
ACCESS SERVICES TARIFF

*This tariff, CTC Communications Corp. d/b/a EarthLink Business Connecticut Tariff No. 6,
replaces in its entirety,
CTC Communications Corp. d/b/a One Communications Corp. DPUC No. 3,
currently on file with the Authority.*

CTC Communications Corp.
d/b/a EarthLink Business

1375 Peachtree Street, Level A
Atlanta, Georgia 30309

REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES

WITHIN

THE STATE OF CONNECTICUT

Access Telecommunications Services

DESCRIPTION OF TARIFF

This Tariff applies to Telecommunications Access Services furnished by CTC Communications Corp. d/b/a EarthLink Business (the "Company") between one or more points in the State of Connecticut. This tariff is on file with the Connecticut Public Utilities Regulatory Authority and copies may be inspected during normal business hours at the Company's principal place of business.

Issued: September 20, 2011

Effective: September 25, 2011

By: Vice President, Tax
1375 Peachtree Street, Level A
Atlanta, Georgia 30309

ACCESS SERVICES TARIFF

CHECK SHEET

All pages of this tariff are effective as of the date shown at the bottom of the respective page(s). Original and revised pages as named below comprise all changes from the original tariff and are currently in effect as of the date of the bottom of this page.

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ACCESS SERVICES TARIFF

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Atlanta, Georgia 30309

ACCESS SERVICES TARIFF

SYMBOLS

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

- C** To signify changed regulation or condition.
- D** To signify a discontinued material, including listing, rate, rule or condition.
- I** To signify an increased rate.
- L** To signify material relocated from or to another part of tariff schedule with no change in text, rate, rule or condition.
- N** To signify new material including listing, rate, rule or condition.
- R** To signify a reduction.
- X** To signify a correction or reissued material.

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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 P.U.R.A. For example, the 4th Revised Page 14 cancels the 3rd Revised Page 14. Because of various suspension periods, deferrals, etc. the P.U.R.A. follows in their tariff approval process, the most current page number on file with the P.U.R.A. 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).

D. Check Sheets - When a tariff filing is made with the P.U.R.A., an updated check sheet accompanies the tariff filing. The check sheet lists the pages contained in the tariff, with a cross reference to the current revision number. When new pages are added, the check sheet is changed to reflect the revision. All revisions made in a given filing are designated by an asterisk (*). There will be no other symbols used on the check sheet if these are the only changes made to it (*i.e.*, the format, etc. remains the same, just revised revision levels on some pages). The tariff user should refer to the latest check sheet to find out if a particular page is the most current on file with the P.U.R.A.

ACCESS SERVICES TARIFF

APPLICATION OF TARIFF

This tariff sets forth the service offerings, rates, terms and conditions applicable to the furnishing of facilities-based intrastate end-user data and voice telecommunications communications services by CTC Communications Corp., d/b/a EarthLink Business to business customers within the State of Connecticut.

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ACCESS SERVICES TARIFF

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.

Registered Trademarks

- A. PowerPathSM

ACCESS SERVICES TARIFF

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.

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. d/b/a EarthLink Business the issuer of this tariff.

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.

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

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

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

ACCESS SERVICES TARIFF

SECTION 1 – DEFINITIONS (CONT'D.)

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 (or “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 use’s organization.

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.

ACCESS SERVICES TARIFF

SECTION 1 – DEFINITIONS (CONT'D.)

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

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 or ("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.

P.U.R.A. – Connecticut Public Utilities Regulatory Authority.

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

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.

ACCESS SERVICES TARIFF

SECTION 1 – DEFINITIONS (CONT’D.)

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.

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.

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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.

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.

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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.

ACCESS SERVICES TARIFF

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 Business 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 Connecticut.

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 Shortage of Equipment or Facilities and Use

- A. Service is offered subject to the availability of the necessary facilities and /or equipment and subject to the provisions of this tariff. The Company may decline applications for service to or from an location where the necessary facilities or equipment are not available. The Company may discontinue furnishing service in accordance with the terms of this tariff.
- B. 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.
- C. 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.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd.)

2.1.3 Limitations

- A. The Company reserves the right to discontinue or limit service necessitated by conditions beyond its control, or when the Customer is using service in violation of provisions of this tariff, or in violation of the law.
- B. The Company does not undertake to transmit messages, but offers the use of its facilities when available, and will not be liable for errors in transmission, or for failure to establish connections.
- C. The Company reserves the right to discontinue service, limit service or to impose requirements on Customers as required to meet changing regulatory or statutory rules or standards or when such rules or standards have an adverse material affect on the business or economic feasibility of providing service, as determined by the company in its reasonable judgement.
- D. Service may be limited or discontinued by the company, without notice to the Customer, by blocking traffic to certain countries cities or NPA-NXX exchanges or by blocking calls using certain Authorized Codes, when the company deems it necessary to take such action to prevent unlawful use of its services. The company will restore service as soon as it can be provided without undue risk and will, upon request by the Customer affected, assign a new Authorization code to replace the one that has been deactivated.
- E. The Company reserves the right to refuse or process Third Party Billed calls when the billed party and /or standard validation techniques do not confirm acceptance, or based on characteristics of the originating location.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd).

2.1.4 Terms and Conditions

- A. The Company's services and facilities are provided twenty-four (24) hours a day, seven (7) days a week
- B. Service is provided on the basis of a minimum period of at least one (1) month. For the purpose of computing charges in this tariff, a month is considered to have thirty (30) days.
- C. 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.
- D. 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.
- E. Service may be terminated upon written notice to the Customer if:
 - 1. the Customer is using the service in violation of this tariff;
 - 2. or, the Customer is using the service in violation of the law.
- F. This tariff shall be interpreted and governed by the laws of the State of Connecticut without regard for its choice of laws provision.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd.)

2.1.5 Liability of the Company

- A. The liability of the Company for damages arising out of the furnishing of its Services, including but not limited to mistakes, omissions, interruptions, delays, or errors, or other defects, representations, or use of these services or arising out of the failure to furnish the service, whether caused by acts or omission, shall be limited to the extension of allowances for interruption as set forth in 2.6. The extension of such allowances for interruption shall be the sole remedy of the Customer and the sole liability of the Company.
- B. The Company will not be liable for any direct, indirect, incidental, special, consequential (including lost revenue or profits), exemplary or punitive damages to Customer as a result of any Company service, equipment or facilities, or the acts or omissions or negligence of the Company's employees or agents.
- C. The Company shall not be liable for any delay or failure of performance or equipment due to causes beyond its control, including but not limited to: acts of God, fire, flood, explosion, vandalism, cable cut or other catastrophes; any law, order, regulation, direction, action, or request of the United States Government, or of any other government, including state and local governments having or claiming jurisdiction over the Company, or of any department, agency, commission, bureau, corporation, or other instrumentality of any one or more of these federal, state, or local governments, or of any civil or military authority; national emergencies; insurrections; riots; wars; unavailability of rights-of-way or materials; or strikes, work stoppages, or other labor difficulties.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd.)

2.1.5 Liability of the Company (Cont'd.)

- D. The Company shall not be liable for any act or omission of any entity furnishing to the Company or to the Company's Customers facilities or equipment used for or with the services the Company offers.
- E. The Company shall not be liable for interruptions, delays, errors, or defects in transmission or for any injury whatsoever, caused by the Customer, the Customer's Agents or Authorized Users or by facilities or equipment provided by the Customer.
- F. The Company does not guarantee nor make any warranty with respect to installations it provides for use in an explosive atmosphere. The Customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted, or asserted by any other party or person(s), and for any loss, damage, or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal presence, condition, location, or use of any installation so provided. The Company reserves the right to require each Customer to sign an agreement acknowledging acceptance of the provisions of this section 2.1.4.F as a condition precedent to such installations.
- G. The Company is not liable for any defacement of or damage to Customer premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof, unless such defacement or damage is caused by negligence or willful misconduct of the Company's agents or employees.
- H. The Company shall be indemnified, defended and held harmless by the Customer against any claim, loss or damage arising from Customer's use of services, involving claims for libel, slander, invasion of privacy, or infringement of copyright or unauthorized use of trademark, trade name, or service mark arising out of material, data, information or other content transmitted over the Company's Facilities.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd.)

2.1.5 Liability of the Company (Cont'd.)

- I. The Customer shall indemnify, defend, and hold harmless the Company against claims of patent infringement arising from combining or connecting the Company's facilities or equipment with facilities equipment, apparatus or systems of a Customer.
- J. The Customer shall indemnify, defend, and hold harmless the Company against all other claims (including without limitation, claims for damage to any other business or property or injury to or death of any person) arising out of any act or omission of the Customer, the Customer's agents or Authorized Users in connection with any service or facilities or equipment provided by the Company.
- K. 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.

ACCESS SERVICES TARIFF

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 TARIFF

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 TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.1 Undertaking of the Company (Cont'd.)

2.1.7 Provision of Equipment and Facilities (Cont'd.)

G. 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; or
2. the reception of signals by Customer-provided 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 TARIFF

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 TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.2 Prohibited Uses

- 2.2.1 The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all required governmental approvals, authorizations, licenses, consents and permits.
- 2.2.2 The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and Connecticut Public Utilities Regulatory Authority regulations, policies, orders, and decisions.
- 2.2.3 The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.
- 2.2.4 A customer, joint user, or authorized user may not assign, or transfer in any manner, the service or any rights associated with the service without the written consent of the Company. The Company will permit a Customer to transfer its existing service to another entity if the existing Customer has paid all charges owed to the Company for regulated communications services. Such a transfer will be treated as a disconnection of existing service and installation of new service, and non-recurring installation charges as stated in this tariff will apply.

ACCESS SERVICES TARIFF

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. 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 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 personnel, equipment space and power to operate Company facilities and equipment installed on the premises of the Customer, and the level of heating and air conditioning necessary to maintain the proper operating environment on such premises;
- D. obtaining, maintaining, and otherwise having full responsibility for all rights-of-way and conduit necessary for installation of fiber optic cable and associated equipment used to provide Communications Services to the Customer from the cable building entrance or property line to the location of the equipment space described in 2.3.1 C.. Any and all costs associated with the obtaining and maintaining the rights-of-way described herein, including the costs of altering the structure to permit installation of the Company-provided facilities, shall be borne entirely by, or may be charged by the Company to, the Customer. The Company may require the Customer to demonstrate its compliance with this section prior to accepting an order for service;

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.3 Obligations of the Customer (Cont'd.)

2.3.1 General (Cont'd.)

- E. providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining the Company's facilities and equipment. The Customer may be required to install and maintain Company facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company 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 (e.g. friable asbestos) prior to any construction or installation work;
- F. 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 Company facilities and equipment in any Customer premises or the rights-of-way for which Customer is responsible under Section 2.3.1 D.; and granting or obtaining permission for Company agents or employees to enter the premises of the Customer at any reasonable time for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company;
- G. not creating or allowing to be placed any liens or other encumbrances on the Company's equipment or facilities; and
- H. making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance will be made for the period during which service is interrupted for such purposes.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.3 Obligations of the Customer (Cont'd.)

2.3.2 Claims

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

- A. any loss, destruction or damage to property of the Company or any third party, or the death or injury to persons, including, but not limited to, employees or invitees of either party, 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 or intellectual property right of any third party, arising from any act or omission by the Customer, including, without limitation, use of the Company's services and facilities in a manner not contemplated by the agreement between the Customer and the Company.

ACCESS SERVICES TARIFF

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 TARIFF

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).
- E. The Customer shall ensure that the facilities or equipment provided by the Customer are properly interconnected with the facilities or equipment of the Company. If the Customer maintains or operates the interconnected facilities or equipment in a manner which results or may result in harm to the Company's facilities, equipment, personnel, or the quality of service, the Company may, upon written notice, require the use of protective equipment at the Customer's expense. If written notice fails to eliminate the actual or potential harm, the Company may, upon written notice, terminate the existing service of the Customer.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.4 Customer Equipment and Channels (Cont'd.)

2.4.3 Interconnection of Facilities (Cont'd.)

- F. Service furnished by the Company may be interconnected with services that are interconnected with services or facilities or other authorized communications common carriers and with private systems, subject to technical limitations established by the Company. Service established by the Company is not part of a joint undertaking with such common carrier or systems. The Company does not undertake to provide any special facilities, equipment or services to enable the Customer to interconnect the facilities or the equipment of the Company with services or facilities of other common carriers with private systems.

ACCESS SERVICES TARIFF

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. The Company may interrupt service at any time, without penalty or liability, due to the departure from or reasonable suspicion of the departure from the terms and conditions set fourth within this tariff.
- 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.
- C. Upon reasonable notice, the facilities or equipment provided by the Company shall be made available to the Company for such tests and adjustments as may be necessary for their maintenance in a condition satisfactory to the Company. No interruption allowance shall be generated for the time during such tests and adjustments are made, unless such interruption exceed twenty-four (24) hours in length and is requested by the Customer.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements

2.5.1 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 Authorized Users 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 sales, use, gross receipts, excise, access or other local, state and federal taxes, charges or surcharges (however, designated) (excluding taxes on Company's net income) imposed on or based upon the provision, sale or use of Network Services.

2.5.2 Billing and Collection of Charges

A. Non-recurring charges are due and payable from the customer upon receipt of the invoice.

B. The Company shall present invoices for Recurring Charges monthly to the Customer, in advance of the month in which service is provided, and Recurring Charges shall be due upon receipt of the invoice. When billing is based on customer usage, charges will be billed monthly for the preceding billing periods.

C. When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a pro-rated basis. For this purpose, every month is considered to have thirty (30) days.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.2 Billing and Collection of Charges (Cont'd.)

- D. Billing of the Customer by the Company will begin on the Service Commencement Date, which is the first day following the date on which the Company notifies the Customer that the service or facility is available for use, except that the Service Commencement Date may be postponed by mutual agreement of the parties, or if the service or facility does not conform to standards set forth in this tariff or the Service Order. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.
- E. In particular and without limitation to the foregoing, the Customer is responsible for any and all cost(s) incurred as the result of the following:
1. any delegation of authority resulting in the use of his or her communications equipment and/or network services which result in the placement calls/services via the Company;
 2. any and all use of the service arrangement provided by the Company, including calls and services which the Customer did not individually authorize;
 3. any calls and services placed by or through the Customer's equipment via a remote access feature(s).
- F. A late payment penalty will be due to the Company upon any unpaid amount commencing thirty (30) days after the date of the invoice. The late payment penalty shall be the portion of the payment not received by the 30th day after the date of the invoice, multiplied by a late factor of 1.5% for business customers.
- G. The Customer will be assessed a charge of twenty dollars (\$20.00) for each check submitted by the Customer to the Company which a financial institution refused to honor.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.2 Billing and Collection of Charges (Cont'd.)

- H. In the case of a billing dispute between a Customer and the Company for service furnished to the Customer which cannot be settled with mutual satisfaction, the Customer may within thirty (30) days of the date of the bill containing the disputed amount, request, and the Company shall comply with the request, an in-depth investigation and review of the disputed amount. The Company shall communicate to the Customer the results of such investigation and review as soon as reasonably possible. The undisputed portion of the bill and subsequent bills must be paid on a timely basis or service shall be subject to cancellation.

- I. If service is disconnected by the Company in accordance with section 2.5.5 following and later restored, restoration of service will be subject to all applicable installation charges.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.).

2.5.3 Advance Payments

To safeguard its interests, the Company may require a Customer to make an advance payment before services and facilities are furnished. The advance payment will not exceed an amount equal to the non-recurring 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 non-recurring charges for the special construction and recurring charges (if any) for a period to be set between the Company and the Customer. The advance payment will be credited to the Customer's initial bill. An advance payment may be required in addition to a deposit.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.4 Deposits

- A. To safeguard its interests, the Company may require Customers to make a deposit to be held as a guarantee for the payment of charges. A deposit does not relieve the Customer of the responsibility for the prompt payment of bills on presentation. The deposit will not exceed an amount equal to:
 - 1. two (2) month's charges for a service or facility which has a minimum payment period of one (1) month; or
 - 2. the charges that would apply for the minimum payment period for a service or facility which has a minimum payment period of more than one month; except that the deposit may include an additional amount in the event that a termination charge is applicable.
- B. A deposit may be required in addition to an advance payment.
- C. When a service or facility is discontinued, the amount of a deposit, if any, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company may, at its option, return the deposit or credit it to the Customer's account.
- D. All deposits held will accrue interest at the rate specified by the Connecticut General Statute 16-262j, as amended from time to time. Deposits will be credited or paid to the Customer annually while the Deposit is held. Interest will not accrue on any deposit after the date on which reasonable effort has been made to return it to the Customer.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.5 Refusal or Discontinuance of Service

Service will continue to be provided until canceled by the Customer, in writing or until discontinued by the Customer as set forth below. The Company may render bills subsequent to the termination of service charges incurred before termination.

Notice of discontinuance will be in writing at least fifteen (15) days prior to the proposed discontinuance date. Service of notice shall be considered complete upon mailing.

The company may refuse or discontinuance service without liability to Business Customers for the following reasons:

- A. For noncompliance with or violation of any state, municipal, or federal law, ordinance or regulation pertaining to communication services.
- B. For noncompliance with or violation of any P.U.R.A. regulation, or the company's rules and regulations on file with the P.U.R.A..
- C. Without notice by reason of any order or decision of a court or other government authority having jurisdiction which prohibits Company from furnishing such services.
- D. For Failure of the Customer to make proper application for service or for use of service for any other property or purpose than that described in the application.
- E. Without notice in the event of tampering with the equipment or services owned by the company or its agents.
- F. Without notice in the event the Customer use of equipment or services in such manner as to adversely affect the Company's equipment or the Company's service to others.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.5 Refusal or Discontinuance of Service (Cont'd.)

- G. For neglect or refusal to provide reasonable access to the company or its agents for the purpose of inspection and maintenance of equipment owned by the company or its agents.
- H. For nonpayment of bills, provided that the suspension or termination of service shall not be made without proper notification as described above and in accordance with applicable law. The Customer whose check or draft is returned unpaid for any reason after two attempts at collection, shall be subject to discontinuance of service.
- I. For violation of any of the other material terms or conditions for furnishing service the Company may, with the proper notification as described above, discontinue or suspend service.
- J. For condemnation of any material portion of the facilities used by the Company to provide service to a Customer or if a casualty renders all or any material portion of such facilities inoperable beyond feasible repair, the Company, by notice to the Customer, may discontinue or suspend service without incurring any liability.
- K. For fraudulent use of the Company's Network, the Company will discontinue service without notice and/or seek legal recourse to recover all costs involved in enforcement of this provision.

Upon the Company's discontinuance or suspension of service to a Customer under Section 2.5.5.A. and 2.5.5.B, the Company, in addition to all other remedies that may be available to the Company at law or equity or under any other provision of this tariff, may declare all future monthly and other charges which would have been payable by the Customer during the remainder of the term for which such services would have been provided to the Customer to be immediately due and payable (discounted to present value at six percent). For good cause shown, the P.U.R.A. may exempt a Customer from the penalties provided in this subsection.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.5 Payment Arrangements (Cont'd.)

2.5.6 Cancellation of Application for Service

- A. Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs the Company incurred, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of services ordered, including installation charges, and all charges others levy against the Company that would have been chargeable to the Customer had service begun (all discounted to present value at six percent).
- B. Where the Company incurs any expense in connection with special construction, or where special arrangements of facilities or equipment have begun, before the Company receives a cancellation notice, a charge equal to the costs incurred, less net salvage, applies. In such cases, the charge will be based on such elements as the cost of the equipment, facilities, and material, the cost of installation, engineering, labor, and supervision, general and administrative expense, other disbursements, depreciation, maintenance, taxes, provision for return on investment, and any other costs associated with the special construction or arrangements.
- C. The special charges described in 2.5.6.A. through 2.5.6.B. will be calculated and applied on a case-by-case basis.

2.5.7 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 TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.6 Allowances for Interruptions in Service

Interruptions in service, which are not due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer as set forth in 2.6.1 for the part of the service that the interruption affects.

2.6.1 Credit for Interruptions

A. When service is interrupted for a period of at least twenty-four (24) hours after notice by the Customer to the Company, an allowance equal to 1/30 of fixed billing cycle charges for services and facilities furnished by the Company rendered useless or substantially impaired shall apply to each twenty-four (24) hours during which the interruption continues after notice by the customer to the Company. Credit in any billing period shall not exceed the total non-usage charges for that period for the services and facilities furnished by the Company rendered useless or substantially impaired.

1. The word "interruption" shall mean the inability to complete calls due to equipment malfunctions or human errors. "Interruption" does not include, and no allowance shall be given for, service difficulties such as slow dial tone, circuits, busy or other network and/or switching capacity shortages. Nor shall "interruption" include the failure of any service or facilities provided by a common carrier or other entity other than the Company. Nor shall the interruption allowance apply where service is interrupted by the negligence or willful act of the customer, or where the Company, pursuant to the terms of this tariff, terminates service because of non-payment of bills or deposits due to the Company, unlawful or improper use of the Company's facilities or service, or any other reason covered by this tariff or by applicable law.

2. No allowance shall apply to any non-recurring or usage charges.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.6 Allowances for Interruptions in Service (Cont'd.)

2.6.2 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.

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By: Vice President, Tax
1375 Peachtree Street, Level A
Atlanta, Georgia 30309

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.6 Allowances for Interruptions in Service (Cont'd.)

2.6.3 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 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.

2.7 Use of Customer's Service by Others

2.7.1 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 laws or Connecticut 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.

2.7.2 Joint Use Arrangements

Joint use arrangements will be permitted for all services provided under this tariff. From each joint use arrangement, one member will be designated as the Customer responsible for the manner in which the joint use of the service will be allocated. The Company will accept orders to start, rearrange, relocate, or discontinue service only from the Customer. Without affecting the Customer's ultimate responsibility for payment of all charges for the service, each joint user shall be responsible for the payment of the charges billed to it.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.8 Minimum Period Regulations

The minimum period of length of time a customer is required to make payment when Access Services are provided. The minimum period for any Access Services provided is one month, except as follows:

2.8.1 General

- A. The minimum period for Switched Access Service FGD, 500 Access Service, 800 Data Base and 900 Access Service which are provided from an end office equipped with equal access capabilities is three months
- B. The minimum service period for Switched Access Service Automatic Scheduled testing, Cooperative Schedule Testing and Manual Scheduled Testing Services Testing Service is one year and annually thereafter.
- C. The minimum period for as Specialized Service is established with each individual case filing. If not specified the minimum period will be one month.
- D. The minimum period for Directory assistance Service is three months.

2.8.2 Minimum Period Charges

When a service is discontinued prior to the expiration of the minimum period, a minimum period charge will apply. In addition, all nonrecurring associated with the provision of the service will be billed e.g., installation of service and / or optional features, Service order Modifications Charges, Additional Labor Charges, etc.

- A. Services with a Minimum Period of One Month or Less

The minimum period charge will be computed based on the minimum monthly charge for the capacity ordered as set forth in Section 4, following.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.8 Minimum Period Regulations (Cont'd.)

2.8.2 Minimum Period Charges (Cont'd.)

B. Services with a Minimum Service Period Greater Than One Month

1. With the exception of Directory Assistance Service the minimum period charge will be the lesser of (a) the Company's total service or (b) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period. The minimum charge for Directory Assistance service is equal to the total non-recoverable costs.

2.8.3 Effect of Rearrangements and Changes on the Minimum Period

A. Rearrangements Which Change the Minimum Period.

The following service rearrangements and changes will be treated as the discontinuance of an existing service and the installation of a new service

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.9 Transfers and Assignments

Neither the Company nor the Customer may assign or transfer its rights or duties in connection with the services and facilities provided by the Company without the written consent of the other party, except that the Company may assign its rights and duties (a) to any subsidiary, parent company or affiliate of the Company, (b) pursuant to any sale or transfer of substantially all the assets of the Company; or (c) pursuant to any financing, merger or reorganization of the Company.

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By: Vice President, Tax
1375 Peachtree Street, Level A
Atlanta, Georgia 30309

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.10 Notices and Communications

- A. The Customer shall designate on the Master Service Agreement 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.
- B. The Company shall designate on the Master Service Agreement 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.
- C. All notices or other communications required to be given pursuant to this tariff are requested to be in writing. At the Company's request, notices or other communications given pursuant to this tariff by the Customer to the Company in a telephone call, may be required to be confirmed 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 business day following placement of the notice, communication or bill with the U.S. Mail or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.
- D. 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 TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Customer Complaint Procedure

The Company will resolve any disputes brought to its attention as promptly and efficiently as possible. Customer Service Representatives can be reached via the following toll free number: 1-800-962-2488.

In the event of a dispute concerning an invoice, the Customer must pay the sum the sum equal to the amount of the undisputed portion of the bill and notify the Company of the disputed portion.

Any unresolved disputes may be directed o the attention of the Public Utilities Regulatory Authority, Consumer Assistance, 10 Franklin Square, New Britain, Connecticut, 06051. The P.U.R.A. may also be reached toll free within Connecticut at 1-800-382-4586 or 203-827-2622 from out of state.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications

When the same Switched Access Service(s) are used for both Intrastate and Interstate applications, all charges, including optional feature charges, i.e., non-recurring, monthly and / or usage, will be prorated between interstate and intrastate on the basis of the projected percentage of interstate usage (PIU), expressed as a whole number, i.e., a number from 1 to 100.

Interstate usage consists of calls which enter a customer in a different state that where the called station (as designated by the called station number) is situated, Calls that enter a customer network within the same state as that in which the called station is situated are classified as intrastate communications.

2.12.1 Charge Determination

The Intrastate charges are determined as follows:

A. For Monthly and Non-recurring Chargeable Rate Elements

The projected percentage of intrastate use, expressed in decimal form, is multiplied by the quantity of chargeable elements and the stated tariff rate.

B. For Usage Sensitive (i.e., access minutes) Chargeable Rate Elements

The projected percentage if intrastate use, expressed in decimal form is multiplied by the actual use and the stated tariff rate.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.2 Initial Jurisdictional Report Requirements

Where the customer orders new trunks that augment an existing trunk group that carries both interstate and intrastate traffic and the PIU is determined from actual call detail, the PIU applied to the provisioning and the billing of the new trunks requested by the customer will also be determined from the actual call detail for the entire trunk group. In such instances, the Access Services Request used by the customer to order the new trunks cannot reflect a PIU of 100%.

A. Feature Group B

For Feature Group B trunks or trunk group arrangements the customer shall state the projected interstate usage percentage.

For all groups the number of access minutes for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. Intrastate access minutes are developed by subtracting the number of interstate minutes from the total access minutes for the group.

B. Feature Group D, 500 Access Service, 700 Access Service, 800 Database and 900 Access Service

1. Jurisdiction can be determined from call detail - When the jurisdiction can be determined from Call Detail (e.g., originating FGD MTS traffic) the Company will bill the actual intrastate usage for each
2. Insufficient Call Detail to Determine Jurisdiction - When originating or terminating call details are insufficient to determine jurisdiction the customer shall provide to the Company the interstate percentage for the traffic types (e.g., 500 originating, 700 originating, 800 originating and 900 originating) by LATA. If the customer does not provide a percentage for originating 700 Access the company will designate a PIU default factor of 41% for that service.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.2 Initial Jurisdictional Report Requirements (Cont'd.)

C. Directory Assistance Service

When a customer orders Directory Assistance Service the customer shall provide the projected interstate percentage for terminating use in their order for service as a whole number, i.e., a number from 0 to 100, for each Directory Access Service group ordered. An optional method the customer may adopt is to use its terminating traffic from its premises to the involved Directory Assistance location and calculate the projected interstate percentage as set forth in B/preceding.

D. Busy Line Interrupt (BLI) and Busy Line Verification Service (BLV)

When a customer orders BLI or BLV Services the customer shall, in its order provide the projected interstate percentage for terminating use in a whole number (a number of 0 to 100) for each BLI or BLV Service Group ordered. The Company will derive the number by subtracting the projected interstate percentage provided by the customer from 100 (100 - customer percentage - Intrastate percentage) as the projected intrastate percentage of use.

E. Dedicated Signaling Transport (DST) Service and Line information Data Base (LIBD) Validation Service.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.2 Initial Jurisdictional Report Requirements (Cont'd.)

F. Entrance Facilities and Direct Trunk Transport Facilities

When a customer order Entrance Facilities and / or Direct Trunk transport Facilities the customer shall in their order provide to the Company the projected interstate percentage of use (PIU) in a whole number (a number of 0 through 100) for each Entrance facility and a separate PIU for each Direct-Trunked Transport Facility. These PIU factors will account for both the originating and terminating traffic of all services using these facilities. The Company will derive the projected intrastate PIU by subtracting the projected interstate percentage from 100 (100 - customer percentage = intrastate percentage).

At the customer's option, a LATA-level PIU Factor may be provided for all Entrance Facilities or for all Direct-Trunked Transport facilities provided in the LATA. These PIU factors will account for both the originating and terminating traffic of all services using these facilities within the LATA. The specified percentage will be applied to all Entrance Facilities or to all Direct-Trunked Transport Facilities within the LATA.

The Entrance Facility and the Direct-Trunked Transport Facility PIU must be provided to the Company upon ordering the service and thereafter on a quarterly basis. Provisions for updating the interstate jurisdictional report are set forth in Section 2.12.4, following will apply.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.2 Initial Jurisdictional Report Requirements (Cont'd.)

G. Tandem-Switched Transport

For each tandem-Switched transport minute of use provided to the customer, rates and charges will be apportioned by the company between interstate and intrastate based upon the PIUs used to apportion the rates and charges for tandem routed feature group Minutes of Use (MOU) as set forth in Section 2.12.2(A., and (B. preceding.

H. Expanded Interconnection

When a customer order a Cross-Connect Termination to Direct-Trunked Transport at a service wire center, end office or tandem switch, for which no Cross-Connect Termination Service PIU has been previously reported, the customer shall, in its order, provide to the Company the Projected Interstate Percentage of Use (PIU) in a whole number (a number 0 through 100) for each Cross-Connect Termination to Switched Access services. This PIU factor will account for both the originating and terminating traffic of all Switched Access Services using these terminations. The Company will derive the projected intrastate PIU by subtracting the projected interstate percentage provided by the customer from 100 (100- customer percentage = intrastate percentage).

The Cross-Connect Termination PIU must be provided to the Company upon ordering service, and thereafter, on a quarterly basis. Provisions for updating the interstate jurisdictional report as specified in Section 2.12.4, following, will apply.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.2 Initial Jurisdictional Report Requirements (Cont'd.)

I. Signaling for Tandem Switching.

When a Tandem Switching Provider (TSP) orders Signaling for Tandem Switching, the TSP shall provide to the Company Signaling for Tandem Switching PIU in a whole number (a number from 0 to 100). The Company will derive the projected intrastate PIU by subtracting the projected interstate percentage provided by the customer from 100 (100- customer percentage = Intrastate percentage).

At the Customer's option, a letter on File which specifies the PIU for Signaling for Tandem Switching may be provided to the Company. The letter on file will be used by the Company to develop the projected intrastate percentage.

The Signaling for Tandem switching PIU must be provided to the Company upon ordering service, and thereafter, on a quarterly basis. Provisions for updating the interstate jurisdictional as specified in Section 2.12.4. following will apply.

When a TSP orders Entrance facilities or Cross-Connect Terminations and Direct-Trunked Transport Facilities for use with Signaling for Tandem Switching, for which no PIU has been previously reported, the TSP shall, in its order provide to the Company the projected PIU for each Entrance Facility as specified in Section 2.12.2.F. and Section 2.7.2.H. as applicable.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.3 Projected Intrastate Percentage

The projected intrastate percentage of use for originating and terminating access minutes is obtained by subtracting the interstate percentage from 100.

2.12.4 Jurisdictional Reports Updates

The customer shall update the projected interstate jurisdictional report, effective the first day of each quarter, i.e., January, April, July, and October. The customer shall forward a revised report to the Company to be received no later than twenty (20) days after the first of each quarter. The revised report should show the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for intrastate use.

The revised report will serve as the basis for the next three months billing and will be effective on the next bill date for that service. No prorating or back billing will be done based on the report. If the customer does not supply the reports, the Company will assume the percentages to be the same as those from the last quarterly report, with the exception of originating 700 Access Service. The Company until notified differently will designate for originating 700 Access Service a PIU factor of 41% that is effective from the first date the customer takes service. If no quarterly report has ever been received from the customer, the Company will assume the percentages to be the same as those provided in the order for service.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.5 Jurisdictional Report Verification

The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained and, upon request of the Company, make the records available for inspection. Such a request may be initiated by the Company on behalf of the Public Utilities Regulatory Authority no more than once per year. The customer shall supply the data within 20 calendar days of the Company's request.

2.12.6 Special Access Jurisdictional Reporting

When a customer orders Special Access Service under this tariff, the customer shall supply the projected intrastate percentage as 100.

2.12.7 Revisions to Existing Line or Trunk Groups

Except where the Company measured access minutes are used to determine intrastate usage, the customer reported interstate percentage of use will be used until the customer submits a revised projected interstate percentage for an in-service end office.

When the customer adds or discontinues lines or trunks to an existing end office or Company Access Tandem, the customer shall furnish a projected interstate percentage that applies to the remaining lines or trunks. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.8 Determination of Common Line Charges

After adjustments as set forth in Section 2.12.4, preceding, have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

- A. Access Minutes for all rated Switched Access Service subject to Carrier Common Lines and Marketing Expense charges will be multiplied by the Common Line Access per minute rates as set forth in Section 10.4.3, following.
- B. Terminating Common Line access per minute charges Apply to:
 - all terminating access minutes of use
 - all originating access minutes of use associated with calls places to 700, 800 and 900 numbers, less those originating access minutes if use associated with calls placed to 700, 800 and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line and Marketing Expense Charges.

When the customer makes this report available to the Company in advance of billing, these minutes of use will be charged in the current bill as originating minutes of use as set forth in 2.12.8.D., following.

If a billing dispute arises concerning the customer provided report, the Company will request the customer provide the data the customer used to develop the report. The customer shall supply the data within 30 days of the Company's request for the information. If the customer fails to provide the requested data within 30 days, the Company will apply originating access charges.

ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.12 Switched Access Service Used for Both Interstate and Intrastate Applications (Cont'd.)

2.12.8 Determination of Common Line Charges (Cont'd.)

B. (Cont'd.)

When this report is not available to the Company until after billing, it shall be used by the Company to calculate and post a credit or debit to the customer's account. The credit or debit shall be posted to the customer's account within 30 days of the receipt of the report. The credit or debit shall be calculated by multiplying the number of access minutes of use, for which a credit or debit is determined to be applicable, times the difference between the terminating and originating Carrier Common line Charges in effect when the calls were completed.

If the customer does not supply the monthly reports, the Company will assume the common line percentages to be the same as those provided in the last monthly report. No prorating or back billing will be done based on the report.

For those cases in which a monthly report has never been received from the customer, then originating per minute access charges will apply to all 700, 800 and 900 calls.

C. The originating Common line access per minute charge(s) to:

- All originating access minutes of use;
- less those originating access minutes of use associated with calls placed to 700, 800 series and 900 numbers
- plus all originating access minutes of use associated with calls placed to 700, 800 series and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminating Switched Access Service that is assessed.

D. End office Line Port Charges Apply to :

An End Line Port is required for the line termination of Feature Group A and WATs Access Lines. The End Office Lines Port will be assessed on a flat monthly basis to the Feature Group A and the WATs Access Line customer

for each equipped line. This charge is set forth in Section 4.3.11.

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SECTION 3 - ORDERING REGULATIONS

3.1 General

The section sets forth the regulations and order related charges for ordering Access Service.

An Access Order is used to provide a customer with Access Service or to make changes to existing Access Services.

A Customer may order any number of services or the same type between the same premises in a single access order. All details for services for a particular order must be identical except for multipoint service.

Available inventory is limited and does not include facilities previously ordered. The Company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with a customer's requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

Except as provided below, the Company shall permit a requesting telecommunications carrier to commingle an unbundled network element or a combination of unbundled network elements with wholesale services obtained from the Company, to the extent provided by a subject to the terms and conditions of the requesting telecommunication's carrier's interconnection agreement with the Company (or, if applicable, of the Company's intrastate tariffs).

The Company need not provide access to (1) an unbundled DS1 loop in combination or commingled, with a dedicated DS1 transport or dedicated DS3 transport facility or service, or to an unbundled DS3 loop in combination or commingled, with a dedicated DS3 transport facility or service, or (2) an unbundled dedicated DS1 transport facility in combination or commingled with an unbundled DS1 loop or a DS1 Channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with a unbundled DS1 loop or a DS1 Channel Termination service or to an unbundled DS3 loop or a DS3 Channel termination service, unless the requesting carrier certifies that all of the following conditions are met:

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.1 General (Cont'd.)

- 3.1.1 The requesting carrier has received state certification to provide local voice service in the area being served or in the absence of a state certification requirement has complied with registration, tariffing, filing fee and / or other regulatory requirements applicable to the provision of voice service in that area.
- 3.1.2 The following criteria are satisfied for each combined circuit, including each DS1 circuit, each DS1 combined circuit and each DS1 equivalent circuit on a DS3 facility.
- A. Each Circuit to be provided to each end user customer will be assigned a local number prior to the provision of service over the circuit.
 - B. Each DS1-equivalent circuit on a DS3 facility must have its own local number assignment, so that each DS3 must have at least 28 local voice numbers assigned to it.
 - C. Each circuit to be provided to each end user customer will have 911 or E911 capability prior to the provision of service over that circuit.
 - D. Each circuit to be provided to each end user customer will terminate in a collocation arrangement that meets the requirements detailed below.
 - E. Each Circuit to be provided to each end user customer will be service be an interconnection trunk that meets the requirements detailed below;
 - F. For each 24 DS1 combined circuits or other facilities having equivalent capacity, the requesting telecommunications carrier will have at least one active DS1 local service interconnection trunk that meets the requirements detailed below;
 - G. Each circuit to be provided to each end user customer will be service be a switch capable of switching local voice traffic.

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SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.1 General (Cont'd.)

3.1.3 A collocation arrangement meets the requirements in D. if its:

- A. Established pursuant to section 251(c)(6) of the act and located at the Company's premises within the same LATA as the customer's premises, when the Company is the not the collocator
- B. Located at a Third party's premises within the same LATA as the customer's premises, when the Company is the Collocator.

An interconnection trunk meets the requirements of E. and F. above in this certification if the requesting telecommunications carrier will transmit the calling party's number in connection with calls exchanged over the trunk is located at the same LATA as the customer premises served by the DS1 circuit.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.2 Provision of Basic Customer Information

The customer shall furnish all information necessary for the Company to provide and invoice for the requested service. In addition to the service-specific ordering information set forth in Section 3.6, the customer shall provide:

- 3.2.1 The customer or End-User name(s) and premises address(es) where service(s) will be terminated.
- 3.2.2 The billing name and address (when different from the customer name and address), and
- 3.2.3 The customer contact name(s) and telephone number(s) for the following provisioning activities:
 - order negotiation and confirmation
 - interactive design
 - installation and
 - billing

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.3 Access Order Service Date Intervals

The date on which the Company receives a firm order commitment from the customer and sufficient information to allow processing of an access Order is referred to as the Application Date or the Order Date. The customer is advised of the Application Date at the time the Company gives the customer a firm order confirmation

To the extent that the requested Access Service can be made available with reasonable effort, the Company will provide the service in accordance with the Customer's requested interval or requested service date.

The time required to provision the (i.e., the interval between the Application Date and the Service Date) is known as the service interval and is established by the Company.

Schedules that specify installation intervals will also specify the services and quantities of the services that can be provided as specified in Section 3.3.1.B and C. The Company will adhere to the intervals as specified in Section 3.4.2.A except during circumstances beyond its control (i.e., acts of God, government requirements work stoppages and civil commotions) Standard Intervals only apply when the facilities and equipment are available.

Access Services will be installed during Company business days. If a customer requests that installation be done outside of normally scheduled work hours and the Company agrees to this request, the customer will be subject to applicable charges describe in The Southern New England Telephone Company's Connecticut Access Service Tariff, Section 6.7 (Additional Labor).

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.3 Access Order Service Date Intervals

3.3.1 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 ordered exceeds the quantities specified in Section 3.4.2, following
- C. The customer requests a service date beyond the applicable standard interval service date.

Standard Intervals

Analog / Voice Grade / DS0	10 days
DS1	9 days
DS3	15 days

The Company will offer a service date based in the type and quantity of Access Service the customer has requested. The negotiated interval may not exceed by more than six months the standard interval service date, or, when there is no standard interval, the Company offered service date.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications

The customer may request a modification of an Access Order at any time prior to notification by the Company that service is available for the customer's use. The Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Company will notify the customer. If the customer still desires the access order modification, the Company will schedule a new service date. All charges for access order modifications will apply on a per order, per occurrence basis.

Any increases in the number of Special Access or Switched Access Service lines, trunks, capacity, Directory Transport facilities or STP Port terminations will be treated as new Access Order. The new order is for the increased amount only.

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made being incurred by the customer.

An order modification charge will apply on a per order per occurrence basis for each access order modified. The applicable charge is:

Rate and charges for Design Change Charge is set forth in Section 10.5, following.

3.4.1 Service Date Change Charge

Access Order Service Dates for the installation of new services or rearrangements of existing service may be change, 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 cannot accept the service for a period not to exceed 30 calendar days and the Company delay the start of service accordingly, a Service Date Change Charge will apply. If the customer requested service date is more than a thirty (30) calendar days after the original service date change, the order will be cancelled by the Company and reissued with the appropriate cancellation charges applied. However, for Special Access, the customer may indicate that the Company may start billing for the service on the thirty-first (31st) day beyond the original service date of the Access Order.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.1 Service Date Change Charge (Cont'd.)

A new service date may be established that is prior to the original service date if the Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Company that Expedited Order Charges as set forth in Section 3.4.2 will apply. Such charges will apply in addition to the Service Date Change Charge.

Service Date Change Charge will apply, on a per order per occurrence basis for the each service date changed. The applicable charge is:

Rate and charges for Design Change Charge is set forth in Section 10.5, following

3.4.2 Expedite Charges

- A. Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service

If a customer desires that service be provided on a due date earlier than the standard interval, the customer may request that service be provided on an expedited service interval. To qualify for an expedited interval the customer may provide End User premises access, where needed until 11 pm (ET), Monday through Friday.

If, upon reviewing availability of equipment, facilities and scheduled workload, the Company agrees to provide service on an expedited basis and the customer accepts this proposal, an Expedited Order Charge (in the case of Analog, DS0, Voice Grade / DS1 Entrance facilities and High Capacity DS3 Access Services) will apply.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- A. Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service (Cont'd.)

The maximum number of circuit that may be expedited is limited to twelve (12) two-point or six (6) multipoint analog / DS0 circuits at the same location; a limit of four (4) DS1 circuits at the same location and a limit of one (1) DS3 circuit at the same location. When the number of access circuits exceeds the maximum threshold the service interval will be negotiated.

If the Company determines that services can be provided on an expedited basis, the following charge will apply based on the agreed upon expedited service interval. The Expedited Order Charge (in the case of Analog, DS0, Voice Grade / DS1 Entrance Facilities and High Capacity DS1 Access Services) applies on a per order basis, regardless of the number of circuits on the order. The Expedited Circuit Charge (in the case of DS3 Entrance Facilities and High Capacity DS3 Access Services) applies on a per circuit basis.

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SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- A. Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service (Cont'd.)

Analog / Voice Grade / DS0 Access Service	
Expedited Service Interval	Expedited Order Charge
9 Days	\$ 375.00
8 Days	\$ 425.00
7 Days	\$ 475.00
6 Days	\$ 525.00
5 Days	\$ 575.00
4 Days	\$ 625.00
3 Days	\$ 675.00

DS1 Access Service	
Expedited Service Interval	Expedited Order Charge
8 Days	\$ 425.00
7 Days	\$ 475.00
6 Days	\$ 525.00
5 Days	\$ 575.00
4 Days	\$ 625.00
3 Days	\$ 675.00

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SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- A. Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service (Cont'd.)

High Capacity DS3 Access Service	
Expedited Service Interval	Expedited Order Charge
9 Days	\$ 375.00
8 Days	\$ 425.00
7 Days	\$ 475.00
6 Days	\$ 525.00
5 Days	\$ 575.00
4 Days	\$ 625.00
3 Days	\$ 675.00

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SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- A. Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service (Cont'd.)
1. In addition to Expedite Order Charges or Expedited Circuit Charges, special construction charges may apply, if the Company determines that additional cost will be incurred.
 2. If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Service Order Charge or Expedited Circuit Charge will apply, unless the missed service date was caused by the customer.
 3. The Company will adhere to the expedited intervals as specified above, except during circumstances beyond our control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).
 4. When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as specified in Section 3.4.1, preceding, also applies.

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SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- B. For all Access Services, excluding Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service

If the customer desires that the service be provided on an earlier date than that which has been established for the Access Order or the provision of the Access Service, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested date and that additional labor costs or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional costs involved. The total charge to the customer for the additional engineering may not exceed the estimated amount be more than 10%. If the customer instructs the Company to proceed, such additional charges will be billed as follows:

To calculate the additional labor charges, the Company will upon authorization from the customer to incur additional labor charges used to meet the request of the customer and will bill the applicable labor charges as set in the Southern New England Telephone Company's Tariff Connecticut Access Tariff Section 6.7.

1. Extraordinary Costs: The Special construction terms and conditions specified in the Southern New England Telephone Company's Tariff No. 35, will be used by the Company to determine charges to recover the extraordinary costs that may be involved. Authorization to incur the costs and to bill the customer will be in accordance with the terms and conditions of the Southern New England Telephone Company's Tariff No. 35.
2. When a request for expediting occurs subsequent to the issuance of the Access Order, A Service Date Change Charge as set forth in Section 3.4.1, preceding, also applies.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.4 Access Order Modifications (Cont'd.)

3.4.2 Expedite Charges (Cont'd.)

- B. For all Access Services, excluding Analog (Voice Grade), DS0 (Digital Data), Entrance Facilities (Voice Grade, DS1 DS3) and High Capacity (DS1, DS3) Access Service
3. If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge or Expedited Circuit Charge will apply, unless the missed service date was caused by the customer.
 4. The Company will adhere to the expedite intervals as specified above, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).

3.4.3 Design Change Charge

The Company will review the requested change, notify the customer whether the change constitutes a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Company to proceed with the design change, a Design Change Charge will apply on a per order, per occurrence basis for each order requiring a design change.

If a change of service date is required, the Service Date Change Charge as set forth in Section 3.4.1 preceding will also apply.

- A. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access Only), type of interface, type of Interface Group or technical specification package, The Design Change Charge applies on a per order, per occurrence basis for each design change, as follows:

Rate and charges for Design Change Charge is set forth in Section 13, following

- B. Design changes do not include a change of customer premises, end user premises, end office switch, Switch Transport Feature Group type, or Switch transport Capacity or Special Access Service Channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges.

(C)

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.5 Cancellation of an Access Order Modifications (Cont'd.)

Cancellation charges are applicable when (1) a customer cancels an Access Order for the installation of service at any time prior to notification by the Company that service is available for the customer's use, and (2) a customer requests a decrease in the number of order Special Access service channels, Switched Access Service lines, trunks, capacity, Directory Transport capacity or STP Port Terminations. The latter will be treated as a partial cancellation.

3.5.1 Cancellation Date

The cancellation date is the date the Company receives written or verbal notice from the customer that the order is to be cancelled. A verbal notice must be followed by written conformation within 10 days. If a customer or customer's end user is unable to accept access service within thirty (30) calendar days after the original service date, the customer has the choice of the following options:

- cancelling the Access Order with the application of cancellation charge, or

3.5.2 Cancellation Charge

When a customer cancels an Access Order for the installation of service a Cancellation Charge will apply as follows:

- A. Installation of Switched Access service facilities is considered is considered to have started when the Company incurs any costs in connection therewith or in preparation thereof which would not otherwise have been incurred.
- B. Where the customer cancels an Access order prior to the start of installation of access facilities no charges shall apply.
- C. Where installation of access facilities has been started prior to the cancellation, the charges specified in (1) or (2) following, whichever is lower, shall apply.
 - 1. A charge equal to the costs incurred in such installation, less net salvage. Such charge determined as detailed in D., following.
 - 2. The charge for the minimum period of Switched Access ordered by the customer.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.5 Cancellation of an Access Order Modifications (Cont'd.)

3.5.2 Cancellation Charge (Cont'd.)

- D. Charges applicable as specified in C.1. preceding include the non-recoverable cost of equipment and material ordered, provided or used plus the non-recoverable cost of installation and removal including cost of engineering, labor, transportation, rights-of-way and other associated costs.
- E. When a customer cancels an order for the discontinuance of service no charges apply for the cancellation.
- F. If the Company misses a service be more than thirty (30) days except due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotions, the customer may cancel the Access Order without incurring cancellation charges.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information

If a PIU is required, the customer must provide its PIU when placing an order for Access Services in accordance with Section 2.12.2, preceding of this tariff.

3.6.1 Switched Access Service

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

A. Switched Transport and Directory Transport Services

When a customer orders Switched Transport and Directory Transport, the customer may designate one line side or trunk side Switched Access Service as specified in 3.6.1.B, C, D and 3.6.3 following, that will use the transport facility. When the customer orders Switched Transport or Directory Trunk Transport and specifies that the facility is to be interconnected to another transport facility, the customer must specify compatible interface. (C)

The minimum information required to order Switched transport or Directory transport is set forth on (1) through (3) following. Such information is in addition to the information required to order line side or trunk side Switched Access or Directory transport as specified in 3.6..B, C, D and 3.6.3 following as applicable.

1. Entrance Facility

- a. The customer premises.
- b. The connection type (i.e., voice grade, DS1 or DS3).
- c. The Switched Transport optional features, if desired (including multiplexing).
- d. Multiplexing is required if the entrance facility connection type is different from the Direct Trunked Transport connection type or, if the Entrance Facility contains Tandem Switched Transport to more than one access tandem.

If the Entrance Facility is existing, the customer must provide the information as set forth in 3.6.1.B though D following.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.1 Switched Access Service (Cont'd.)

A. Switched Transport and Directory Transport Services (Cont'd.)

2. Direct-Trunked Transport

- a. The connection type (Voice Grade, DS1, or DS3)
- b. If multiplexing is requested, the customer must specify each Hub Location where the multiplexer or multiplexers are to be installed.
- c. The Entrance Facility to which the Direct Trunked Transport Facility is interconnected. The Entrance Facility must be equal or greater in capacity that the Direct-Trunked Transport and must also have a compatible interface. If the Entrance Facility is new additional information as set forth in Section 3.6.1.A.1 or 2 is also required.
- d. Multiplexing is required if the Direct Trunked Transport connection type is different from the Central Office Switch or if the Direct Trunked Transport facility contains trunks to more than one central office switch.

If the Direct-Trunked Transport Facility, the Entrance Facility is existing, the customer must provide the information as set forth in Section 3.6.1.B. through D., following as applicable.

With Direct-Trunked Transport Facility or DA Direct Trunked Transport to a Company Access Tandem, Tandem Switched Transport or Tandem Switched Directory Transport is not required to be ordered from the Company access to the end office.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.1 Switched Access Service (Cont'd.)

B. Feature Group B (FGB).

1. The number of Trunks
2. The end office when direct routing to an end office.
3. The Company access tandem switch when the routing via a Company access tandem switch.
4. The Switched Transport and / or local Switching options desired, if any.

C. Feature Group D (FGD).

1. The number of trunks
2. When direct Routing to the end office, the end office.
3. When routing via Company access tandem switch, (a) the Company access tandem switch and (b) an estimate of the amount of traffic it will generate to and / or from each end office subtending the Company access tandem, to assist the Company in its own efforts to project further facility requirements.
4. The traffic type must also be specified using to enable efficient provisioning and billing functions.
5. The Switched Transport and Local Switching Options desired, if any.
6. If a new Switched Transport Facility is specified, additional information is required. If an existing Switched Transport facility is specified, such facility must have a compatible interface and available capacity to install the FGD service. In addition, the customer must also specify the connecting facility assignment to the FGD being installed.
7. When routing the traffic via Tandem Switching Provider (TSP) Switch (a) the TSP Tandem Switch and trunk identification code and (b) a letter of authorization indicating that the TSP has agreed to transport the customer's traffic.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.1 Switched Access Service

D. Switched Access Service Traffic Engineering Responsibilities

When Switched Access Service is ordered the customer is responsible to assure that sufficient access facilities has been ordered or handle its traffic.

Determining Number of Trunks - The required number of trunks may be determined by the customer in the following manner for each end office and / or access tandem the customer wishes to serve:

- Determine the greatest number of trunks in use for a single hour, i.e., the busy hour.
- Select the 20 consecutive business days in a calendar year which add up to the largest number of trunks in use during the busy hour.
- Determine the average number of busy hour trunks by dividing the largest number of trunks in use figure by 20.

3.6.2 Switched Access Service to a Remote Switching Office

When a customer desire Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and / or from a remote switching office must be provide information to the Company which includes the traffic distribution to the remote office controlled be the host remote.

3.6.3 Directory Assistance (DA) Service

DA can be utilized with FGB or FGD switched Access Service. For Direct-Trunked Transport of Directory Assistance utilizing FGB or FGD directly to the DA location the customer shall specify the number of trunks required from the customer premises to the DA location. If the DA Service is to be associated with FGB or FGD Tandem-Switched Transport, the customer shall also specify which FGB or FGD Trunk group is to be associated with the DA Service, The customer shall specify the Directory Transport options. The customer shall also specify the Percent Interstate Use (PIU).

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.3 Directory Assistance (DA. Service (Cont'd.)

When Directory Assistance Service is ordered, the customer must specify if new or existing Directory Direct-Trunked Transport services are to be used. If new Directory Transport services are to be used, addition information as set forth in 3.6.1.A. is also required. If an existing Directory Transport Facility is specified, such facility must have a compatible interface must have interface and available capacity to install the service, The customer must also specify the connecting facility assignment for the services ordered.

3.6.4 500 Access Service, 800 Database Access Service and 900 Access Service

The customer shall order in the same manner which is set forth preceding for ordering FGD. For 500 Access Service or 800 Database Access Service, the customer shall order in trunks through designated Company Access Tandems. For 900 Access Service, the new NXX(s) are to be opened in the LATA, or when the existing NXXs are to be deleted and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. If the change is to occur absent the requirement for additional capacity (i.e., quantities or trunks), the customer shall notify the Company of the change as set forth in Section 4. All 500, 800 Series and 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

For 800 Database Access Service, the customer must also specify whether the 800 Series to POTs number translation optional feature is desired, If this feature is ordered, the customer will have no way of determining that such calls originated as 1-800 Series NXX-XXXX dialed calls unless the customer also orders the Automatic Number Identification (ANI. optional feature as specified in Section 6 of the of the Company's Interstate Access Tariff.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.5 Dedicated Signaling Transport (DST)

For DST, the customer provide the following information to the Company at the time of ordering: the number of STP Access Mileage 56 Kbps links, the originating point code for the customer's designated premises, the Common Language Location Identifier (CLLI. code of the Company Signaling Transfer Point, Link Type, the customer designated premises telephone number, the contact telephone number for installation and maintenance of the customer's designated premises and the desired due date of the order.

When ordering DST the customer will provide an estimate of total annual volume and busy hour month volume projected for a period of three years. The forecast must be itemized by message type and CCS /SS& Octet. Octet load must be High Day Busy Hour. The Company will utilize this forecast to project further facility requirements. An updated forecast providing an estimate of total annual volume and Busy Day Hour Busy Month volume projected for the Company period of three years should be provided to the Company every year thereafter. The updated forecast shall be provided to the Company during the month of January every year.

3.6.6 Feature Group D with Signaling System Seven (SS7) Signaling

For Feature Group D Switched Access Service with the SS7 Signaling Option, in addition to information listed in Section 3.6.1.C., preceding, the customer shall specify a reference to existing signaling connections or reference to a related DST Signal Connection order. The customer must also specify any SS7 Common Switching optional features as described in Section 4.2.2.A, following. For Feature Group D Trunks ordered with SS7 signaling, the customer shall provide STP point codes, switching point codes trunk circuit identification codes and switch type., FGD with SS7 Signaling will be offered to customers as it becomes available and as facilities and resources permit and will be provided as mutually agreed upon by the Company and the customer based on the availability from the customer's location to the Company Tandem or end office.

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING REGULATIONS (CONT'D.)

3.6 Service Specific Ordering Information (Cont'd.)

3.6.7 Line Information Data Base (LIDB).

For LIDB Validation Service, the customer shall provide a LIDB Access Service Order which specifies the originating point codes (OPCs) of the customer's designated Operator Service System (OSS) sending a query or queries and the desired due date of the order.

Customer may obtain LIDB Validation Service through a CCS7 transport service provider that has previously ordered DST and LIDB Validation Service from the Company.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE

4.1 Description

4.1.1 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.

4.1.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.1 Description (Cont'd.)

4.1.2. 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

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.1 Description (Cont'd.)

4.1.3. 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 to the end office or via an access tandem), as specified in Sections 4.2, 4.3 and 4.4, 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).

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.1 Description (Cont'd.)

4.1.4. 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.

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories

4.2.1 General

- A. The functional components of switched access feature groups are local transport, local switching, and carrier common line, as described in Section 4, preceding.

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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 4.4.9, following.
 - 1. Notwithstanding, Section 4.2.2.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 4.4.9 as appropriate.

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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 pass through 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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 4.2.2 - 1 through 4.2.2.-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. Compatibility and interface requirements for use of switched access interface 9 are in accordance with the guidelines set forth in CB119 / TA34.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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)

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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 4.2.4.D, following

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.2. 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 Company SS7 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 longer permitted and that it must order CCSA links to each STP pair in the LATA.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.3 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 terminations 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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 end 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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 4.2.4.D, following.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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 be 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.

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.4 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.5 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.6 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.7 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.7 Local Switching Optional Features - SS7 Signaling Options (Cont'd.)

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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.7 Local Switching Optional Features - SS7 Signaling Options (Cont'd.)

- 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.2 Switched Access Rate Categories (Cont'd.)

4.2.8 Carrier Common Line

Carrier Common Line Access is provided when a customer obtains Switched Access Service under this tariff. Carrier Common line access provides for the use of Telephone Company Common Lines by customers for access to end users to furnish intrastate communications. There are two types of Carrier Common Line Access Service rates elements: Carrier Common Line Access Charges, Marketing Expense Charges.

Separate rates and charges for Carrier Common line Access and Marketing Expense apply to originating and terminating minutes.

The determination of terminating and originating Carrier Common Line and Marketing Expense minutes is subject to rules as set forth in Section 2.12.H, preceding.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access

4.3.1 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.1 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.

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SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.1 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 4.2.4.A and 4.2.4.B, 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.1 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.1 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 4.2.2, preceding.

M. WATS Access Line Service termination Optional Features

1. Answer Supervision

2. E&M Supervisory Signaling

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 to 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 SS7 signaling 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.2. 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.3. 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 4.4.4, 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 SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.3. 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

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.3 Description of Switched Access (Cont'd.)

4.3.3. 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 the 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company

4.4.1 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.

4.4.2 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.2 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.

4.4.3. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.3. 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 layout 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.4 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.

4.4.5 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 4.5.2, following.

4.4.6 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.7 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 than 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 be 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 traffic 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 of 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.7 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 does 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.7 Design Blocking Probability (Cont'd.)

D. Excessive Trunk Group Blocking (Cont'd.)

1. Chargeable Thresholds for Trunk Group Specified in Exhibit 4.4.7-1

- 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 4.4.7.-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

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.7 Design Blocking Probability (Cont'd.)

EXHIBIT 4.4.7 -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

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.7 Design Blocking Probability (Cont'd.)

EXHIBIT 4.4.7 -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

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.8 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 the 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.8 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.8 Measuring Access Minutes

F. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.9 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 4.2.2. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.9 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 4.4.2, 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.4 Responsibility of the Telephone Company (Cont'd.)

4.4.9 Determining Mileage Measurement

B. Excepts to Mileage Measurement Rules (Cont'd.)

3. 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.
4. 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.
5. 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.5 Obligations of the Customer

4.5.1. 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.

4.5.2. 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 4.4.5, preceding.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.5 Obligations of the Customer

4.5.3. Supervisory Signals

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

4.5.4. 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.

4.5.5. 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 4.1.4., 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs)

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation of new services or rearrangements of installed services).

1. Installation of Service

- a. For switched access service which is ordered on a per line basis, the local switching NRC is applied per line or trunk.
- b. For switched access service which is ordered on a BHMC basis, the local switching NRC is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of additional trunks.
- c. The NRC for CCSA STP links is applied per link connection.
- d. NRCs will apply for the initial installation of an entrance facility and, if applicable the initial installation of channel mileage mid link and multiplexer. For each entrance facility of the same type (i.e., voice grade or DS1) ordered at the same time, for the same date and from the same customer premises to the same serving wire center, the channel termination NRC will apply on a first and additional basis.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

2. Installation of Optional Features

If a separate NRC applies for the installation of an optional feature, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

3. Service Rearrangements

Service rearrangement are changes to existing installed which do not result in either a change in the minimum requirements as set forth in Section 2 or a change in physical location of the point of termination at the customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as discontinuances of existing service, and installations of new service, as specified in Section 4.6.3.F, following. Changes in physical location of the point of termination are treated as moves, as specified in Section 4.6.3.E. The charge to the customer for the service rearrangement is dependent on whether the change is administrative only or involves an actual physical change to the service. The following administrative changes will be made without charge to the customer.

- a. Change in customer name.
- b. 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.
- c. Change in billing data [name, address or contact name or telephone number].
- d. Change in agency authorization.
- f. Change in billing account number.
- g. Change in customer test line number.

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

3. Service Rearrangements (Cont'd.)

h. Change of customer or customer's end user contact name or telephone number.

i. change of jurisdiction

j. If, due to the technical limitation of the Telephone Company, it was impossible to combine 800 access service or 900 access service traffic with the customer's other trunk side switched access services, no charge will be applied to combine the trunk groups when it becomes technically possible.

k. To redirect traffic from direct routed for 800 data base service, where the service is initially available at the end offices subtending a tandem to which customers have redirected their 800 traffic, customers will be allowed to rearrange their 800 traffic from tandem routed to direct routed at no charge provided the same customer premises is maintained.

l. Change in billing option within the same access tandem from tandem switched transport to direct trunked transport or vice versa.

4. All Other Service Rearrangements - will be charged as follows.

a. If the change involves the addition of an optional feature which has a separate NRC, that NRC will apply.

b. If the change involves a modification to a FGB or FGD to include initial provision of 900 access services in addition to non 900 access services traffic, the local switching NRC will apply for service rearrangements in the existing trunks.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

4. All Other Service Rearrangements (Cont'd.)

- c. Subsequent to the initial installation of 900 access services, any change involving the addition or deletion of a 900 NXX code will be subject to the applicable switched access rates.
- d. If the change involves the rearrangement of existing switched access services from one interface group to another (i.e., change a digital group to one capable of a greater bit rate), a digital to digital rearrangement charge will apply. No charge applies to the individual switched services provided within the interface group unless the customer changes the service type or changes only a portion of the individual services from interface group to the other, in which case, the appropriate NRC for each change will apply.
- e. For all other changes, including the addition of or modification to, optional features without separate NRCs, a charge equal to the local switching NRC will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

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ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

4. All Other Service Rearrangements (Cont'd.)

- f. In the event that a customer who does not provide operator assistance for its end users requests a change in its designated operator services traffic arrangement, a service rearrangement charge will apply. A first TOPS office rearrangement charge will apply for the first TOPS office affected by the change, and an additional TOPS office rearrangement will apply for each additional TOPS office affected if ordered at the same time and for the same date.
- g. If the change involves the conversion of existing FGD services with multifrequency address signaling to FGD with SS7 signaling option, a rearrangement charge will apply for the first trunk converted and an additional trunk rearrangement charge for each additional trunk ordered and converted at the same time.
- h. If the change involves a change of point code on FGD with the SS7 signaling option, a rearrangement charge will apply on a first and additional basis for all orders placed at the same time, between the same two points and for the same due date.
- i. If the change involves the rearrangement of an existing Company provided switched access service FGB or FGD into a Company provided switched access service under a collocation arrangement, or from one Company provided collocation arrangement to another within the same Company serving wire center, access tandem or remote node a rearrangement charge will apply for each service.

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SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

4. All Other Service Rearrangements (Cont'd.)

- j. if the change involves the rearrangement of a Company provided access under FGB or FGD provided under a collocation arrangement to a Company provided switched access service, a rearrangement charge will apply for each service reconfiguration.

5. Moves

A move involves a change in physical location of the point of termination at the customer's premises, or a change in the physical location of the customer premises. The charges for the move are dependent on whether the move is to a new location within the same building to a different building.

a. Moves Within the Same Building

When a move is to a new location within the same building, the charge for the move will be the local switching NRCs for the capacity affected.

b. Moves to a Different Building

Moves to a Different Building, will be treated as a discontinuance and start of service and all associated NRCs 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.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.1 Description of Rates and Charges (Cont'd.)

C. Nonrecurring Charges (NRCs) (Cont'd.)

6. Discontinuances of Existing Service and Installations of New Services Changes from one type of feature group to another, including changes to dedicated 800 access service trunks or 900 access service trunks, will be treated as a discontinuance of type of service and a start of another. Full NRCs (i.e., installations) will apply, with the following exceptions:

- a. When a customer upgrades from a switched access service Feature Group to FGB or FGD service, the NRC will not apply if the following conditions are met.
 - i. The same customer premises is maintained and,
 - ii. The orders for disconnect of the FGB service and the start of the FGD service are placed with the Company at the same time, and
 - iii. The customer requests the same effective date for both the disconnect of service and start of service orders. When the effective dates for the disconnect and start of service are the same, the 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 to the FGD.. When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for FGD service.
- b. For all other changes from one type of feature group to another, new minimum period obligations will also be established.

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SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.2 Rate Periods

- A. Local transport termination, local transport facility tandem switching interconnection and local switching rates are subject to time differentiation (time periods). When usage begins in one rate period and ends in another the rates in effect for the rate period in which such usage began will apply until rate period specific billing can be implemented.
1. Peak Rates apply Monday through Friday 9AM to, but not including, 9PM.
 2. The off-peak discounts applies Monday through Thursday 9PM to, but not including 9AM, and from Friday 9PM to, but not including 9AM Monday.
 3. On Christmas Day (December 25) New Years Day (January 1), Independence Day (July 4), Thanksgiving Day (the fourth Thursday in November) and Labor Day, the holiday discount is the Off-Peak Rate.

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SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.3 Application of Local Transport Rates

- A. The local transport termination rate is applied per minute of use.
- B. The local transport facility rate is applied per mile, per minute of use. When the local transport facility mileage is zero (i.e., the end office switch or WSO, as appropriate and the customer's serving wire center are collocated), the local transport facility rate does not apply.
- C. The tandem switching rate is applied per minute of use.
- D. The interconnection charge is applied per minute of use.
- E. For the direct trunked transport, the channel mileage applies on a fixed and a per mile monthly basis.
- F. When the direct trunked transport is provided to an end office which is a host office, in addition to the appropriate channel mileage monthly rate, the customer will be billed the local transport termination rate on a per minute of use basis and the local transport facility rate on a per mile per minute for the transport of the call to or from an RSS or RSM. The mileage for local transport facility rate element will be measured from the host office to the RSS or RSM. The Calculation of the mileage is set forth in Section 4.4, preceding.
- G. For direct trunked transport provided to an access tandem, the channel mileage applies on a fixed and per mile basis between the serving wire center and the access tandem. The per mile per minute local transport facility and the per minute local transport termination rates apply for the transport from the access tandem to the end office. The per minute tandem switching rate applies to all minutes of use switched at the access tandem. The channel mileage calculation is set forth in Section 4.4.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.3 Application of Local Transport Rates

- H. For tandem switched transport, the local transport termination rate, the tandem switching rate and the interconnection charge apply per access minute, The local transport facility rate applies per mile per access minute.
- I. When tandem switched transport is provided to an end office which is the host office, in addition to the rates set forth in Section 6.4.5.D, the customer will be billed the local transport termination rate per minute of use and the local transport facility rate per mile per minute for the transport of the call to or from a RDD or RSM. The mileage for the local transport facility will be measured from the host office to the RSS or RSM. The calculation of the mileage is as set forth in Section 4.4, preceding.

4.6.4 Local Switching

Local Switching rate is applied in a per minute of use.

4.6.5 Minimum Monthly Charge

A minimum monthly charge shall apply to all switched access service. The minimum charge shall apply per feature group, per feature group customer location.

4.6.6. Operator Passthrough

The operator passthrough charge will apply on a per call passed through basis.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.7 800 Data Base Access

The 800 data base access service carrier identification charge applies to 800 access service. It is assessed to the Interexchange Carrier on a per query basis.

4.6.8 Optional Features

A. CCSA is comprised of a STP link termination rate, a STP link transport rate and a STP port rate. The NRC for CCSA STP links is applied per link connection.

1. The STP link termination rate provides for the connection from the customer designated premises to the service wire center and applies on a per month basis.
2. The STP port rate provides for the point of termination to the signal switching capability of the STP and applies on a per month basis.

ACCESS SERVICES TARIFF

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D.)

4.6 Rate Regulations (Cont'd.)

4.6.9 Local Information Delivery Services

- A. Calls over switched access in the terminating direction to certain community information services will be rated under the applicable rates for switched access service. In addition, the rates and charges per call as specified in Connecticut Tariff No. 5, will also apply.

4.7 Rates and Charges

Rates and Charges are set forth in Section 10.4, following.

ACCESS SERVICES TARIFF

SECTION 5 - BILLING NAME AND ADDRESS SERVICE

5.1 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.

ACCESS SERVICES TARIFF

SECTION 5 - BILLING NAME AND ADDRESS SERVICE (CONT'D.)

5.2 Undertaking of the Company

- 5.2.1 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.
- 5.2.2 The Company will specify the format in which requests are to be submitted.
- 5.2.3 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.
- 5.2.4 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.
- 5.2.5 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.

ACCESS SERVICES TARIFF

SECTION 5 - BILLING NAME AND ADDRESS SERVICE (CONT'D.)

5.3 Obligations of the Customer

- 5.3.1 With each order for BNA Service, the Customer shall identify the authorized individual and address to receive the BNA information.
- 5.3.2 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.
- 5.3.3 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.

ACCESS SERVICES TARIFF

SECTION 5 - BILLING NAME AND ADDRESS SERVICE (CONT'D.)

5.4 Rate Regulations

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

5.4.2 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.

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

5.5 Rates and Charges

Rates and Charges are set forth in Section 10.5, following

ACCESS SERVICES TARIFF

SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE

6.1 Intra-LATA Pre-subscription

6.1.1 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 the Company's Connecticut Tariffs 4 and 5.

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SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.2 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.

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SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.3 Application of Rates and Charges

6.3.1 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 Connecticut Tariff Nos. 4 and 5 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 TARIFF

SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.3 Application of Rates and Charges (Cont'd.)

6.3.1 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 7.3.1.A.4).
 - 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 TARIFF

SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.3 Application of Rates and Charges (Cont'd.)

6.3.2 PIC Verification Service

- A. A separate NRC will apply for each successful PIC verification made on either a verbal or automated interface basis.

6.3.3 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 the 24 months.

ACCESS SERVICES TARIFF

SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.3 Application of Rates and Charges (Cont'd.)

6.3.4 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 TARIFF

SECTION 6 - INTRA-LATA PRE-SUBSCRIPTION SERVICE (CONT'D.)

6.3 Application of Rates and Charges (Cont'd.)

6.3.4 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.

ACCESS SERVICES TARIFF

SECTION 7 – PRESUBSCRIBED INTEREXCHANGE CARRIER CHARGE (PICC.

7.1 Presubscribed Interexchange Carrier Charge (PICC.

The Presubscribed Interexchange Carrier Charge (PICC. is a monthly charge imposed by the Company on IXC's for multi-line business, ISDN-PRI and T-1 Customers served by the Company who subscribe to the IXC's long distance service. For ISDN-PRI and T-1 Customers, the Company will assess five (5) PICC charges per circuit. An IXC selected by the Customer for both their interLATA and intraLATA long distance service will be subject to a single PICC per line. This charge will not be prorated for a partial month of service, is not subject to any discounting and does not contribute to any monthly minimums.

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SECTION 8

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES

10.1 Reserved for future use

10.2 Reserved for future use

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.3 Ordering Regulations

	Nonrecurring Charge
10.3.1 Order Modification Charge per occurrence, order modification	\$31.88
10.3.2 Service Date Change Charge Per Service Date change	\$31.88
10.3.3 Design Change Charge Per Design Change	\$37.07

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access Service

10.4.1 Switched Transport

A.	Entrance Facility	Rate	Non-Recurring Charge
1.	Voice Grade Channel, per channel		
a.	LATA #920		
i.	2-Wire	\$20.00	\$475.00
ii.	4-Wire	\$34.00	\$485.00
b.	LATA #132		
i.	2-Wire, initial channel	\$ 31.56	\$286.80
	Add'l channel	\$ 31.56	\$197.50
ii.	4-Wire, initial channel	\$ 52.27	\$408.36
	Add'l channel	\$ 52.27	\$272.96
2.	DS1 Channel Termination per channel		
a.	LATA #920		
	Zone 1	\$134.00	\$386.00
	Zone 2	\$140.00	\$386.00
	Zone 3	\$150.00	\$386.00
b.	LATA #132		
	Per channel, initial channel	\$236.65	\$275.00
	Add'l channel	\$236.65	\$165.00

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

A. Entrance Facility (Cont'd.)

3.	DS3 Channel Termination, per channel				Non- Recurring Charge
		Monthly	3 Year	5 Year	
a.	LATA #920				
	Zone 1	\$2,800.00	\$1,125.00	\$1,000.00	\$745.00
	Zone 2	\$3,125.00	\$1,150.00	\$1,050.00	\$745.00
	Zone 3	\$3,275.00	\$1,855.00	\$1,050.00	\$745.00

b. LATA #132

		Monthly	Non-Recurring Charge
	Channel Termination 1	2,136.24	\$ 1.00
	Channel Termination 2	\$1,779.36	\$ 1.00
	Channel Termination 3	\$1,424.17	\$ 1.00
	Channel Termination 4	\$1,345.83	\$ 1.00
	Channel Termination 5	\$1,303.10	\$ 1.00
	Channel Termination 6	\$1,267.49	\$ 1.00
	Channel Termination 7	\$1,224.78	\$ 1.00
	Channel Termination 8	\$1,189.17	\$ 1.00
	Channel Termination 9	\$1,146.46	\$ 1.00
	Channel Termination 10	\$1,103.72	\$ 1.00
	Channel Termination 11	\$1,068.12	\$ 1.00
	Channel Termination 12	\$ 925.71	\$ 1.00
	Channel Termination 13	\$1,075.24	\$ 1.00
	Channel Termination 14	\$1,061.00	\$ 1.00
	Channel Termination 15	\$1,046.76	\$ 1.00
	Channel Termination 16	\$1,032.51	\$ 1.00
	Channel Termination 17	\$1,018.27	\$ 1.00
	Channel Termination 18	\$1,004.04	\$ 1.00
	Channel Termination 19	\$ 989.79	\$ 1.00
	Channel Termination 20	\$ 975.55	\$ 1.00
	Channel Termination 21	\$ 961.31	\$ 1.00
	Channel Termination 22	\$ 947.07	\$ 1.00
	Channel Termination 23	\$ 932.83	\$ 1.00
	Channel Termination 24	\$ 925.71	\$ 1.00
	Channel Termination 25 and over	\$1,139.33	\$ 1.00

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

B. Direct-Trunked Transport

1. Channel Mileage

a. per channel

	Monthly Fixed	Per Mile	Non-Recurring Charge
--	------------------	----------	-------------------------

i.

0 Miles	\$ 0.00	\$ 0.00	\$268.00
Over 0 Miles	\$19.00	\$ 1.20	\$268.00

ii. LATA #132

0 Miles	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 Miles	\$29.81	\$ 3.38	\$ 0.00

b. DS1 Channel Termination,
per channel

i. LATA #920

Zone 1			
0 Miles	\$ 0.00	\$ 0.00	\$290.00
Over 0 Miles	\$70.00	\$16.75	\$290.00
Zone 2			
0 Miles	\$ 0.00	\$ 0.00	\$290.00
Over 0 Miles	\$76.90	\$16.50	\$290.00
Zone 3			
0 Miles	\$ 0.00	\$ 0.00	\$290.00
Over 0 Miles	\$80.00	\$20.80	\$290.00

ii. LATA #132 (C.

0 Miles	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 Miles	\$42.07	\$20.93	\$ 0.00

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SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

B Direct-Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.) (N)

c. DS3 Channel Termination
per channel

Monthly Fixed	Non-Recurring Per Mile	Charge
------------------	---------------------------	--------

i. LATA #920, Monthly

Zone 1			
0 Miles	\$ 0.00	\$0.00	\$1,180.00
Over 0 Miles	\$800.00	\$100.00	\$1,180.00
Zone 2			
0 Miles	\$ 0.00	\$ 0.00	\$1,180.00
Over 0 Miles	\$850.00	\$105.00	\$1,180.00
Zone 3			
0 Miles	\$ 0.00	\$ 0.00	\$1,180.00
Over 0 Miles	\$900.00	\$117.00	\$1,180.00

ii. LATA #132, Monthly
Per channel

0 Miles	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 Miles	\$694.28	\$130.46	\$ 0.00

2. Mid-Link

Non-Recurring
Charge

i.		LATA #920	Not Available
ii.		LATA #132	
	DS1	\$150.00	
	DS3	\$ 0.00	

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SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

C. Tandem-Switch Transport (Cont'd.)

2. Remote Tandem Transmission

a. SNET Territory

Remote Tandem Transmission - per access minute

Originating

Non-8YY

\$0.000830

8YY

See Note*

Terminating

See Note*

Tandem Transport Facility - per access minute, per mile

Originating

Non-8YY

\$0.000266

8YY

See Note*

Terminating

See Note*

b. Verizon Territory

Remote Tandem Transmission - per access minute

Originating

Non-8YY

\$0.000115

8YY

See Note*

Terminating

See Note*

Tandem Transport Facility - per access minute, per mile

Originating

Non-8YY

\$0.000023

8YY

See Note*

Terminating

See Note*

* See the Company's Access Service Tariff, FCC Tariff No. 4, Section 13.5.

The material found on this page was originally located on Section 10 Page 7.

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

C. Tandem-Switch Transport (Cont'd.)

3. Tandem Switching

Rate

a. SNET Territory
- per access minute
Originating
Non-8YY
8YY
Terminating

\$0.001468
See Note*
See Note*

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b. Verizon Territory - per access minute
Originating
Non-8YY
8YY
Terminating

\$0.000800
See Note*
See Note*

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4. Common Transport MUX

a. SNET Territory per access minute

Originating
Non-8YY
8YY
Terminating

\$0.000227
See Note*
See Note*

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b. Verizon Territory

Originating
Non-8YY
8YY
Terminating

\$0.000078
See Note*
See Note*

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* See the Company's Access Service Tariff, FCC Tariff No. 4, Section 13.5.

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

D. Interconnection Charge

1. Standard Charge

a. LATA #920

	Rate	
- per access minute		
Originating		(C)
Non-8YY	\$0.00000	
8YY	See Note*	(C)
Terminating	See Note*	

- per collocated access minute		
Originating		(C)
Non-8YY	\$0.00000	
8YY	See Note*	(C)
Terminating	See Note*	

b. LATA #132

- per access minute		
Originating		(C)
Non-8YY	\$0.00000	
8YY	See Note*	(C)
Terminating	See Note*	

- per collocated access minute		
Originating		(C)
Non-8YY	\$0.00000	
8YY	See Note*	(C)
Terminating	See Note*	

* See the Company's Access Service Tariff, FCC Tariff No. 4, Section 13.5.

ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

E Multiplexing

1. DS3 to DS1

a. LATA #920

	Monthly	Three Year	Five Year
Zone 1	\$625.00	\$500.00	\$475.00
Zone 2	\$650.00	525.00	\$515.00
Zone 3	\$675.00	\$550.00	\$525.00

b. LATA #132

	Monthly	Nonrecurring Charge
1. DS3 to DS1	\$605.27	\$1.00
2. DS1 to Voice Grade		

a. LATA #920

	Monthly
Zone 1	\$205.00
Zone 2	\$205.00
Zone 3	\$205.00

b. LATA #132

	Monthly	Nonrecurring Charge
	\$187.92	\$0.00

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

F.	Per Line / Trunk Addition	
1.	LATA #920 Per line or trunk	Nonrecurring Charge \$100.00
G.	Shared Network Arrangement	
1.	LATA #920	Nonrecurring Charge
	Processing Charge per Service Order	\$ 56.48
H.	FGD Network Blocking Charge	
1.	LATA #920 per call blocked	Rate \$ 0.011100
2.	LATA #132 per call blocked	\$ 0.010699

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

I. SS7 Signaling / 64 Kbps Clear Channel Capacity (64CCC.

1. LATA #920 *

Service Rearrangement Charge

Rates

SS7 Trunk Conversion

- per first trunk converted

Per trunk group

\$175.00

- per additional trunk converted

Per trunk group

\$ 9.00

2. LATA #132

SS7 Trunk Conversion

- per first trunk converted

per trunk group

\$ 0.00

- per additional trunk converted

per trunk group

\$ 0.00

* A service rearrangement charge(s) will apply when a customer requests a conversion of FGD from the following arrangements

- MF Signaling to SS7 signaling
- SS7 Signaling to MF signaling
- MF Signaling to SS7 signaling with 64CCC
- SS7 Signaling to MF signaling with 64CCC

ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.1 Switched Transport (Cont'd.)

J. Access Tandem Trunk Port

1. LATA #920

Per Access Tandem Trunk Port

Monthly
Rates

1. Analog
2. Digital

\$20.93
\$85.59

ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.2 End Office

A. Local Switching Usage Sensitive Rate

1.	SNET Territory	Rates	
a.	Standard Rate per access minute		
	Originating		(C)
	Non-8YY	\$0.007240	
	8YY	See Note*	(C)
	Terminating	See Note*	
2.	Verizon Territory per access minute		
a.	Standard Rate		
	Originating		(C)
	Non-8YY	\$0.005930	
	8YY	See Note*	(C)
	Terminating	See Note*	

B. Common Trunk Port

1.	SNET Territory per access minute		
	Originating		(C)
	Non-8YY	\$0.001325	
	8YY	See Note*	(C)
	Terminating	See Note*	
2.	Verizon Territory per access minute		
	Shared End Office Trunk Port		
	Originating		(C)
	Non-8YY	\$0.001710	
	8YY	See Note*	(C)
	Terminating	See Note*	

C. End Office Trunk Port

1.	SNET Territory		
	per end office trunk		
	Analog	\$ 16.36	
	Digital	\$144.00	
2.	Verizon Territory		
	per end office trunk	\$ 12.01	

* See the Company's Access Service Tariff, FCC Tariff No. 4, Section 13.5.

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.3 Reserved For Future Use

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.4 Information Surcharge

A. LATA #920

1. Premium Rate per Access Minute			
Originating			(C)
Non-8YY	\$0.000283		
8YY	See Note*		(C)
Terminating	See Note*		

10.4.5 800 (8YY) Database Access Service (T)

A. LATA #920

1. 800 (8YY) Database Basic Query (T)

800 Database Basic Query with 800 Series Number Turnaround (includes Vertical Features)				
Effective: <u>7/1/2021-6/30/2022</u>		<u>7/1/2022-6/30/2023</u>	<u>7/1/2023</u>	(C)
Per query				
All Areas	\$0.003138	\$0.001669 (R)	\$0.0002 (R)	

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B. LATA #132

Customer Identification Charge		
- per query	\$0.003766	
800 to POTs Translation		
- per query	\$0.001580	
Call Handling and Destination Feature		
- per query	\$0.003466	

* See the Company's Access Services Tariff, FCC Tariff No. 4, Section 13.5.

ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.6 500 Access Service

A. LATA #920

Rates

500 Query, per query

\$0.015

10.4.7 900 Access Service

A. LATA #920

Activation of 900 NXX Codes routed to
customer for statewide access

Activation of the first 900 NXX code
contained in an order

\$17,693.55

Activation of each additional 900 NXX code
contained in an order

\$ 1,411.10

Activation of 0+900 Dialing not associated
with NXX activation activity

\$91,540.00

Deactivation of 0+900 dialing
Option

\$76,025.00

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.8 Signaling for Tandem Switching

A.	LATA #920	Rates	
	Signaling for Tandem Switching		
	Per trunk group	\$10.00	

10.4.9

Carrier Identification

Parameter

		Rates	Non-recurring Charge
A.	LATA #920 - per trunk group	\$25.00	
B.	LATA #132 - per trunk group	\$60.00	\$70.00

10.4.10 End Office Line Port

A.	LATA #920 Per end office line port		\$2.12
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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.4 Switched Access (Cont'd.)

10.4.11 Primary Interexchange Carrier Charge

A. LATA #920

1.	Standard Rate, per line	Monthly
a.	Primary Residence Subscriber	\$1.21
b.	Single Line Business Subscriber	\$1.21
c.	Non-Primary Residence Subscriber	\$1.21
d.	Multiline Business Subscriber	\$1.21
e.	Basic Rate Interface	\$1.21
2.	Primary Rate Interface	\$6.05
3.	Centrex - per line rate	
-	one line	\$1.21
-	two lines	\$0.61
-	three lines	\$0.40
-	four lines	\$0.30
-	five lines	\$0.24
-	six lines	\$0.20
-	seven lines	\$0.17
-	eight lines	\$0.15
-	nine or more lines	\$0.13

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.5 Billing Name and Address

10.5.1 Service Establishment Charge \$150.00

10.5.2 Per Telephone Number by

- Verbal Request \$ 0.58

- Written Request \$ 0.58

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ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.6 IntraLATA Pre-Subscription (ILP) Services

10.6.1 IntraLATA Pre-Subscription (ILP)

A. ILP PIC Charge

Intra-State, Intra-LATA - NRC - Per
Telephone Exchange service line or
Trunk

RATE

\$ 5.00

10.6.2 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

10.6.3 Intrastate Equal Access Cost Recovery

A. Intrastate Equal Access Cost Recovery
Monthly - per originating minute of use

\$ 0.00000

ACCESS SERVICES TARIFF

SECTION 10 - RATE AND CHARGES (CONT'D.)

10.7 Presubscribed Interexchange Carrier Charge (PICC)

10.7.1 Presubscribed Interexchange Carrier Charge (PICC)

	RATE
A. per presubscribed multi-line business Customer line	\$ 4.31
B. per Centrex line	\$ 0.47
C.. per ISDN-PRI or T-1 facility	\$ 21.55

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ACCESS SERVICES TARIFF

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. (T)

11.1.2 Rating of VoIP-PSTN Traffic - The Relevant VoIP-PSTN Traffic identified in accordance with this Section will be billed at rates equal to those tariffed for the Company's interstate switched access services as described in Sections 6 and 13 of the Company's FCC access services tariff. 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 Partner(s).

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 (B), 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 SERVICES TARIFF

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1 Identification and Rating of VoIP-PSTN Traffic (Cont'd.)

11.1.3 (Cont'd.)

3. 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).
4. 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 $40\% + (10\% \times 60\%) = 46\%$. 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 $0\% + (100\% \times 10\%) = 10\%$. 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.

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Some material previously found on this page has been moved to Page 123

ACCESS SERVICES TARIFF

SECTION 11 – VOIP-PSTN TRAFFIC (CONT'D.)

11.1 Identification and Rating of VoIP-PSTN Traffic (Cont'd.)

11.1.3 (Cont'd.)

4.. (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 (C)(1) of this Section, the Company will utilize a PVU equal to the Company's PVU-B factor.

11.1. Initial PVU Factors - If the PVU factors are not available and/or cannot be implemented in the Company's billing systems by January 1, 2012, once the factors are available and can be implemented the Company will adjust the Customer's bills to reflect the PVUs retroactively to January 1, 2012. In calculating the initial PVUs, the Company will take the Customer-specified PVU-A into account retroactively to January 1, 2012, 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.

E. 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.

F. 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.

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