched Access.

The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Switched Access Services. Switched Access Service rates and charges as set forth in 6.9 following, will apply for each circuit of the Shared Use Facility that is used to provide a Switched Access Service when the base service is ordered as Switched Access. The spare channels will be assigned to either Switched Access or Special Access for rating purposes depending on how the customer ordered the service: i.e., Switched Access or Special Access respectively.

The customer must place an order for each individual Switched or Special Access Service using the Shared Use Facilities and specify the circuit assignment for each service.

When Switched Access Service Direct Trunked Transport is provided using a circuit of the Shared Use Facility to a Hub, High Capacity rates and charges will apply for the facility from the customer designated premises to the Hub and individual service rates and charges will apply from the Hub to the Access Tandem or End Office. The rates and charges that will apply to the portion from the Hub to the Access Tandem of End Office will be dependent on the specific type of Switched Access Service that is provided (i.e. , Voice Grade, or DS1). The rates and charges that will apply to the portion from the customer designated facilities to the Hub will be prorated based on the capacity of the Shared Use facility to the Hub. The applicable rates and charges will include Entrance Facility and Direct Trunked Transport rates and charges, if applicable, and multiplexing, if applicable. Rates and charges for optional features and functions associated with the service,

if any, will apply for the appropriate circuit type.

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SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.11 Shared Use High Capacity Services

Should the customer displace the entire capacity of the Switched Transport Service with Special Access Service, the Switched Transport Service will, for billing purposes, be considered disconnected [Any future capacity due to a customer's disconnect of Switched Access Service will be considered Telephone Company inventory]. Should the customer subsequently order Switched Transport Service, this will be treated as a new order and full rates and charges for the Switched Access Service type ordered will apply.

6.6.12 Host/Remote

Direct Trunk Transport (DTT) may be ordered to a host switch. DTT rates will apply to the host switch. For service to a remote switch, tandem fixed and per mile/per MOU rates will apply between the host and remote switches. No tandem switching will apply.

Tandem transport may also be ordered to a host switch. The transport will be measured as tandem fixed and per mile/per MOU from the tandem to the host. Tandem switching will apply. For service to a remote switch, a tandem fixed and per mile/per MOU charge will also apply from the host to the remote switch subtending the host.

FGA terminating service will be measured from the Dial Tone Office to the host and the tandem fixed and per mile/per MOU charge will apply. If the call is made to the remote, another tandem fixed and per mile/per MOU charge will apply from the host to the remote subtending the host. Tandem switching will not apply.

A nonrecurring Remote Translation charge will apply for those customer requests which require a unique routing arrangement. This charge will apply per Remote Trunk Group, per occurrence.

Requests for service at remote offices will be accepted where the necessary space and technical capabilities exist.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.13 Shared Network Arrangement

Each customer entering into a Shared Network Arrangement is solely responsible to Verizon. for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by Verizon. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host service which affects that portion of the shared network service to which the user has subscribed.

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements". However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending facilities on the same multiplexed shall not constitute a new or separate "Arrangement".

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending facility has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending facility has been disconnected.

A Processing charge will apply for handling each service order in a Shared Network Arrangement. The Processing Charge applies in addition to all other applicable rates and charges.

6.6.14 Facility Hubs

A customer has the option of ordering high capacity facilities (i.e., DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice Grade or DS1).

When high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.14 Facility Hubs, (Cont'd.)

Different locations may be designated by the Telephone Company as Hubs for different facility capacities, e.g., multiplexing from DS3 to DS1 may occur at one location while multiplexing from DS1 to Voice Grade may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies the type(s) of multiplexing functions available and the serving wire centers at which they are available.

The types of multiplexing arrangements available include the following:
- from higher to lower bandwidth
- from high capacity to voice grade channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a high capacity Entrance Facility, Direct Trunked Transport, Channel Mileage (when applicable), and the multiplexing arrangements at the time the facility is installed. Additional individual service rates (by service type) will apply for an Entrance Facility for additional Direct Trunked Transport (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed.

In addition, Hubbing may be provided at an end office if all the circuits to be multiplexed are on an individual Direct Trunked facility and equipment is available.

Date Issued: November 14, 2005 Effective Date: January 14, 2006

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.15 Tandem Access Sectorization Area (TASA), (Cont'd.)

A. End Offices

Calls originating from end offices within the TASA that are not routed over direct trunks to a customer POT can be routed via an access tandem over Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, Feature Group B or D originating trunk groups. If a customer had a direct trunk group to the end office, both direct and tandem routed traffic from that end office could be sent to the same POT or to a different POT as designated by the customer.

B. Access Tandems

Through the use of incoming trunk class screening in the access tandem, calls originating from a TASA can be identified with that TASA. In the case of a customer with one POT all tandem routed traffic from a TASA can be directed to a specific outgoing trunk group from the tandem to the POT as designated by the customer. A customer with multiple POTS can direct all originating calls from a TASA to a single POT. In addition, all originating traffic from a different TASA could be routed to the same POT or a different POT as designated by the customer. The access tandems for use with TAS are the Baltimore, Annapolis and Washington tandems.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.6 Rate Regulations, (Cont'd.)

6.6.16 WATS Toll Free NXX Multi-state LATAs

For customer ordering LATA wide WATS Toll Free NXX service in LATAs that cross state boundaries, a percentage of the total LATA charge will be billed for each jurisdiction as appropriate.

6.6.17 Competitive Pricing Arrangements

Competitive pricing arrangements for Switched Access Entrance Facilities and Direct Trunked Transport Service can be furnished to meet the communication needs of specific customers on a case by case basis under individual contracts. Contract rates will be priced above cost for the service and for which costs are on file with the Public Service Commission under proprietary agreement. The competitive pricing arrangement contracts, once executed, will be filed with the Public Utility Commission under proprietary agreement.

SECTION 6 – SERVICE ACCESS SERVICE, (CONT'D.)

6.7 Rates and Charges

Rates and Charges for Switched Access Service are set forth in Section 10.6, following.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE

(C)

7.1 Intra-LATA Pre-subscription

7.1.1 Description

ILP is an arrangement whereby an exchange service customer of the Telephone Company designates either the Telephone Company or another carrier as its pre-subscribed interexchange carrier (ILP PIC) for calls made from the customer's exchange access line, without the customer having to dial an access code. Calls which qualify for ILP are intrastate intralata toll calls as defined in CTC NJBPU No. 1 and according to our Price Sheet on file with the Board.

(C)

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.2 Primary Inter-Exchange Carrier (PIC) Verification

PIC verification enables an IC to obtain verification of their end user's PIC selection in a Telephone Company switch. The IC must provide the telephone number to the Telephone Company either verbally or by the PIC verification automated interface using appropriate system specifications as determined by the Telephone Company. PIC verification service will be provided from suitably equipped wire centers as specified in the NECA Tariff FCC No. 4.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.3 Application of Rates and Charges

7.3.1 Intra-LATA Pre-Subscription

A. An ILP PIC nonrecurring charge applies per change for each telephone exchange service line or trunk.

1. For 90 days immediately following the date of implementation, customers may make one ILP PIC change without charge.

2. The ILP PIC charge does not apply for new service customers selecting an ILP PIC at the time they place an order with the Telephone Company for telephone exchange service.

3. A new customer who did not select an ILP PIC at the time service was being established and as a result was provided access code dialing as an alternative, has 60 days to request a change from access code dialing to the Telephone Company or to another carrier, and no ILP PIC charge will apply. Customers requesting a change after 60 days will incur the ILP PIC charge.

4. The ILP PIC charge applies for an intralata PIC change on a line. The ILP PIC charge will be waived if an interlata PIC change is also being requested on that line at the same time, and on the same service order, as the intralata PIC change request.

B. Service Charges

The applicable NJBPU No. 1 and according to our Price Sheet on file with the Board, nonrecurring service order charge applies to reestablish a customer's OCP service.

1. The charge does not apply when the customer's request is received within 90 days of the date upon which the customer's ILP PIC is changed from the Telephone Company.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.3 Application of Rates and Charges, (CONT'D.)

7.3.1 Intra-LATA Pre-Subscription, (Cont'd.)

C. Unauthorized ILP PIC Change/Restoral,

1. If a customer denies authorizing a change in ILP as submitted by an IC, the customer will be credited the previously billed ILP PIC NRC, and the ILP PIC NRC will be waived for restoring the customer to its previous ILP PIC.

2. The ILP PIC NRC will be assessed, as applicable, to an IC as set forth following when a customer denies authorizing the change in ILP as submitted by the IC (refer to Section 7.3.1A4).

a) One ILP PIC NRC is assessed to the alleged unauthorized IC to recover the disputed ILP PIC NRC previously billed to the customer.
b) One ILP PIC NRC is assessed to the alleged unauthorized IC to restore the customer to its previous ILP PIC.

3. In accordance with the FCC's slamming liability rules in CC Docket 94B129, if an alleged unauthorized IC is ultimately exonerated of liability, the IC is entitled to receive full payment from the customer for all services provided. In such situations, any ILP PIC NRC assessed against the IC by the Telephone Company is subject to rebilling to the customer by the alleged unauthorized IC.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.3 Application of Rates and Charges, (CONT'D.)

7.3.2 PIC Verification Service

A. A separate NRC will apply for each successful PIC verification made on either a verbal or automated interface basis.

7.3.3 Intrastate Equal Access Cost Recovery

A. The intrastate equal access cost recovery monthly charge applies per originating minute of use in order for the Telephone Company to recover the cost of implementing ILP PIC Intrastate Equal Access capability. The monthly charge will apply for 24 months from the date of implementation. A true-up adjustment will be calculated and either billed or remitted to the ILP carrier at the end of the24 months.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.3 Application of Rates and Charges, (CONT'D.)

7.3.4 ILP PIC Change Charge Billing Options

A. Direct Billing Option C

This option is available when an IC initiates an ILP PIC change order through the CARE interface by either paper, magnetic tape, network data mover or by on-line electronic interface using system specifications determined by the Telephone Company. The IC can designate direct billing on any ILP PIC change orders it chooses by specifying the ILP PIC change charge indicator in position 405. The NRC for a change in presubscription will then be assessed to the IC, instead of the end user.

1. Lines equipped with selective access blocking are not eligible for this option.

2. Direct billing is not available for a change in ILP PIC from other carriers on orders placed via the Telephone Company's residence, business or equal access service centers.

3. Direct billing may also be utilized, at the Telephone Company's discretion, for orders placed to obtain end user service from the Telephone Company.

4. Direct billing cannot be specified on an order for a change in presubscription which is normally provided at no charge to the end user.

Access Services

SECTION 7 - INTRA-LATA PRE-SUBSCRIPTION SERVICE, (CONT'D.)

7.3 Application of Rates and Charges, (CONT'D.)

7.3.4 ILP PIC Change Charge Billing Options

B. Reverse Billing OptionC

This option is available to ICs for end user-initiated ILP PIC change orders placed at the Telephone Company's residence, business or equal access service centers. The NRCs for all of the IC's end user-initiated ILP PIC change orders placed at the Telephone Company's residence, business or equal access service centers will then be assessed to the IC instead of the end users.

1. The IC must notify the Telephone Company in writing of its election to establish and/or cancel the reverse billing option. Establishment and/or cancellation will be effective within ten business days from the date the Telephone Company receives written notification and must be in effect for a minimum of six months.

7.4 Rates and Charges

Rates and charges can be found in Section 10.5, following.

Access Service

RESERVED FOR FUTURE USE (C)

(C)

Access Service

RESERVED FOR FUTURE USE

Access Service

SECTION 10 - RATES AND CHARGES

10.1 Carrier Common Line Access Service

10.1.1 Carrier Common Line

	Rate	
Originating - per access minute		
Non-8YY Traffic	$0.0270	**(C)**
8YY Traffic	$0.0000 **(D)**	**(C)**
Terminating - per access minute	$0.0000	

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service

10.3.1 Switched Transport

A. Entrance Facility

1. Voice Grade

	Nonrecurring Charges		Per	
	First	Additional	Month	
- per point of termination				
Two-wire . . .	-	-	$21.92	**(D)**
Four-wire . . .	-	-	$31.12	**(D)**
- per point of termination				
Two-wire				
Installation/Charge	$705.00	$205.00	-	
Rearrangement . .	$ 20.00	$ 20.00	-	
Four-wire				
Installation/Change	$790.00	$255.00	-	
Rearrangement	$ 20.00	$ 20.00	-	

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switch Transport, (Cont'd.)

A. Entrance Facility , (Cont'd.)

		Nonrecurring Charges First	Nonrecurring Charges Additional	Per Month	
2.	DS1 - per point of termination	- -	- -	$210.00	**(D)**
	Installation/Change	$830.00	$240.00		
	Rearrangement	$210.00	$105.00		
3.	DS3 - per point of termination				
	A. Electrical Interface . . .	$1,800.00	----	$3,130.00	**(D)**
	B. Optical Interface . . .	$1,800.00	----	$2,980.00	**(D)**

Issued By: Vice President, Tax
CTC Communications Corp. d/b/a EarthLink Business
1375 Peachtree Street, Level A
Atlanta, GA 30309

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

B. Tandem Switched Transport

		Standard	Afil PCL	
1.	Tandem Transport Termination			
	Originating, per access minute			
	Non-8YY Traffic	$0.000150	$0.000150	(C)
	8YY Traffic	*	*	(C)
	Terminating, per access minute	$0.000000	$0.000000	
2.	Tandem Transport Facility			
	Originating, per access minute			
	Non-8YY Traffic	$0.000240		(C)
	8YY Traffic	*		|
	Terminating, per access minute	$0.000002	$0.000000	(C)
3.	Tandem Switching			
	Originating, per access minute			
	Non-8YY Traffic	$0.00080		(C)
	8YY Traffic	$0.00100 (D)		|
	Terminating, per access minute	$0.00080	$0.00000	(C)
4.	Dedicated Tandem Trunk Port Charge			
	a) Per Trunk, per month	$9.90		
	b) Host/Remote Transport Termination – Non-8YY Traffic			(C)
	Originating, Per access minute	$0.001568	$0.001568	
	Terminating, per access minute	$0.000000	$0.000000	
	c) Host/Remote Transport Facility – Non-8YY Traffic			(C)
	Originating, per mile, per access minute	$0.000250	$0.000250	
	Terminating, per mile, per access minute,	$0.000000	$0.000000	
	d) Transport Multiplexing – Non-8YY Traffic			(C)
	Originating, per access minute	$0.00010	$0.00010	
	Terminating, per access minute	$0.00000	$0.00000	

* Transport rates are included in the Tandem Switching rate. (C)

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CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

C. Direct Trunk Transport

		Fixed	Per Month Per Mile
1.	Voice Grade, per termination		
	Over 0 to 4, per mile	$ 13.64	$ 2.49
	Over 4 to 8, per mile	$ 13.64	$ 2.49
	Over 8 to 25, per mile	$ 16.00	$ 1.42
	Over 25 to 50, per mile	$ 16.00	$ 0.76
	Over 50, per mile	$ 16.00	$ 0.76
2.	DS1, per termination	$ 50.00	$ 30.00
3.	DS3, per termination		
	- Optical	$900.00	$180.00
	- Electrical	$900.00	$180.00

D. Interconnection

	Rate	
Originating, per access minute		
Non-8YY Traffic	$0.0019380	**(C)**
8YY Traffic	$0.0000000 **(D)**	**(C)**
Terminating, per access minute	$0.0000000	

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CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

E. Multiplexing

	Nonrecurring Charge	Per Month
- Entrance Facility, per arrangement		
DS1 to Voice Grade	$380.00	$118.00 **(D)**
DS3 to DS1	$555.00	$500.00 **(D)**
- Direct-trunked Transport, per arrangement		
DS1 to Voice Grade	$380.00	$118.00 **(D)**
DS3 to DS1	$555.00	$500.00 **(D)**

F. Shared Network Arrangement

- Processing Charge per Service Order	$ 40.00	- -

G. Switched Access Connection Charge

- per Line or Trunk	$ 20.00	- -

H. Service Order Charge

- per Service Order	$105.00	- -

I. Reserved for Future Use **(C)** **(C)**

J. Per Remote Trunk Group

- per occurrence	$300.00	- -

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

K. Nonchargeable Optional Features

1. Supervisory Signaling

DX Supervisory Signaling arrangement
- Per Transmission Path*

SF Supervisory Signaling arrangement
- Per Transmission Path**

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

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

E&M Type III Supervisory Signaling
- Per Transmission Path**

2. Customer specifications of the receive transmission level at the first point of switching within a range acceptable to Telephone Company
- Per Transmission Path**

3. Customer specifications of Local Transport Termination Four-wire termination in line of Two-wire termination
- Per Transmission Path****

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

L. Reserved For Future Use **(C)**

M. Reserved For Future Use **(C)**

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

M. Reserved For Future Use (C)

(C)

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CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.1 Switched Transport, (Cont'd.)

N. Common Channel Signaling Access Service

		Non-Recurring Charge	Per Month
1.	STP access mileage, per mile	- -	$2.38
2.	STP Port Termination, per port	$932.58	- -

O. 800 Toll Free Data Base Access Service

Basic Query, per Query	$0.00308	
July 1, 2022 to June 30, 2023	$0.00164 **(D)**	**(C)**
On and after July 1, 2023	$0.00020 **(D)**	**(C)**

800 Toll Free Data Base Vertical Feature Package (VFP)

VFP Charge

Per Query	$0.000327	- -

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 End Office

A. Local Switching

	Rates	
Originating		
Per access Minute		**(C)**
Non-8YY Traffic	$0.008934	**(C)**
8YY Traffic		
7/1/2021 to 6/30/2022	$0.002406 **(D)**	**(C)**
7/1/2022 to 6/30/2023	$0.001203 **(D)**	|
On and after 7/1/2023	$0.000000 **(D)**	**(C)**
Terminating		
From 07/01/17 to 07/28/17		
Per access Minute	$0.001931	
On or after 07/29/17		
Per access Minute	$0.000000	

1. Common Switching Optional Features

	Per Month	Non-Recurring Charges
Automatic Number Identification (Available with FGB and FGD) - per transmission		
Path Group	$ 0.00	$ 0.00
Up to 7-Digit Outpulsing of Access Digits To Customer (available FGB Option) - per transmission		
Path Group	$ 0.00	$ 0.00
Revertive Pulse Address Signaling - per transmission		
Path Group	$ 0.00	$ 0.00

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 End Office, (cont'd.)

A. Local Switching, (cont'd.)

1. Common Switching Optional Features, (cont'd.)

	Per Month	Non-Recurring Charges
Calling Party Number (available FGD equipped with Out-of-Band signaling)		
- per end office, per Trunk Group	$ 0.00	$ 0.00
Charge number (available with FGD Equipped with out-of band signaling)		
- per end office, per Trunk Group	$ 0.00	$ 0.00
Carrier Selection Parameter (Available FGD equipped with Out-of-band signaling)		
- per end office, per Trunk Group	$ 0.00	$ 0.00

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 End Office, (cont'd.)

A. Local Switching, (cont'd.)

1. Common Switching Optional Features, (cont'd.)

	Per Month	Non-Recurring Charges	
Carrier Selection Parameter (Available with FGD equipped with Out-of-band signaling)			
- per end office, per Trunk Group ** #	$ 0.00	$ 0.00	
Access Transport Parameter (Available with FGD equipped with Out-of-band signaling)			
- per end office, per Trunk Group ** #	$ 0.00	$ 0.00	
800 Toll Free Data Base Access Service (Available with FGD equipped with out-of-band signaling			
- Basic Query Charge			
Per Query	$0.003089	$ 0.00	
7/1/2022 TO-6/30/2023	$0.0016445 **(D)**		**(C)**
On and after 7/1/2023	$0.0002000 **(D)**		**(C)**
800 Toll Free Data Base Vertical Feature Package (VFP) (Available with 800 Toll Free Data Based Access Service			
- VFP Charge			
Per Query	$ 0.000327	$ 0.00	

* - for subsequent installations only.
** - Available only on originating Trunkside BSA-101XXXX Option and FGD
# - Available only at designated switches

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CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 Reserved For Future Use **(C)**

(C)

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.)

10.3.2 End Office, (Cont'd.)

	Rates	
C. Shared End Office Trunk Charge		
Originating		
Per access Minute		
Non-8YY Traffic	$0.001618	**(C)**
8YY Traffic		|
Effective 7/1/21 – 6/30/22	$0.001618	|
Effective 7/1/22 – 6/30/23	$0.000809 **(D)**	|
Effective 7/1/23	$0.000000 **(D)**	**(C)**
Terminating		
Per access Minute	$0.001618	

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CTC Communications Corp. d/b/a EarthLink Business
4001 Rodney Parham Road
Little Rock, AR 72212

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.3 Switched Access Service, (Cont'd.) **(C)**

10.3.3 Reserved For Future Use

10.3.4 Reserved For Future Use

10.3.5 Reserved For Future Use

10.3.6 Reserved For Future Use

10.3.7 Reserved For Future Use **(C)**

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.4	Billing Name and Address Service		(N)
	10.4.1 Service Establishment Charge	$150.00	
	10.4.2 Per Telephone Number by		
	- Verbal Request	$ 0.58	
	- Written Request	$ 0.58	(N)

Issued By: Pamela L. Hintz
Vice President Regulatory
220 Bear Hill Road
Waltham, MA 02451

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

10.5 IntraLATA Pre-Subscription (ILP) Services

10.5.1 IntraLATA Pre-Subscription (ILP)

		RATE
A.	ILP PIC Charge	
	Intra-State, Intra-LATA - NRC - Per Telephone Exchange service line or Trunk	$ 5.00

10.5.2 PIC Verification Service

A.	PIC Verification - NRC - Verbal Request per telephone Number - per successful verification	$ 1.35
B.	PIC Verification - NRC - Electronic Request per telephone Number - per successful verification	$ 0.60

10.5.3 Reserved For Future Use **(C)** | | **(C)**

Access Service

SECTION 10 - RATES AND CHARGES, (CONT'D.)

(C)

RESERVED FOR FUTURE USE

(C)

Access Service

SECTION 11 – VOIP-PSTN TRAFFIC

11.1 Identification and Rating of VoIP-PSTN Traffic

11.1.1 Scope - This section governs the identification of VoIP-PSTN Traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (Nov. 18, 2011), as Amended or Revised ("FCC Order"). Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the Customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC Order. **(C)**

11.1.2 The Relevant VoIP-PSTN Traffic identified in accordance with this Section will be billed at the rates identified in Section 11.1.7of this Tariff. These rates are equal to those tariffed for the Company's interstate switched access services. Consistent with the FCC Order, charges are assessed by the Company for services provided by the Company and/or by any of its VoIP Provider Partners(s).

Access Service

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1.3 Calculation and Application of Percent-VoIP-Usage Factor – the Company will determine the number of Relevant VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection 11.1.2, above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU (however determined – either based on call detail information or PIU) exchanged between the Company and the Customer.

The PVU for traffic will be derived and applied as follows:

A. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the percentage of the total intrastate and interstate access MOU for traffic that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. This PVU-A shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information consistent with the FCC Order.

B. Company will, likewise, calculate a factor (the "PVU-B") representing the percentage of the Company's total access MOU for traffic in the State that the Company originates or terminates in IP format. This PVU-B shall be based on information such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information consistent with the FCC Order.

Access Service

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1 Identification and Rating of VoIP-PSTN Traffic (Cont'd.)

11.1.3 (Cont'd.)

C. The Company will use the PVU-A and PVU-B factors to calculate an over-all PVU factor that represents the percentage of total access MOU for service exchanged between the Company and the Customer that is originated or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The PVU factor will be calculated as the sum of: (A) the PVU-A factor and (B) the PVU-B factor times (1.0 minus the PVU-A factor).

D. The Company will apply the over-all PVU factor to the total service intrastate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic MOUs for service.

Examples for PVU Factor Calculations:
(The calculation elements in these examples are generic.)

Example 1: The PVU-B is 10% and the PVU-A is 40%. The over-all PVU factor is equal to 40% + (10% x 60%) ‘ 46%. The Company will bill 46% of the Customer's intrastate access MOU as VoIP-PSTN Traffic, pursuant to this Section of this Tariff.

Example 2: The PVU-B is 10% and the PVU-A is 0%. The over-all PVU factor is 0% + (100% x 10%) ‘ 10%. The Company will bill 10% of the Customer's intrastate access MOU as VoIP-PSTN Traffic, pursuant to this Section of this Tariff.

Example 3: The PVU-A is 100%. No matter what the PVU-B factor is, the over-all PVU is 100%. The Company will bill 100% of the Customer's intrastate access MOU as VoIP-PSTN Traffic, pursuant to this Section of this Tariff.

(C)
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(C)

Material originally found on this sheet is now on sheet 3.1.

Access Service

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1 Identification and Rating of VoIP-PSTN Traffic (Cont'd.)

11.1.3 (Cont'd.)

D. (Cont'd.)

Use of Default Percentages - Company

Where the Company's PVU-B is equal to the percentage of VoIP subscribers in the state based on the FCC's *Local Competition Report*, as released periodically, as set forth in paragraph 963 of the FCC Order (the "Default Percentage"), and the Customer's PVU-A is also equal to the Default Percentage, the PVU factor applicable to traffic exchanged between the Company and the Customer shall be the Default Percentage.

Default PVU Factors – Customer

If the Customer does not furnish the Company with a PVU factor pursuant to the preceding paragraph 11.1.3.A of this Section, the Company will utilize a PVU equal to the Company's PVU-B factor.

Material on this sheet was originally on sheet 3.

Access Service

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1 Identification and Rating of VoIP-PSTN Traffic (Cont'd.)

11.1.4 Initial PVU Factors - In calculating the initial PVUs, the Company will take the Customer-specified PVU-A into account retroactively to the effective date of this tariff revision, provided that the Customer provides the factor to the Company no later than April 15, 2012; otherwise it will set the initial PVU equal to the PVU-B, as specified in subsection 11.1.3.B, above.

11.1.5 PVU Factor Updates - The Customer may update the PVU-A factor quarterly using the method set forth in subsection 11.1.3.A, above. If the Customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-A factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The Company will use the revised PVU-A to calculate a revised PVU. The revised PVU factor will apply prospectively and serve as the basis for billing until superseded by a new PVU.

11.1.6 PVU Factor Verification - Not more than twice in any year, the Company may ask the Customer to verify the PVU-A factor furnished to the Company and Customer may ask the Company to verify the PVU-B factor and the calculation of the PVU factor. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the respective PVU-A and PVU-B factor.

11.1.7 Interstate VoIP-PSTN Access Rates

Non-8YY Traffic		**(C)**
Local Switched Transport Termination, Per Access Minute	$0.000000	
Local Transport Facility, Per Mile Per Access Minute	$0.000002	
Tandem Switching, Per Access Minute	$0.001574	
Transport Multiplexing, Per Minute	$0.000000	
Local Switching, Per Minute	$0.002406	
800 Database Access Service	$0.010000	
8YY Traffic		
Local Transport Termination and Tandem Switching	$0.001000 **(D)**	**(C)**
Local Switching, Per Minute		|
July 1, 2021 to June 30, 2022	$0.002406	|
July 1, 2021 to June 30, 2023	$0.001203 **(D)**	|
On and after July 1, 2023	$0.000000 **(D)**	|
800 Database Access Service		|
July 1, 2021 to June 30, 2022	$0.004248 **(D)**	|
July 1, 2021 to June 30, 2023	$0.002224 **(D)**	|
On and after July 1, 2023	$0.000200 **(D)**	**(C)**