

FCC Tariff No. 4  
1<sup>st</sup> Revised Title Page  
Cancels Original Title Page

Effective: December 31, 2011

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**CTC Communications Corp.**  
**d/b/a EarthLink Business**  
 Issued by: Vice President, Tax  
 1170 Peachtree Street NE, Suite 900  
 Atlanta, Georgia 30309  
 Issued: November 17, 2014

FCC Tariff No. 4  
 4<sup>th</sup> Revised Page 1  
 Cancels 3<sup>rd</sup> Revised Page 1

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**ACCESS SERVICE**

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**CHECK SHEET**

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

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1	4 <sup>th</sup> Revised	*	32	Original	62	Original
2	1 <sup>st</sup> Revised	*	33	Original	63	Original
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4	2 <sup>nd</sup> Revised	*	35	Original	65	Original
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30	Original					

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**CTC Communications Corp.  
d/b/a EarthLink Business**

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343	Original	381	Original		

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d/b/a EarthLink Business**

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453	Original	492	1 <sup>st</sup> Revised *	531	Original
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d/b/a EarthLink Business**

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**CTC Communications Corp.**  
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**CTC Communications Corp.**  
**d/b/a EarthLink Business**  
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**CTC Communications Corp.  
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**SECTION 1 - TARIFF INFORMATION**

**1.1 General**

**1.1.1 Concurring and Connecting Carriers**

**CONCURRING CARRIERS**

CTC Communications of Virginia

**CONNECTING CARRIERS**

None

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.1 General (Cont'd.)

1.1.2 Symbols

The following are the only symbols used for the purposes indicated below:

- |   |  |
|---|--|
| C | To signify changed regulation                                      |
| D | To signify discontinued rate or regulation                         |
| I | To signify an increase   |
| M | To signify matter relocated without change                         |
| N | To signify new rate or regulation                                  |
| R | To signify a reduction   |
| T | To signify a change in text but not a change in rate or regulation |
| Z | To signify a correction  |

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.1 General (Cont'd.)

1.1.3 Tariff Format

- A. Page Numbering - Page numbers appear in the upper right corner of the page. Pages are numbered sequentially. However, new pages are occasionally added to the tariff. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between pages 14 and 15 would be 14.1.
- B. Page Revision Numbers - Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current page version on file with the Commission. For example, the 4th Revised Page 14 cancels the 3rd Revised Page 14. Because of various suspension periods, deferrals, etc. the Commission follows in their tariff approval process, the most current page number on file with the Commission is not always the tariff page in effect.
- C. Paragraph Numbering Sequence - There are seven 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.1.



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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.1 General (Cont'd.)

1.1.3 Tariff Format (Cont'd.)

- D. Check Sheets - When a tariff filing is made with the Commission, 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 Commission.

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.2 Referencing

1.2.1 Reference to Other Tariffs

Whenever reference is made in this tariff to another tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff and to amendments thereto and successive issues thereof. The regulations, rates and charges contained herein are in addition to the applicable regulations, rates and charges specified in other tariffs of the Company which are referenced herein.

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.2 Referencing (Cont'd.)

1.2.2 Reference to Other Publications

- A. Technical Reference Documents referenced as NTR-XXXX can be obtained from Manager, Information Management, Telesector Resources Group, Product Engineering. 441 Ninth Avenue, Floor 2 NY, NY 10001.
- B. PUB AS No. 1, Issue II and Addendum can be obtained from NECA Inc., Director- Tariff and Regulatory Matters, 100 S. Jefferson Road, Whippany, NJ 07981 and the FCC's Commercial Contractor.
- C. NECA FCC Tariff No. 4 can be obtained from the FCC's Commercial Contractor.
- D. Other Technical publications (referenced as PUB, TR-NPL, TR-TSY, CB or SR) can be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Ave., Piscataway, NJ 08854.

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions**

800 Data Base Access Query - A database look up which returns a valid identification code.

800 Data Base Access Service - A service which uses database system to identify 800 access customers on a 1-Digit Basis. For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 database access, except where otherwise specified, the term 800 database access shall include 888, 877, 855, 844, 8333 and 822 NPAs.

800 Service Management System (800 SMS) - The main operations support system used to create and update 800 service records in the national data base.

800 Service Provider - A telecommunications company, including exchange carriers and Interexchange Carriers or resellers of exchange or interexchange services, that offers 800 Service to end-users.

Access Code - A uniform five, six or seven digit code assigned by the Company to an individual customer. The five digit code has the form 10XXX, the six digit code has the form 101XXX and the seven digit code has the form 950-XXXX or 950-1XXX.

Access Concentrator - The network equipment which collects customer data information from many access lines, multiplexes the data onto trunks for delivery to the packet switch and vice versa. The access concentrator improves the efficiency of a communications circuit by combining a number of low speed inputs into a single, higher speed output.

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

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd)**

**Access Tandem** - A Company switching system that provides a concentration and distribution function for originating and terminating traffic between end offices and a customer's premises.

**Address Code** - A code up to six alphanumeric characters which identifies Information Providers

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

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

**Asynchronous** - A form of communication whereby each data character is individually synchronized by means of start and stop elements.

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

**Attenuation Distortion** - The difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

**Authorized User** - A person, firm, corporation or other entity who is authorized by the Subscriber to be connected to the service of the Subscriber under terms and regulations of this tariff

**Authorization Code** - A pre-defined series of numbers to be dialed by the Customer or Authorized User upon access to the Carrier's system to identify the caller and validate the caller's authorization to use the services provided.

**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.

**Balance (100 Type) Test Line** - An arrangement in an end office which provides for balance and noise testing.

**Bill Message** - An informational or advertising narrative developed by the Interexchange carrier and approved by the Company that appears on the Interexchange Carrier's bill, and / or invoice to be used with manual and / or mechanized bill message service.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

**Bill Message Service** - Consists of the preparation of mechanized and / or manual bill messages for an Interexchange Carrier end user customer's bill and mechanized bill message service is used for an Interexchange Carrier's end user's invoice.

**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.

**Bursty Traffic** - Communications traffic characterized by short periods of high intensity separated by fairly long intervals of little or no utilization.

**Business Day** - The Time of day that a Company is open for business. Generally, in the business community, these are 8AM or 9AM to 5PM or 6PM, respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty hour work week. However, business day hours for the Company may vary based on Company policy, contract or location. To determine such hours for an individual Company, or Company location, that Company should be contacted.

**Busy Hour Minutes of Capacity (BHMC)** - The Customer specified maximum amount of switched access service and / or directory assistance service access minutes the customers expects to be handled in an end office switch during any hour in an 8AM to 11PM period for the feature group and / or directory assistance service ordered. The customer furnished BHMC quantity is the input data the Companies to determine the number of transmission paths for the feature group and / or the directory assistance service ordered.

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

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ACCESS SERVICE

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

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

Call Request Packet - the first packet in each session which contains the call request information.

Carrier or Common Carrier - See Interexchange Carrier

CCS - A hundred call seconds, which is standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g. Trunks).

Central Office - A local Company switching system where telephone exchange service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Central Office Data Voice Multiplexer (CDVM) - A device attached to an exchange service line at the serving wire center which allows for the expansion of the channel to permit simultaneous or independent transmission of data and voice.

Central Office Prefix - the first three digits (NXX) of seven digit telephone number assigned to a customer's telephone exchange service when dialed on a local basis.

Centralized Automatic Reporting on Trunks Testing - A type of testing which includes the capacity for measuring operational and transmission parameters.

Centrex CO - A central office based offering that provides customers with such services as intercom calling, direct inward dialing, access to private facilities, route selection and station billing details.

Channel(s) - An electrical (or photonics, in the case of fiberoptic based transmission systems), communications path between two or more points of termination.

Commission - Federal Communications Commission

Common Channel Signal Access - The capability which allows customer access to the Company SS7 Signaling network.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

Channel Service Unit (CSU) - Equipment which performs one or more of the following functions: (a) termination of a digital signal; (b) regeneration of a digital signal; (c) detection and / or correction of signal format error and (d) remote loop back.

Channelize - the process of multiplexing - demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or slower speed channels.

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

C-Notched Noise - The C-Message Frequency weighted noise with a holing tone, which is removed at the measuring end through a notch (very narrow band) filter.

Common Channel Signaling Access - The capability which allows customer access to the CompanySS7 signaling network.

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

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

Company - Used throughout this tariff to refer to CTC Communications Corp. d/b/a EarthLink Business, unless otherwise clearly indicated by the context.

CTC - Used throughout this tariff to refer to CTC Communications Corp., unless otherwise clearly indicated by the context.

Conversation Minutes - The measurement of minutes beginning when either answer supervision or an off-hook supervisory signal is received from terminating end-user's end office and ending when either disconnect supervision or an on hook supervisory signal is received from the terminating end-user's office, indicating the called party has disconnected.

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

Customer(s) - Any individual, partnership association, joint stock company, trust, corporation or governmental entity which subscribes to the services offered under this tariff including Interexchange Carriers, end-users and Cable TV companies.

Data-Circuit Terminating Equipment - Company network channel terminating equipment that interfaces with customer- provided data terminal equipment.

Data Terminal Equipment - Terminals or computers that interface with the packet network or ISDN.

Data Transmission (107 Type) Test Line - An arrangement which provides for a connection to a signal source which provides test signals for one way testing of data and voice transmission parameters.

Decibel - A unit used to express relative difference in power, usually between acoustic or electric signals, equal ten times the common logarithm of the ratio of two signals.

Decibel Reference Noise C-Message Weighting - Noise power measurements with C-message weighting in decibels relative to power measurement with C-message weighting in decibels relative to a reference 1000 Hertz Tone of 90 db below one milliwatt.

Decibel Reference Noise C-Message Referenced to 0 - Noise power decibel reference noise C-message weighting referred to or measured at a zero transmission level point.

Dedicated Access - A method of reaching the Company's services whereby the Customer is connected directly to the Company's point of presence without utilizing services of the local switched network. Services via dedicated access are offered only as specified in this tariff and to the extent facilities are available, and where the Company and the Customer jointly arrange for the establishment of dedicated access facilities connecting the Customer's trunk-compatible PBX or other suitable equipment to the Company's POP. The Customer shall be responsible for all costs and charges associated with the dedicated access facilities.

Dedicated Transport - The use of circuits and equipment for transport by a signal customer.

Department - refers to the Massachusetts Department of Telecommunications and Energy

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

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

**DID Service - Direct Inward Dialing Service** - Permits incoming dialed calls from the exchange network to reach a specific station, line or other Customer premises equipment without the assistance of an attendant. This service is available with PBX Service.

**Direct Trunk Transport** - Transport of switched access service, over facilities dedicated to the use of a single customer, without switching at the tandem, either between the serving wire center and the end office, or between two customer designated Company offices.

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

**Directory Assistance Location** - A Company office where Company equipment first receives the directory assistance call from a customer's premises and selects the first operator to respond to the directory assistance call.

**Echo Control** - The control of reflected signals in a telephone transmission path.

**Echo Path Loss** - The measure of reflected signal at a four wire point of termination without regard to the send and receive transmission level point.

**Echo Return Loss** - A frequency weighted measure of return loss over the middle of the voice band (approximately 500 to 2500 Hertz), where talker echo is most annoying

**Effective Two-Wire** - A condition which permits the simultaneous transmission in both directions over a channel, but it is possible to insure independent information transmission in both directions.

**Effective Four-Wire** - A condition which permits the simultaneous independent transmission of information in both directions over a channel.. The method of implementing effective four wire transmission is at the discretion of the Company(physical, time domain, frequency domain separation or echo cancellation techniques). Effective four-wire channels may be terminated with a two-wire interface at the customer's premises. However, when terminated the two-wire, simultaneous independent transmission cannot be supported because the two-wire interface combines the transmission paths into a single path.

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ACCESS SERVICE

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

End Office Switch - A Local Company switching system where telephone exchange service customer station loops are terminated for purposes of interconnection to trunk. Included are remote switching modules and remote switching systems served by a host office in a different wire center.

End - User - Any customer of intrastate telecommunications service that is not a carrier, except that a carrier other than a Company shall be deemed to be an end-user when such uses a telecommunications services exclusively as a private reseller shall be deemed to be an end user.

Entrance Facility - Transport from the customer designated premises to the serving wire center of the customer premises or to an alternate serving wire center negotiated with the Telephone Company.

Entry Switch - See First Point of Switching

Envelope Delay Distortion - A measure of the linearity of the phase verses frequency of a channel.

Equal Access - The ability of the Carrier to serve End Users on a pre-subscribed basis rather than through the use of dialed access codes.

Equal Level Echo Path Loss (ELEPL) - A measure of Echo Path Loss (EPL) at a four wire interface which is corrected by the difference between send and receive Transmission Level Point (TLP).  $ELEPL = EPL - TLP(\text{send}) + TLP(\text{receive})$ .

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

Exchange - A unit generally smaller than LATA, established by the Company for the administration of communications specified area which usually embraces a city, town or village and its environs. It consist of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given LATA.

Exit Message - A Signaling System 7 message sent to an end office by the Telephone Company's tandem switch to mark the carrier connect time when the Telephone Company's tandem switch sends an initial address message to an Interexchange Carrier.

Expected Measured Loss - A calculated loss in which specified the end to end 1004 Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

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.

Field Identifier - Two or four characters that are used on service orders to convey specific instructions. Field identifiers may or may not have associated data. Selected field identifiers are used in Company billing systems to generate NRCs.

First Come-First Served - A procedure followed when a shortage of facilities or equipment occurs, such that an access service ordered cannot be installed. The orders delayed by the shortage of facilities will be prioritized according to the sequence in which they were received. That is, when facilities or equipment become available, the first order received will be the first order processed.

First Point of Switching - The first Company location at which switching occurs on the terminating path of a call proceeding from the customer's premises to the terminating end-office and, at the same time, the last Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer's premises.

Host Customer - A customer who authorizes a service user to connect a special access, switched access or CCSA service(s) to its multiplexed high capacity service under terms and conditions specified in this tariff for shared billing arrangement.

Host Office - An electronic switching system which provides call processing capabilities for one or more remote switching modules or remote switching systems.

Impedance Balance - The method of expressing echo return loss and singing returning loss at a four wire interface whereby the gains and / or loss of the four wire portion of the transmission path, including hybrid, are not included in the specification.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Impulse Noise** - Any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

**Individual Case Basis** - A condition in which regulations, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

**Initial Address Message** - A Signaling System 7 message sent in the forward direction to initiate trunk set up with busying of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.

**Inserted Connection Loss** - The 1004 Hz power difference (in Db) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

**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 video-conferencing connectivity services.

**ISDN - Integrated Service Digital Network** - An end-to-end digital telecommunications network architecture which provides for the simultaneous access, transmission and switching of voice, data and image services.

**ISDN - BRI (Integrated Service Digital Network - Basic rate Interface)** - An ISDN service consisting of two communications channels and a third channel for call control and data transmission.

**ISDN - PRI (Integrated Service Digital Network - Primary Rate Interface)** - An ISDN service with 23 communications channels and one channel for call control and data transmission at speeds of 1.544 Mbps.

**Interexchange Carrier or Interexchange Common Carrier** - any individual, partnership, association, joint stock company, trust governmental entity or corporation, other than the Company, certified by or registered with the DTE and engaged for hire in the intrastate communications by wire or radio, between two or more exchanges.

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Intermediate Hub** - A wire center that provides multiplexing which can serve itself and one or more wire centers within the LATA. In an intermediate hub (wire center), a DS3 or DS1 facility can be multiplexed and the individual switched access channels terminated at the customer designated end office or access tandem switch(es) located within the local serving area of that wire center. The individual special access channels are terminated at the customer designated premises located within the local servicing area of that wire center. Individual special access channels can be extended through any designated wire center(s) subtending the intermediate hub within the LATA to terminate at customer designated premises located within the local service area of each wire center.

**Intermodulation Distortion** - A measure of non-linearity of a channel. It is measured using four tones, and evaluating the ratios (in db) of the transmitted composite four tone signal power to the second order products of the tones (R2), and the third order products of the tones (R3).

**Internetwork Carrier** - Any individual, partnership, association, joint stock company, trust government entity or corporation engaged in the hire in transport of packet data between packet networks.

**Interstate Communications** - Both Interstate and Foreign Communications.

**Intrastate Communications** - Any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

**Invoice** - End User billing media containing among other things, Interexchange carrier rated messages, bill messages, promotional messages, other charges, other charge messages and associated taxes calculated by the Interexchange carrier.

**Invoice Billing Data Files** - Invoice, adjustment and text data files which contain, among other things, information regarding Interexchange end user customer taxes, rated messages, adjustments, other charges, bill messages, promotional messages and other charge messages.

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

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

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

**LATA - Local access transport area.** A geographic area established by the US District Court for the District of Columbia in Civil action No. 17-49, within which a local exchange company provides communications services.

**Link Access Procedure-D Protocol -** An international protocol that defines the interface between the customer's equipment and packet network data terminating equipment and between packet networks. LAPD protocol is also a reference to the section of the published international recommendations established by the CCITT.

**Legal Holiday -** Days other than Saturday or Sunday on which the Companies normally closed. These include New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed and other locally observed Holidays when the Companies closed.

**Line-Side Connection -** A connection of a transmission path to the line side of a local exchange switching system.

**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 FCC No. 4.

**Local Calling Area -** A geographical area as defined in CTC DTE No. 1, in which an end user (telephone exchange service subscriber) may complete a call without incurring MTS charges.

**Local Tandem Switch -** A local Company switching unit by which local or access telephonic communications are switched to and from an end office switch.

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

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

Loss Deviation - The variation of actual loss from the designed value.

Major Fraction Thereof - Any period in excess of one-half of the stated amount of time.

Message - a call.

Milliwatt (102 Type) Test Line - An arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one way transmission measurements towards the customer's premises from the Company end office.

Network Address - Numeric characters used to identify the originating or destination point of each virtual call within a packet network. The term network address is synonymous with data terminal number.

Network Control Signal - The transmission of signals used in telecommunications system which performs functions such as supervision (control, status and charge signals), addressing signaling, (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating reorder or busy conditions, alerting coin denominations, coin collect and coin return tones) to control digital cross connect.

Network Controller - The central computer system used with Network Reconfiguration service to control the reconfiguration of customer private line networks provisioned through digital cross connect system devices.

Network Controller Access - A method for the customer to access the centrally located network controller which provides customers with the management and control function for NRS.

Network Map - The complete configuration of a customer's frame relay port connections and permanent virtual circuits as defined by inter connectivity of network addresses and logical channels.

Non-Verified Account Code - Numeric codes which the Customer uses to identify individual users or groups of users on an account in order to allocate the cost of service accordingly. These codes are not verified by the Company.

Nonrecurring Charges - A one time charge that applies for a specific work activity (i.e., installation or change to an existing service).

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ACCESS SERVICE

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

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

North American Numbering Plan - A three digit area (numbering plan area) code and a seven digit telephone number made up of a three digit central office code plus a four digit station number.

Octet - A continuance sequence of eight binary numbers

Off Hook - The active condition of switched access or a telephone exchange service line

On Hook - The idle condition of switched access or a telephone exchange service line.

Open Circuit Test Line - An arrangement in an end office which provides an AC open circuit termination of a trunk or line by means of an inductor of several Henries.

Operator Services Provider - The interstate provider of operator services to which an end user placing an operator assisted call is connected when the end user's pre-subscribed Interexchange Carrier designates a provider of operator service to handle its operator traffic.

Originating Direction - The use of switched access service for the origination of calls from an end user premises to an Interexchange Carrier premises.

Other Charges - Credits and debits that appear on an Interexchange Carrier's end user customer's invoice accompanied by explanatory text

Other Charge Messages - A message from an Interexchange Carrier end user customer's invoice that describes an Interexchange Carrier charge or credit and is accompanied by an Interexchange determined credit or debit.

Packet - A continuance sequence of information usually in binary form, which is switched through a packet network as an integral unit. A packet may include customer data, transmission or routing information and error control information.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Packet Switch** - The component of the packet switching network which preforms the routing and switching functions.

**PBX (Private Branch Exchange)** - System which is an arrangement of switching equipment consisting of a manually operated attendant console or position or dial switching apparatus, or both, with connecting central office and PBX telephone and lines.

**Permanent Virtual Circuit** - A circuit which is the electronic equivalent of a private line between two destinations network addresses.

**Personal Identification Number (PIN)** - see Authorization Code

**Phase Jitter** - The unwanted phase variations of a signal.

**Point Code** - A unique nine digit numeric identifier that identifies a customer's Signaling System 7 capable switch and other SS7 network elements or nodes.

**Point of Presence or POP** - refers to the location of the Company's interexchange facilities.

**Point of Termination** - The demarcation point or network interface, at which the Telephone Company's responsibility for the provision of access service ends. The point of demarcation or network interface is the point of interconnection between Company communications facilities and customer provided facilities as defined in Section 68.3 of the FCC's Rules and Regulations.

**Port Connection** - A communications interface provided by the Company through which the customer or an authorized user is connected to the network.

**Promotional Message** - A Message for an Interexchange Carrier end user customer's invoice that describes an Interexchange Carrier Promotional Program and is accompanied by an Interexchange Carrier determined credit or debit.

**Protocol** - A set of rules and procedures that permit the orderly exchange of information within and across a network.

**Registered Equipment** - The customer's premises equipment which complies with and as been approved within the registration provisions of Part 68 of the FCC's Rules and Regulations.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Remote Node** - A Company building in which remote switching modules and / or remote switching systems are located.

**Remote Switching Modules and / or Remote Switching Systems** - Small remotely controlled electronic end office switches which obtain their call processing capability from an ESS type host office and cannot accommodate direct trunks to a customer.

**Return Loss** - A measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

**Service Access Code** - A three digit code that takes place of an NPA in the dialing sequence. Particular services provided by a customer, BOC, or independent company, may include but are not limited to 700 (Interexchange Carrier Service). Service access codes are associated with the switched access services that may be ordered by a customer as part of the access services tariff. A Company may screen calls and route to a customer specified point of presence based upon the service access code dialed.

**Service Control Point** - The Signaling System 7 node where Company databases reside.

**Service User** - A customer who connects a special access, switched access or CCSA service(s) to the multiplexed high capacity service of a host customer under the terms and conditions specified in this tariff for a shared billing arrangement.

**Seven Digit Manual Test Line** - An arrangement which allows the customer to select the balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

**Short Circuit Test Line** - An arrangement in an end office which provides for an AC short circuit termination of a trunk line by means of at least four microfarads.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Signal to C-Notched Noise Ratio** - The ratio in dB of a test signal to the corresponding C-Notched Noise.

**Signaling Point** - A switch that is capable of SS7 signaling.

**Signaling Point of Interconnection** - The customer designated location, in the same LATA as the Company STP, where Signaling System 7 signaling information is exchanged between the Company and the Customer.

**Signaling System 7 Network** - a digital data network carrying signaling information which interfaces with the Company voice / data network services using the ANSI CCS7 protocol

**Signaling Transfer Point** - A signaling point which routes and / or transfer signaling messages through the common channel signaling network.

**Singing Return Loss** - The frequency weighted measure of return loss at the edges of the voice band (200 to 500 Hz and 2,500 to 3,000 Hz), where singing (instability) problems are most likely to occur.

**Special Order** - An order for a billing and collection service or an order for a directory assistance service.

**Subscriber** - Any individual, partnership association, joint stock company, trust, corporation or governmental entity which subscribes to the services offered under this tariff including Interexchange Carriers, end-users and Cable TV companies. Also, see Customer

**Subtending End Office of an Access Tandem** - An end office that has final trunk group routing through that tandem.

**Super-Intermediate Hub** - A wire center that serves itself and / or subtending wire centers in an entire LATA or within in one or more specific NPA(s) in a LATA for the provision of multiplexing (DS3 to DS1 or DS1 to Voice). In this super-intermediate hub (wire center) a DS3 to DS1 facility can be multiplexed and the individual channels terminated at customer designated end office or access tandems switches, or at a customer designated premises located within the local service area of this super-intermediate hub. The individual channels can be extended through its subtending wire center(s) to terminate at customer designated premises located within the local service area of each subtending wire center.

**Switched Access** - A method for reaching the Carrier through the local switched network whereby the End User uses standard business or residential local lines.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**Switched Virtual Circuit** - A communications channel (logical channel) established on a switched basis as a result of the call established procedure via one network address calling another network address. The communications channel exists until the call is terminated by either the calling or called party.

**Switching Point Code** - A unique nine character, numeric code that identifies a switch that is supported by the SS7 Signaling. (See Point Code).

**Switching System** - The hardware and / or software utilized by the Company for the establishment and maintenance of a given central office.

**Synchronous** - A form of communications whereby data characters are sent in a continuous stream to the destination.

**Synchronous Test Line** - An arrangement in an end office which performs marginal operational tests of supervisory and ring tipping functions

**Tandem Switched Transport** - Transport of switched access service to an end office that includes switching equipment.

**Telecommunications Device for the Deaf (TDD)** - A machine that uses the transmission of coded signals instead of verbal communications to enable hearing impaired End Users to communicate with each other and with non-hearing impaired individuals.

**Terminating Direction** - The use of switched access service for the completion of calls from a customer premises to an end user premises.

**Terminus Hub** - A wire center in which a DS3 or DS1 facility can be multiplexed into individual channels. A Terminus Hub serves only customers in the wire center in which the multiplexing is preformed.

**Text File** - The data file transmitted by the IC which will consist of the bill messages, promotional messages and other charge messages for invoice billing.

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Effective: October 1, 2011

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

1.3 Definitions (Cont'd.)

**Throughput** - The amount of information that can be moved through a port connection to and from a customer's computer or terminal during a specified time interval. High throughput occurs at transmission rates of 9.5 Kbps or 56 Kbps. Low to medium throughput occurs at transmission speeds up to 9.6 Kbps.

**Transmission Measuring (105Type) Test Line / Responder** - An arrangement in an end office which provides far end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

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

**Trunk Circuit Identification Code** - The number assigned to each switch trunk to identify it to the SS7 Signaling System.

**Trunk Group** - A set of trunks which are traffic engineered as a unit for the establishment of connection between switching systems in which all of the communications paths are interchangeable.

**Trunk Side Connection** - The connection of a transmission path to the trunk side of a local exchange switching system.

**Two-Wire to Four-Wire Conversion** - An arrangement which converts a four wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire facility.

**Uniform Service Order Code** - A three or five character alphabetic, numeric or an alphanumeric code that identifies a specific item of service or equipment. USOCs are used in the Company billing system to generate recurring rates and NRCs

**United States** - The forty eight contiguous states, Alaska, Hawaii, Puerto Rico and the U.S. Virgin Islands.

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**SECTION 1 - TARIFF INFORMATION (CONT'D.)**

**1.3 Definitions (Cont'd.)**

**V & H Coordinates Method** - A method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

**Verified Account Code(s)** - Numeric Codes which are made available to a Customer to enable the Customer to identify individual users or groups of users on an account in order to allocate the cost of service accordingly. Codes are verified by CTC against a pre-defined list maintained by the Company.

**Vertical Service** - A service which is provided in conjunction with (or vertical to) special access service at a Company Hub. The function of vertical service is to connect two or more special access services to create a two-point special access between two customer designated premises.

**Vertical Circuit** - A logical channel established as a result of the call establishment procedure to a network address that exists for a period of time until either end of the circuit initiates the call clearing procedures.

**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. (N)

**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. (N)

**WATS Serving Office** - A Company designated serving wire center where switching, screening and / or recording functions are performed in connection with the closed end of WATS or type services.

**Wire Center** - A building in which one or more central offices used for the provision of telephone exchange services are located.

**X.25 Protocol** - An international protocol that defines the interface between the customer's equipment and a public packet network data circuit terminating equipment for public packet switched networks. It is a reference to the section of the published international recommendations established by the CCITT where this particular type of protocol generally monitors electrical interface, error checking, etc.

**X.75 Protocol** - An international protocol that defines the interface between public packet data networks. The X.75 protocol is also a reference to the section of the published international recommendations established by CCITT where this particular type of protocol generally monitors electrical interface, error checking, etc.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS**

**2.1 Undertaking of CTC Communications Corp.**

The Company's services and facilities are furnished to Customers for communications originating within the United States under terms of this tariff. The Company's services and facilities are available twenty-four (24) hours per day, seven (7) days per week.

The Company arranges for installation, operation, and maintenance of the communications services provided in this tariff for Customers in accordance with the terms and conditions set forth under this tariff.

All service or commitments undertaken by the Company, and provided through the use of the facilities and / or services acquired from another carrier, are subject to any limitations set out in the applicable tariff filed by the other carrier or in carrier-to-carrier agreements, and such limitations are hereby incorporated by reference.

**2.1.1 General**

The tariff contains regulations and rate and charges applicable to the provision of Interstate Access Services and other miscellaneous services, hereinafter referred to collectively as service(s), provided by CTC Communications Corp., hereinafter referred to as the Company, to Interexchange Carriers (IXCs), Competitive Local Exchange carriers (CLECs and End-Users.

- A. For purposes of administering this tariff, IXCs, end users and CLECs are hereinafter referred to as Customers.
  - B. Customized service packages and competitive pricing arrangements at negotiated rates may be furnished on a case by case basis in response to requests by customers to the Company from proposals or for competitive bids. Service offered under this tariff provision will be provided to customers pursuant to a contract. Rates will be filed with the F.C.C. for approval when they are so determined. Unless otherwise specified, the regulations for such arrangements are in addition to the applicable regulations and prices in other sections of this tariff.
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Effective: October 1, 2011

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.1 Undertaking of CTC Communications Corp. (Cont'd.)**

**2.1.2 Shortage of Equipment of Facilities**

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 a lack of facilities, or due to any other cause beyond the Company's control.

**2.1.3 Terms and Conditions**

- A. Service provided seven (7) days a week, Twenty-four (24) hours a day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
  - B. Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates and charges, the duration of the services and the terms and conditions in this tariff. Customers will also be required to execute any other documents as may be reasonably requested by the Company.
  - C. In any action between the parties to enforce any provision of this tariff, the prevailing party shall be entitled to recover legal fees and court costs from the non-prevailing party in addition to other relief a court may award.
  - D. This tariff shall be interpreted and governed by the laws of the United States without regard for its choice of laws provision.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.1 Undertaking of CTC Communications Corp. (Cont'd.)

2.1.4 Claims

Company shall be indemnified and held harmless by the Customer against all claims, suits proceedings, expenses losses, liabilities or Damages (collectively "Claims") arising from the use of the service pursuant to this tariff involving:

- A. Claims of third parties, including patrons or customers of a Customer, arising out of, resulting from, or related to the use of the services
  - B. Claims of libel, slander, invasion of privacy, or infringement of copyright arising from any communication using the services;
  - C. Claims for patent infringement arising from combining or using the facilities and equipment furnished pursuant to this Tariff in connection or in combination with facilities or equipment not furnished by the Company
  - D. All other Claims arising out of any act or omissions of Customers or patrons of the Customer, in connection with the service made available to the Customer.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.1 Undertaking of CTC Communications Corp. (Cont'd.)**

**2.1.5 Testing, Maintenance and Adjusting**

Upon suitable notice, the Company may make such tests, adjustments and inspections as may be necessary to maintain the Company's facilities in satisfactory operating condition. No interruption allowance will be credited to the Customer for the periods during which the Company makes such tests, adjustments or inspections.

The Company shall have no responsibility for the maintenance and repair of any kind with respect to equipment and facilities not provided by the Company. The Company will charge the Customer for any maintenance visits with respect to service problems which are determined to arise from equipment or facilities not provided by the Company.

**2.1.6 Non-Routine Installations**

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

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.1 Undertaking of CTC Communications Corp. (Cont'd.)

2.1.7 Rights-of-Way

Any and all costs associated with obtaining and maintaining the rights-of-way from the point of entry at the Company location to the Customer, including but not limited to, the costs of installing conduit or of altering the structure to permit installation of Company provided facilities, shall be borne entirely by the Customer. Customer's use of such right-of-way and of agreements between the Company and such third parties relating thereto, including without limitation, the duration applicable and the condemnation of such rights-of-way, and shall not be in violation of any applicable governmental ordinance, law, rule, regulation or restriction. Where applicable, Customer agrees that it shall assist Company in the procurement and maintenance of such right-of-way.

2.1.8 Services Provided by Other Carriers

The Company shall have no responsibility with respect to billings, charges, or disputes related to services used by Customer, which are not included in the services herein, including, without limitation, any local, regional and long distance services not offered by the Company. Customer shall be fully responsible for the payment of any bills for such services and for the resolution of any disputes or discrepancies with the service provider.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.1 Undertaking of CTC Communications Corp. (Cont'd.)**

**2.1.9 Governmental Authorizations**

The provision of services under this Tariff is subject to and contingent upon the Company obtaining and retaining such approvals, consents, governmental authorizations, licenses and permits, as may be required or be deemed necessary by the Company. The Company shall use reasonable efforts to obtain and keep in effect all such approvals, consents, authorizations, licenses and permits that may be required to be obtained by it. The Company shall be entitled to take, and shall have no liability whatsoever for, any action necessary to bring the services into conformance with any rules, regulations, orders, decisions, or directives imposed by the Federal Communications Commission or any other applicable agency, and the Customer shall fully cooperate in and take such action as may be requested by Company to comply with any such rules, regulations, orders, decisions or directives.

**2.1.10 Changes or Substitutions**

Except as provided for equipment and systems subject to FCC part 68 regulations at 47 C.F.R. Section 68.110(b), the Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (i) substitution of different metallic facilities, (ii) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities, (iii) substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change in minimum protection criteria, (C) change in operating or maintenance characteristics of facilities, or (D) change operations or procedures of the Company. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 6 and 7, following. The Company shall not be responsible if any such substitution, change or rearrangement renders any customer's furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement affects the operating characteristics of the facility, the Company will provide reasonable time notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Company will work cooperatively with the customer to determine reasonable notification requirements.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.2 Limitations

- 2.2.1 Service is offered subject to the availability of the necessary facilities and equipment, and is subject to the provisions of this tariff.
  - 2.2.2 CTC reserves the right to discontinue or limit service when necessitated by conditions beyond its control, or when the Customer is using service in violation of provisions of this tariff or the law.
  - 2.2.3 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.
  - 2.2.4 The Company reserves the right to discontinue service, limit service, or to impose requirements on Customers or Subscribers as required to meet changing regulatory or statutory rules and standards, or when such rules and standards have an adverse material affect on the business or economic feasibility of providing service, as determined by CTC in its reasonable judgment.
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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.3 Assignment or Transfer**

All services provided under this tariff are directly or indirectly controlled by CTC and neither the Customer nor the Subscriber may transfer or assign the use of service or facilities without the express written consent of the Company. Such transfer or assignment shall only apply where there is no interruption of the use or location of the service or facilities.

Prior written permission from the Company is required before any assignment or transfer. All regulations and conditions contained in this tariff shall apply to all such permitted assignees or transferees, as well as all conditions of service.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.4 Use of Service

2.4.1 Lawful Use

Services provided under this tariff may be used for any lawful purpose for which the service is technically suited, subject to the terms of this tariff.

2.4.2 Resale

In conformance with the regulations in this Tariff, a private reseller and a reseller offering service for public use may receive service under CTC's other tariffs.

2.4.3 Access Service Connections

Equipment and systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with switched and special access service furnished by the Company where such connection is made in accordance with the provisions stated in Section 2 and in AS No. 1. A copy of AS No. 1 may be obtained from NECA, as specified in Section 1.2, preceding.

2.4.4 Title or Ownership Rights

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

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.4 Use of Service (Cont'd.)

2.4.5 Minimum Periods of Service

- A. The minimum periods for which services are provided and for which rates and charges are applicable, except as otherwise specified is one month. In the case of specialized service or arrangement provided on an individual case basis, one month is the minimum period of service unless a different minimum period is established with the individual case basis.
  - B. When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not. The applicable charge will be the total monthly charges at the rate in effect at the time service is discontinued, for the remainder of the minimum period plus all applicable NRCs.
  - C. If the period of use exceeds one month, the charges for the fractional part of a month following and consecutive with a full month are proportionate part of the monthly charges, based on the actual number of days the service is furnished. For the purpose of determining charges for a fractional part of a month, every month is considered to have thirty (30) days.
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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.4 Use of Service (Cont'd.)

2.4.6 Provision of Equipment and Facilities

- A. Except as otherwise indicated, customer-provided station equipment at the Customer's premises for use in conjunction with this service shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Company.
- B. The Company shall not be responsible for the installation, operation or maintenance of any Customer-provided communications equipment. Where such equipment is connected to service furnished pursuant to this tariff. The responsibility of the Company shall be limited to the furnishing of services under this tariff and to the maintenance and operation of such services in the proper manner. Subject to this responsibility, the Company shall not be responsible for:
  - 1. the through transmission of signals generated by Customer-provided equipment or for the quality of, or defects in, such transmission; or
  - 2. the reception of signals by Customer-provided equipment; or
  - 3. network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.5 Prohibited Use**

- 2.5.1 The services the Company offers shall not be used for any unlawful purpose or for any use for which the Customer has not obtained all required governmental approvals, authorization, licenses, consents and permits.
- 2.5.2 The Company may require applicants for service who intend to use the Company's offering 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 regulations, policies, orders, and decisions.
- 2.5.3 The Company may require a Customer to immediately shut down its transmission if such transmission is causing interference to others.
- 2.5.4 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 access 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.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.6 Responsibility of the Company

2.6.1 Scope

- A. The Company does not undertake to transmit messages under this tariff.
  - B. The Company will for maintenance purposes, test its services only to the extent necessary to detect and / or clear troubles.
  - C. The Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.
  - D. The provision of such services by the Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.
  - E. Signals applied to a metallic facility shall conform to the limitations set forth in AS No. 1. In the case of application of telegraph signaling systems, the customer shall be responsible, at its own expense, for the provision of current limiting devices to protect the Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.
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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.6 Responsibility of the Company (Cont'd.)

2.6.2 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 Section 2.14. 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.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.6 Responsibility of the Company (Cont'd.)

2.6.2 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 set forth in Section 2.1.3, preceding, 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.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.6 Responsibility of the Company (Cont'd.)

2.6.2 Liability of the Company (Cont'd.)

- H. The Company shall be indemnified, defended and held harmless by the Customer against any claim, loss or damage arising from the 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.
  - I. The Customer shall indemnify, defend, 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, 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.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.6 Responsibility of the Company (Cont'd.)**

**2.6.3 Provision of Service**

- A. The use, installation and restoration of services shall be in accordance with Part 64.401, Appendix A, of the FCC's Rules and Regulations, which specifies the priority system for such activities. Subject to the compliance with those rules, where a shortage of facilities or equipment exists at any time, either for temporary or protracted periods, the services offered herein will be provided to customers on a first-come, first-served basis.
- B. The services offered under the provisions of this tariff are subject to availability. The Company, to the extent that such services are or can be made available with reasonable effort; and after provision has been made for the Company's telephone exchange services, will provide to the customer upon reasonable notice services offered in other applicable sections of this tariff at the rates and charges specified therein.
- C. Services are provided Twenty-Four (24) hours daily, seven (7) days per week, except as set forth in other applicable sections of this tariff.

**2.3.4 The Point of Termination of Service**

The Access Services provided under this tariff include Company communications facilities up to the point of termination, which denotes the demarcation point, and will be installed by the Company to such point of termination. If the point of termination is moved subsequent to the original installation, move charges apply as appropriate as defined in Section 5 of this Tariff. Any additional terminations at the customer premises beyond such point of termination are the sole responsibility of the customer.

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Effective: October 1, 2011

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.7 Use of Recording Devices**

Customers and Authorized Users who use recording devices do so at their own risk. A Customer or Authorized User may only use a recording device if the Customer or Authorized User complies with the requirements of this section and only if the Customer or Authorized User is able to connect or disconnect the recording device, or turn the recording device on or off, at will.

2.7.1 A Customer or Authorized User may record a conversation if the Customer or Authorized User obtains written or verbal consent to the recording of all parties to the conversation prior to or at the beginning of the conversation.

2.7.2 A distinctive recorder tone must be repeated at intervals of approximately fifteen (15) seconds to alert all parties to the conversation that a recording device is being used.

2.7.3 The requirements set forth in Sections 2.7.1 and 2.7.2, preceding, are waived for Broadcast licensees who use a recording device to record a conversation for broadcast if all parties to the conversation are aware that the conversation will be broadcast.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination

2.8.1 Changes and Substitutions

- A. Except as provided for equipment and systems subject to FCC Part 68 rules in 47 C.F.R. Section 68.110.(b), the Company may, where such action is reasonably required in the operation of its business perform the following actions.
  - 1. Substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to the following:
    - a. Substitution of different metallic facilities;
    - b. Substitute of carrier or derived facilities for metallic facilities used to provide other than metallic facilities; and
    - c. Substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities.
  - 2. Change in minimum protection criteria.
  - 3. Change in operating or maintenance characteristics of facilities.
  - 4. Change in operations or procedures of the Company.

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.1 Changes and Substitutions (Cont'd.)

- B. In the case of any such situation, change or rearrangement, the transmission parameters will be within the range specified for the individual services involved. The Company shall not be responsible if any such substitution, change or rearrangement renders any Customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the customer will be given adequate notice in writing. Reasonable time will be allowed for any design and implementation required by the change in operating characteristics. The Company will work cooperatively with the customer to determine reasonable notification requirements.

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.2 Refusal an Discontinuance of Service

- A. Unless the provision of Section 2.8.5.B or Section 2.4.3, apply, if the customer fails to comply with Section 2.1.5, including any payments to be made by it on the dates and times herein specified, the Company may, on Thirty (30) Days written notice by US Certified Mail to the person designated by the Customer to receive such notices of noncompliance, refuse additional applications for the service and / or refuse to complete any pending orders for service at any time thereafter. If the Company does not refuse additional applications for service in the date specified in the Thirty (30) Day's notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Company's right to refuse additional applications for service without further notice.
  - B. Unless the provisions of Section 2.8.5 or 2.4.3, apply, if the customer fails to comply with Section 2.1.5, including any payments to be made by it on the dates and times herein specified, the Company may, on Thirty (30) days written notice by Certified Mail to the person designated by the customer to receive such notices of noncompliance, discontinue the provision of the services involved on the date specified in the Thirty (30) Days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services involved without further notice.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.8 Customer Notification and Coordination (Cont'd.)**

**2.8.2 Refusal an Discontinuance of Service (Cont'd.)**

- C. If the National Exchange Carrier association, Inc. notifies the Company that the customer has filed to comply with Section 8 of the National Exchange Carrier Associations, Inc Tariff F.C.C. No. 5 (Lifeline Assistance and Universal Service Fund charges) including any Customers failure to make payment on the date and times specified therein, the Company may, on thirty (30) days written notice to the customer by Certified US Mail, take any of the following actions: (1) refuse additional applications for service and/or (2) refuse to complete any pending orders for service, and / or discontinue service to the customer, In the case of discontinuance, all applicable charges, including termination charges shall become due.
  - D. The Company may discontinue the provision of service to the customer if it is determined by an inspection of the premises, or such other means as necessary, that such service, in fact, has been abandoned. All applicable charges, including termination charges shall become due.
  - E. Whenever FGD Switched Access Service of a customer is discontinued, as set forth in (B), (C), or (D) preceding, Pre-subscription Charge Application regulations as specified in Section 10.5, following shall apply.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.2 Refusal an Discontinuance of Service (Cont'd.)

- F. CTC may refuse or discontinue service to end-users without incurring any liability for noncompliance with and/or violation of any Federal, State or municipal law, ordinance or regulation pertaining to telephone service. Service may also be discontinued or refused for the following conditions:
1. For neglect or refusal to provide reasonable access to the Company for the purpose of inspection and maintenance of equipment owned by the Company.
  2. For noncompliance with and/or violation of the Commission's regulations or the Company's rules and regulations.
  3. For nonpayment of bills for telephone service thirty (30) days after bill rendering. Customer will be given written notice at least one (1) week in advance of disconnection.
  4. Without notice in the event of Customer use of equipment in such a manner as to adversely affect the Company's equipment or the Company's service to others.
  5. Without notice in the event of tampering with the equipment furnished and owned by the Company.
  6. For neglect or refusal to provide reasonable access to CTC or it agents for the purpose of inspection and maintenance of equipment owned by CTC or its agents.
  7. 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.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.2 Refusal an Discontinuance of Service (Cont'd.)

F. (Cont'd.)

8. 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.
  9. 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.
  10. 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.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.3 Service Affective Activities.

A. The Company will provide the customer timely notification of service affecting activities that may occur in normal operation of its business. Generally, such activities are not individual customer service specific; they affect many customer services. No specific advance notification period is applicable to all service activities. The 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. Such activities may include, but are not limited to the following activities.

1. Equipment or facilities additions,
  2. Removals or rearrangements,
  3. Routine and preventative maintenance,
  4. Major Switching machine change out.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.8 Customer Notification and Coordination (Cont'd.)**

**2.8.4 Provision of Ownership of Telephone Numbers**

- A. The Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with access services, or the Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business.
- B. Should it become necessary to make a change in such number(s), the Company will furnish to the customer six months notice, by Certified US Mail, of the effective date and an explanation of the reason(s) for such changes.
  - 1. In the case of emergency situations, (e.g., a fire in the wire center), it may be necessary to change a telephone number without six months notice in order to provide service to the customer.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.5 Interference or Impairments

- A. The Characteristics and methods of operation of any circuits, facilities or equipment provided by any entity other than the Company and associated with the facilities utilized to provide services under this tariff shall not: (a) interfere with or impair service over any facilities of the Company, affiliated companies or its connecting or concurring carriers involved in its services, (b) cause damage to their plant, (c) impair the privacy of any communications carried over Company facilities or create hazards to the employees of any of them or the public.
- B. Except as provided for equipment or systems subject to the FCC Part 68 rules in 47 C.F.R. 68.108, if such characteristics or methods of operation are not in accordance with the proceeding paragraph, the Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances.
  - 1. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance.
  - 2. During such period of temporary discontinuance, credit allowance for service interruptions is not applicable, as specified in Section 2.14, following.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.8 Customer Notification and Coordination (Cont'd.)

2.8.6 Customer Coordination with Respect to Network Contingencies

- A. The Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man made disasters which affect telecommunications services, subject to the restoration priority requirements Part 64.401 of the FCC's Rules and Regulations, which specifies the priority system for such activities.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer**

**2.9.1 Scope**

- A. The services provided under this tariff shall be maintained by the Company. The Customer or others may not rearrange, move disconnect, remove, or attempt to repair any facilities provided by the Company, other than by connection or disconnection to any interface means used, except with the written consent of the Company.
  - B. The Customer may not assign or transfer the use of services provided under this tariff; however, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to the following individual(s) or parties.
    - 1. Another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or
    - 2. A court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.
  - C. In all cases of assignment or transfer, the written acknowledgment of the Company is required prior to such assignment or transfer which acknowledgment shall be made within fifteen (15) days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.
  - D. The assignment or transfer of services does not relieve or discharge the assignor or the transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.2 Liability of the Customer

- A. The Customer shall pay all applicable charges as set forth in this tariff.

The Customer is responsible for any damage to or loss of the Company facilities or equipment caused by the acts or omissions of Customer, authorized user or joint user as defined by these regulations, unless caused by the negligence or willful misconduct of the employees or agents of the Company.

- B. The Customer shall reimburse the Company for damages to the Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer or resulting from the Customer's improper use of the Company's facilities, or due to malfunction of any facilities or equipment provided by other than the Company. The Company will, upon reimbursement for damages, cooperate with the Customer in prosecuting a claim against the person causing such damage and the Customer shall be subrogated to the right of recovery by the Company for the damages to the extent of such payment.

- C. With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and hold harmless the Company from and against all claims arising out of combining with, or use in connection with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the Customer.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.3 Liability of the Customer**

- D. The Customer shall defend, indemnify and hold harmless the Company from and against all law suits, claims, losses or damages including punitive damages, attorney's fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the Customer's circuits, facilities or equipment connected to the Company's services provided under this tariff, including without limitation Workmen's Compensation claims, actions for infringement of copyright and / or unauthorized use of program material, libel and slander actions based on content of communications transmitted over the Customer's circuits, facilities or equipment, and proceedings to recover taxes, fines or penalties for failure of the Customer to obtain or maintain in effect any necessary certificates, permits, licenses or other authority to acquire or operate the services provided under this tariff; provided, however the foregoing indemnification shall not apply to suits, claims and demands to recover damages for damage to property, death or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.
  - E. The Customer shall defend, indemnify and hold harmless the Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.3 Equipment Space and Power**

- A. The Customer shall make available to Company such space, power, environmental, conditioning and other resources at Customer's premises as Company shall request for the provisioning of services offered under this tariff. Customer shall provide the necessary equipment space, conduit, electrical power and suitable environmental conditions required to provide the services, as specified by the Company, at each Customer termination point, without charge or cost to the Company. Customer agrees to return such equipment and wiring to Company at the expiration of the applicable term in its original condition, ordinary wear and tear excepted. Customer shall bear the risk of any loss or damage to Company's equipment or wiring located at on Customer's premises, except where such loss or damage is caused by Company. Customer shall be responsible for insuring that the equipment, wiring, space and associated facilities, conduit and rights-of-way are protected against, fire, theft, vandalism or other casualty, and that the use thereof complies with the applicable laws, rules and regulations and with all applicable lease or other contractual agreements. Company shall install such wiring and equipment as reasonably directed by Customer to comply with lease or other contractual obligations to which Customer is a party.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.3 Equipment Space and Power (Cont'd.)**

- B. Customer shall provide a safe place to work which complies with all laws and regulations along the rights-of-way and in the equipment spaces which it is responsible for obtaining, and at which Company authorized personnel, employees, or agents may be installing, inspecting, maintaining, replacing, repairing or removing facilities and equipment.
- C. Customer shall arrange access to any of the rights-of-way, conduit, and equipment space which it is responsible for obtaining at any time so that Company's authorized personnel, employees, or agents may install, repair, maintain, inspect, replace or remove any and all facilities and associated equipment provided by Company. Access to such sites shall be made available at a time mutually agreeable to Customer and Company. Customer acknowledges that, when repair work is required to restore services after interruption, it may be necessary to provide access on a twenty-four (24) hour, seven (7) day a week basis. Company shall also have the right to obtain access to the cable installed in Customer provided conduit at any place or junction box. No credit allowance under Section 2.14, following, will be made for the period during which service is interrupted for such purposes.



Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.4 Ownership of Facilities and Theft

Facilities utilized by the Company to provide service under the provisions of this tariff shall remain the property of the Company. Such facilities shall be returned to the Company by the Customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit.

2.9.5 Availability for Testing

The services under this tariff shall be available to the Company at times mutually agreed upon in order to permit the Company to make tests, adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit allowance as specified in Section 2.14, following, will be allowed for any interruptions involved during such tests and adjustments.

2.9.6 Coordination with Respect to Network Contingencies.

The Customer shall, in cooperation with the Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man made disasters which affect telecommunications services.

2.9.7 Balance

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

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.8 Design of Customer Services**

Subject to the provisions set forth in Section 2.1.10, preceding, the Customer shall be solely responsible, at its own expense for overall design of its services and for any redesigning or rearrangement of its services which may be required because of a change of facilities, operations or procedures; however, the customer shall not represent that the Company jointly participates in the customer's service.

**2.9.9 References to the Company**

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

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.10 Jurisdictional Report Requirements**

**A. Usage Rated Reports**

1. For purposes of billing Switched Access Service usage rates, the Customer shall provide the information set forth in (1), (2) or (3) following.

- a. When a customer orders Feature Group B Switched Access Service for both intrastate and interstate use, the projected interstate percentage of use must be provided in a whole number to the Company. The Company will designate the number obtained by subtracting the projected interstate percentage of use from 100 as the projected intrastate percentage of use.
- b. For purposes of developing the projected interstate percentage, the customer shall consider every call that enters the customer's network at a point within the same state as the state where the called station is located to be intrastate and every call that enters the customer's network at a point in a state different from the state in which the called station is located to be interstate.
- c. These whole number percentages will be used by the Company to apportion the use, rates and / or nonrecurring charges between interstate and intrastate until a revised report is received as set forth in (C), following.

2. The projected interstate percentage of use as set forth in (1) preceding will be used to determine the charges as follows:

The number of access minutes for a group will be multiplied by the projected interstate percentage of use to determine the interstate access minutes. The number of interstate access minutes so determined will be subtracted from the total number of access minutes for the group to determine the intrastate access minutes (i.e., number of access minutes - interstate access minutes). The interstate access minutes for the group will be billed as set forth in section 6, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.10 Jurisdictional Report Requirements (Cont'd.)

A. Usage Rated Reports (Cont'd.)

3. For Feature Group D Switched Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows. For originating access minutes, the projected interstate percentage will be developed on a monthly basis by the end office when the Feature Group D (FGD) Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the originating access minutes when the call detail is adequate to determine the appropriate jurisdiction. For terminating access minutes, the data used by the company to develop the projected interstate percentage for originating access minutes will be used to develop such interstate percentage for such terminating access minutes. When a customer orders FGD Switched Access Service, the customer shall supply projected interstate percentage of use for each end office involved to be used in the event that originating call details are insufficient to determine the jurisdiction for the call. This percentage shall be used in the event that originating call details are insufficient to determine the jurisdiction for the call. This percentage shall be used by the Company as the projected interstate percentage for such call detail. For purposes of developing the projected interstate percentage, the customer shall utilize the same consideration as those set forth in (1)(b), preceding. The Company will designate the number obtained by subtracting the projected interstate percentage for originating and terminating access minutes from 100.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.9 Responsibilities of the Customer (Cont'd.)**

**2.9.10 Jurisdictional Report Requirements (Cont'd.)**

**A. Usage Rated Reports (Cont'd.)**

4. When a customer orders Directory Assistance Service, the customer, shall, in its order, provide the projected interstate percentage for terminating use in a whole number for each Directory Access Service group ordered. The Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer for 100 as the projected interstate percentage of use.
  5. When a customer orders Common Channel Signaling Access (CCSA) the customer shall state in its order projected interstate percentage of use in a whole number (0 to 100). The Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer from 100 as the projected intrastate percentage of use.
  6. When customer orders Billing Name and Address, as specified in Section 10, following, the customer shall state in its order the projected interstate percentage of use in a whole number. The Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer from 10-0 as the projected intrastate percentage of use.
  7. In order to provide credit for the Local Switching and / or CCL charges for interstate traffic which originates or terminated at the RTU Services, the following applies. Where the Company specific usage data is not available to identify the interstate traffic which originates or terminates in the RTU services the customer will provide recorded minutes of use (MOU) to the Company each month. This information shall be delivered to the Company at a location specified by the Company in a timely manner. If the required information is not received by the Company the previously reported information as described preceding will be used for the next two months or until the customer furnishes such information to the Company, whichever comes first. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Company by the customer.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.10 Jurisdictional Report Requirements (Cont'd.)

A. Usage Rated Reports (Cont'd.)

7. (Cont'd.)

In the event that actual recorded RTU interstate usage are unavailable, the customer shall provide a projected RTU percentage of interstate use (not subject to Local Switching and / or CCL) in a whole number. The Company will subtract the projected RTU interstate percentage for the originating and terminating access minutes from 100 (100 - projected RTU interstate percentage = non RTU interstate percentage subject to CCL and Local Switching).

B. Switched Access Service Entrance Facilities and Direct Trunked Transport Facilities

In addition to the report requirements set forth in (A) (1), (2) and (3) preceding, the customer must provide an interstate percentage of use in a whole number for each entrance facility and a separate interstate percentage of use in a whole number for each separately ordered and provided Direct Trunked Transport Facility. In the event that the customer orders an Entrance Facility and Direct Trunked Transport Facility as one physical facility, only one interstate percentage of use must be provided. At the customer's option, the interstate percentage of use must be provided. At the customer's option, the interstate percentage of use for Entrance Facilities and / or Direct trunk Transport Facilities may be provided in a whole number(s) on a LATA basis. The interstate percentage of use for the LATA must be provided for each Entrance Facility and / or Direct Trunked Transport facility when the customer places the order for service. These interstate percentages of use will be used in determining the monthly rates to be applied for the facilities as set forth in Section 2.9.11, following.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.10 Jurisdictional Report Requirements (Cont'd.)

C. Report Updates

1. Effective on the first of January, April, July and October of each year, the customer may update the jurisdictional reports that require a projected interstate or RTU interstate percentage. The customer shall forward to the company, to be received no later than 20 calendar days after the first of each such month, a revised report showing interstate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate and intrastate use. Except as set forth in (3) preceding where the jurisdiction can be determined from the call detail, or for BNA Service, where jurisdiction can be determined from the recorded message detail, the revised report will serve as the basis for the next three (3) months billing and will be effective on the bill date in the following month (i.e., February, May, August and November) for that service. No prorating or back-billing will be done based on the report. If the customer does not supply the report, the Company will assume the percentage to be the same as that provided in the last quarterly report. For those cases in which a quarterly report has never been received for the customer the Company will assume the percentage to be the same as that provided in order for service as set forth in 2.9.10.A.1, 3, 4, 5, 6, 7 and preceding.
  2. The customer reported projected interstate percentage of use as set forth in 2.9.10.A.3 preceding will be used for the apportionment of rates and nonrecurring charges associated with Feature Group D Switched Access Service until the end of a quarter during which the service was activated. Thereafter, a projected interstate percentage of use for such apportionment will be developed quarterly by the Company based on the data used to develop the projected interstate percentage of use as set forth in 2.9.10.A.3, preceding. Where call detail is insufficient to make such determination the customer reported projected interstate percentage of use as set forth in (1) preceding will be used by the Company for apportionment.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.10 Jurisdictional Report Requirements (Cont'd.)

D. Mixed Use Special Access Services

A Mixed Use Special Access is a Special Access Service (line) which carries both Intrastate and Interstate traffic.

1. When a customer orders a Mixed Use Special Access Service (line) which is entirely or partially physically intrastate, the customer must certify to the Company whether the physically intrastate portion of the service (line) is considered to be jurisdictionally intrastate or jurisdictionally interstate as follows:
  - a. If the customer estimates that the interstate Special Access traffic on the service (line) involved constitutes ten (10) percent or less of the total traffic on the service, the service is considered to be jurisdictionally intrastate and will be provided in accordance with the applicable rates and regulations of the appropriate intrastate tariff.
  - b. If the customer estimates that the interstate Special Access traffic on the service involved constitutes more than ten (10) percent of total traffic on the service, the service is considered to be jurisdictionally interstate and will be provided in accordance with the applicable rates and regulations of this tariff.
2. The customer may, at any time, update the jurisdictional report. The customer shall forward to the Company a revised report showing any change in jurisdiction. The revised report will serve as a basis for future billing and will be effective on the next business day following the receipt of the revised report. No back-billing will be done based on the report.



Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.10 Jurisdictional Report Requirements (Cont'd.)

E. Jurisdiction Report Verification

1. Switched Access Service

The customer shall keep sufficient detail from which the percentage of interstate use and / or the percentage of RTU interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once per year. The customer shall supply the data within thirty (30) calender days of the Company's request.

2. Mixed Use Special Access Service

In the event a dispute occurs concerning the appropriate jurisdiction, the customer shall furnish the Company the records used to make the determination of the jurisdiction. The customer shall supply the data within thirty (30) calender days of the Company request.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.9 Responsibilities of the Customer (Cont'd.)

2.9.11 Determination of Interstate Charges for Mixed Interstate and Intrastate Usage Rated Services

When a mixed interstate and intrastate usage rated services are provided, all charges (i.e., nonrecurring, usage and / or monthly) including optional features and Basic Service Element charges, will be prorated between interstate and intrastate. The percentage for interstate and intrastate as defined in Section 2.9.10.A - C for Switched Access Service will serve as the basis for prorating the charges, the percentage of service to be charges as interstate is applied in the following manner:

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

The interstate percentage will change as revised usage reports are submitted or a revised percentage is calculated as set forth in 2.9.10.C, preceding.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.10 Interconnection of Facilities

2.10.1 Interconnection of Facilities

- A. In order to protect the Company's facilities and personnel and the services furnished to other Customers by the Company from potentially harmful effects, the signals applied to the Company's service shall be such as not to cause damage to the facilities of the Company. Any special interface equipment necessary to achieve the compatibility between facilities of the Company and the channels or facilities of others shall be provided at the Customer's expense.

2.10.2 Inspections

- A. The Company may, upon notification to the Customer, at a reasonable time, make such tests and inspections as may be necessary to determine that the requirements regarding the equipment and interconnections are being complied with the installation, operation and maintenance of Customer-provided equipment and in the wiring of the connection of Customer channels to Company-owned facilities.
  - B. If the protective requirements in connection with Customer-provided equipment are not being complied with, the Company may take such action as necessary to protect its facilities and personnel and will promptly notify the Customer by registered mail in writing of the need for protective action. In the event that the Customer fails to advise the Company within ten (10) days after such notice is received or within the time specified in the notice that corrective action has been taken, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities and personnel from harm. The Company will, upon request twenty-four (24) hours in advance, provide the Customer with a statement of technical parameters that the Customer's equipment must meet.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.11 Customer Deposits and Advance Payments

2.11.1 Advance Payments

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 up to two (2) months of estimated monthly usage charges. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated non-recurring 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.

2.11.2 Deposits

The Company reserves the right to examine the credit record of a Customer. If the Customer's financial condition is unknown or unacceptable to the Company, the Customer may be required to provide the Company with a security deposit which the Company may apply against overdue charges.

- A. The amount of security deposit shall not exceed two month's estimated total monthly bill, and will be collected and maintained in accordance with the Department's rules and regulations. The fact that a security deposit has been made in no way relieves the customer from prompt payment of bills upon presentation nor does it constitute a waiver or modification of practices of the Company for discontinuance of service for nonpayment of any sums due for service rendered.
  - B. Interest is credited to the Customer annually, or upon termination of the service, or upon the return of the deposit by the Company. The rate of interest for business Customers is equivalent to the rate paid on a Two-Year United States Treasury notes for the proceeding 12 months ending December 31 as reported in the most current Federal Reserve Bulletin monthly publication.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements

2.12.1 Payment for Service

The Customer is responsible for payment of all charges for facilities and services furnished by the Company.

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 (excluding taxes on the Company's net income), however designated, imposed on or based upon the provision, sale or use of the Telephone services.

B. Special Taxes

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

C. The Company may adjust its rates and charges or impose additional rates and charges on its Customers in order to recover amounts it is required by governmental or quasi-governmental authorities to collect from or pay to others in support of statutory or regulatory programs. Examples of such programs include, but are not limited to, the Universal Service Fund (USF), the Presubscribed Interexchange Carrier Charge (PICC), and compensation to pay telephone service providers for the use of their pay telephones to access the Company's.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.1 Payment for Service (Cont'd.)

C. (Cont'd.)

1. Public Pay Telephone Surcharge

In order to recover the Company's expenses associated with the implementation of Section 276(b)(1)(A) of the Telecommunications Act of 1996, an undiscountable per call charge is applicable to all calls that originate from a domestic pay telephone used to access the company's services. The Public Pay Telephone Surcharge, which is in addition to standard tariffed usage charges and any applicable service charges and surcharges associated with the Company's service, applies for the use of the instrument used to access the Company's service and is unrelated to the Company's service accessed from the pay telephone.

Pay telephones include coin-operated and coinless phones owned by the local telephone companies, independent companies and other interexchange carriers. The Public Pay Telephone Surcharge applies to the initial completed call and any re-originated call (i.e., using the “#” symbol).

Whenever possible, the Public Pay Telephone Surcharge will appear on the same invoice containing the usage charges for the surcharged call. In cases where proper pay telephone coding digits are not transmitted to the Company prior to completion of the call, the Public Pay Telephone Surcharge may be billed on a subsequent invoice after the Company has obtained information from a carrier that the originating station is an eligible pay telephone.

The Public Pay telephone Surcharge does not apply to calls placed from pay telephones at which the customer pays for service by inserting coins during the progress of the call.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.1 Payment for Service (Cont'd.)

C. (Cont'd.)

2. Universal Service Fund Fee (USF)

In connection with the FCC's Universal Service Orders, the Company will pay a percentage of its retail revenues to support the Universal Service Fund ("USF"). The Company will pass-through the USF assessment to its Customers by assessing a surcharge equal to the most recent USF contribution factor(s) established by the Universal Service Administrative Company ("USAC").

The USF Fee will not be applied to services sold by the Company to a Customer for resale for which the Customer has filed a Universal Service Worksheet, unless the Customer has a de minimis exemption which exempts the Customer from paying directly into the fund. These percentages will be subject to periodic adjustment.

3. New York Telecommunications Excise Tax

For Customers in New York State, in the New York Telephone Company Operating territory, an Excise Tax on Telecommunications Services Surcharge of 3.0989% to recover Excise Taxes and the associated Metropolitan Commuter Transportation District Tax Surcharge applies to all rate and charges for service in this tariff except those of purchased for resale by a reseller who possesses a certificate of Necessity and Convenience from the New York Public Service Commission, or is designated as eligible for a sale - for - resale exclusion from the New York State Department of Taxation and Finance.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.12 Payment Arrangements (Cont'd.)**

**2.12.2 Billing and Collection of Charges**

The Customer is responsible for payment of all charges incurred by the Customer or other users for services and facilities furnished to the Customer by the Telephone Company.

- A. Non-recurring charges are due and payable within thirty (30) days after the date 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 and payable within thirty (30) days after the date of invoice. When billing is based upon customer usage, usage charges will be billed monthly for the preceding billing period.
  - 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.
  - D. Billing of the Customer by the Company will begin on the Service Commencement Date, which the day 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.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

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

- E. If any portion of the payment is received by the Company after the due date, or if any portion of the payment is received by the Company in funds which are not immediately available upon presentment, then a late penalty shall be due to the Company. The late payment penalty shall be the portion of the payment not received by the due date, multiplied by a later factor. The late factor shall be the lesser of (1) a rate of one and one-half percent (1.5%) per month or (2) the highest rate allowed by law.
  - F. The Customer will be assessed a charge of up to twenty dollars (\$20.00) for each check submitted by the Customer to the Company which a financial institution refuses to honor for insufficient funds or a non-existent account.
  - G. Customers have up to thirty (30) days (commencing 5 days after remittance of the bill) to initiate a dispute over charges or to receive credits.
  - H. If service is disconnected by the Company in accordance with Section 2.12.4, following and later restored, restoration of service will be subject to all applicable installation charges.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.3 Billing Disputes

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 invoice containing the disputed amount, request, and the Company will 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 any subsequent bills must be paid on timely basis or service shall be subject to cancellation.

2.12.4 Refusal or Discontinuance by the Company

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

Notice of discontinuance will be in writing at least one (1) week prior to the proposed discontinuance date. Service of notice by mail shall be considered complete upon mailing.

CTC may refuse or discontinue service to Customers for any of the following reasons:

- A. For noncompliance with or violation of any state, municipal, or federal law, ordinance or regulation pertaining to telephone service.
  - B. For noncompliance with or violation of Commission regulation or CTC's rules and regulations on file with the Commission.
  - 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.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.4 Refusal or Discontinuance by the Company (Cont'd.)

- D. For failure of the Customer to make proper application for service or for use of telephone 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 CTC or its agents.
- F. Without notice in the event of Customer use of equipment or services in such a manner as to adversely affect the Company's equipment or the Company's service to others.
- G. For neglect or refusal to provide reasonable access to CTC or its agents for the purpose of inspection and maintenance of equipment owned by CTC or its agents.
- H. For nonpayment of bills, provided that suspension or termination of service shall not be made with one (1) week written notice to the Customer 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. Without notice for unauthorized or unlawful use of Travel Service numbers and Authorization Codes. Travel Service numbers and Authorization Codes are issued only by the Company to the Customer and may not be sold or otherwise distributed without the written consent of the Company.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.4 Refusal or Discontinuance by the Company (Cont'd.)

- J. Without notice in the event of any other unauthorized or fraudulent use of service. Whenever service is discontinued for fraudulent use of service, CTC may, before restoring service, require the Customer to make, at his or her own expense, all changes in facilities or equipment necessary to eliminate illegal use and to pay an amount reasonably estimated as the loss in revenues resulting from such fraudulent use.
- K. For Customer's breach of contract for service between the Company and the Customer.

2.12.5 Notice to Company for Cancellation of Service

Customers, not receiving service pursuant to a term agreement with the Company, who desire to terminate service shall provide Company thirty (30) days written notice of desire to terminate service.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.12 Payment Arrangements (Cont'd.)**

**2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Company is Involved**

The provision of meet point billing are applicable to Local Transport Termination and Facility (if applicable), Transport Multiplexing, Switched Access Channel Mileage recurring charges only. The provision of meet point billing are also applicable to the Switched Access Local Switching Installation nonrecurring charge and the Directory Assistance Service Installation nonrecurring charge when the provision set forth , following are applicable. All other recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each company's rates as set forth in (B) through (E), following.

The Company accepts and adheres to the Ordering and Billing Forum guidelines, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD).

The Company will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Company is involved in the provision of Access Service as follows.

- A. When a Feature Group B Switched Access Service is ordered by a customer where one end of the Local Transport element is in the Company's service territory and the other end is located in another exchange company's service territory and when notified by the Company which excepts the order that the involved Exchange Telephone Companies cannot implement multi-company billing (meet billing), ordering, provisioning, rating, and billing regulations, as set forth in (1) preceding will also apply to the Feature Group B.

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Company is Involved

B. Except as set forth in the 2.12.6.A, preceding, when Feature Group D Switched Access Service or Directory Assistance Service is ordered by a customer where one end of the Local Transport Element is in the Company operating territory and the other end is in another Exchange Telephone Company operating Territory, the order shall be received as follows:

1. For Feature Group B and D Switched Access Service ordered to an end office, the Exchange Telephone Company in whose operating territory the end office is located must receive the order from the customer.
2. For Feature Group B or D Switched Access Service ordered to an Access Tandem, the Exchange Telephone Company in whose operating territory the access tandem is located must receive the order from the customer.
3. For services ordered in 1 or 2, preceding, the Exchange Telephone Company in whose operating territory the customer premises is located must also receive a copy of the order from the customer.

Each Exchange Telephone Company will provide the portion of the Local Transport element in its operating territory to an interconnection point (IP) with the another Exchange Telephone Company and will bill the charges in accordance with its Access Service Tariff. The rates for the Local Transport Element will be determined as set forth in 2.12.6.F, following. When Switched Access Service is ordered by a customer where the customer designated premises is located in the Company's Service Territory and neither the access tandem nor the end office is located in the Company's operating territory, the Switched Access Local Switching Installation nonrecurring will be determined as set forth in , following. When Directory Assistance Service is ordered by a customer where the customer designated premises is located in the Company's Service Territory and the DA location is located in another Exchange Telephone Company's operating territory, the DA Installation nonrecurring charge will be determined as set forth in , following. All other appropriate charges are in each Exchange Companies tariffs are applicable.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.12 Payment Arrangements (Cont'd.)**

**2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Company is Involved (Cont'd.)**

- C. When a WATS Access Line Service is ordered and Channel Mileage applies (i.e., the WATS Serving Office and the end user end office are not coterminous) and one end of the Channel Mileage element is in the Company operating territory and the other end is in another Exchange Telephone company operating territory, the Exchange Telephone Company whose operating territory the end office is located must receive the order from the customer. In addition, the Exchange telephone Company in whose operating territory the WATS Serving Office is located must also receive a copy of the order from the customer. Each Exchange Telephone Company will provide the portion of the Channel Mileage element in its operating territory to an Interconnection Point (IP) with the other Exchange telephone Company and will bill the charges in accordance with its Access Service tariff. The rate for channel mileage element will be determined as set forth in 2.12.6.F following. All other appropriate charges in each Exchange Telephone Company Tariff are applicable.
  - D. Except when a WATS Access Line Service is ordered as set forth in 2.12.6.C preceding, when a Special Access Service is ordered by a customer where one end of the Channel Mileage Element is in the Company Operating Territory and the other end is in another Exchange Telephone Company operating Territory, except for Special Access Service provided with the use of Hubs, either of the Exchange Telephone Companies may receive the order from the Customer. In addition, the other Exchange Telephone Company must receive a copy of the order from the customer. One of the Exchange Telephone Companies will coordinate the order as mutually agreed upon by the Exchange Telephone Companies. Each Exchange Telephone Company will provide the portion of the Channel Mileage Element in its operating territory to an Interconnection Point (IP) with another Exchange Telephone Company and will bill the charges in accordance with its Access Service Tariff. The rate for the Channel Mileage element will be determined as set forth in 2.12.6.F, following.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Company is Involved (Cont'd.)

- E. When Switched Access Service involving a Hub is ordered by a customer where the Hub is located in the Company's operating territory and neither the access tandem nor the end office is located in the Company's operating territory, the Switched Access Local Switching Installation nonrecurring charge will be determined as set forth in 2.12.6.L, following. All other appropriate charges in each exchange telephone Company tariff are applicable.

When Directory Access Service involving a Hub is ordered by a customer where the Hub is located in the Company's operating Territory and the DA Location is located in another Exchange Telephone Company's operating territory, the Directory Access Installation nonrecurring charge will be determined as set forth in 2.12.6.I, following. All other appropriate charges in each Exchange telephone Company's tariff are applicable.

- F. The rates for the Switched Access Local Transport Facility applicable to Host / Remote Transport Facility and Channel Mileage elements and the rate for the Special Access Channel Mileage for services provided as set forth in 2.12.6.B through 2.12.6.E preceding are determined as follows.
1. Determine the appropriate Switched Access Local Transport Channel Mileage, Local Transport Facility applicable Host / Remote Transport Facility, Special Access Channel Mileage by computing the Airline Mileage between the two end of the Local Transport Channel Mileage, Local Transport Facility, Host / Remote Transport Facility or Special Access Channel Mileage element. Determine the airline mileage for the Local Transport Channel Mileage, Local Transport Facility Charge, Host / Remote Transport Facility Charge using V&H method as set forth in as set forth in Section 2.13.2, following.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd.)

F. (Cont'd.)

2. For Feature Group B and Feature D Switched Access Service with Tandem Switched Transport, the transport charges are determined as set forth in 2.12.6.F.2.a through g, following.

- a. Multiply:

The number of access minutes by the number of airline miles as determined in 2.12.6.A preceding by the Company's appropriate Local Transport Facility per mile per access minute rate by the Company's billing percentage factor.

- b. Divide:

The product of a by 100. The resulting amount is the total Local Transport Facility Charge.

- c. Multiply:

The number of access minutes by the Company's appropriate Local Transport Termination per minute rate.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd.)

F. (Cont'd.)

2. (Cont'd.)

d. Divide:

The product of (c) by two (2). The resulting amount is the total Local Transport Termination charge.

e. Multiply

The number of access minutes by the Company's appropriate Transport Multiplexing per minute rate

f. Divide:

The product of c by two (2). The resulting amount is the total Transport Multiplexing charge.

g. Add:

The products of b, d and f for the Total Local Transport charges subject to Meet Point Billing regulations.\*

The products of 2.12.6.F.1 and 2.12.6.F.2 for the Company's total Local Transport-Common Switched Transport charges.

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\* Additional Local Transport Rates and charges may apply as set forth in Section 6, following, which are not subject to Meet Point Billing regulations

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.12 Payment Arrangements (Cont'd.)

2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd.)

F. (Cont'd.)

3. For Feature Group B and D Switched Access Service with Direct Trunked transport, determine the rate (utilizing both the fixed and per mile channel mileage elements) for airline mileage determined in (1) preceding. Multiply such rate by the Company's billing percentage factor and divide by 100 to obtain the Local Transport channel Mileage element charges.
4. For Special Access Service, determine the rate (utilizing both the fixed and the per mile Channel Mileage rate elements) for the airline mileage determined in (1) preceding using the Company's Tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Channel Mileage element charges.

G. The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage (BP) factor for the Company for the service between the involved offices is listed in the National Exchange Carrier Association, Inc. Tariff No. 4.

H. If any charges are made in meet point billing arrangements as set forth in 2.12.6.B through 2.12.6.E preceding, the Company will give affected customer's 30 day's notice.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.12 Payment Arrangements (Cont'd.)**

**2.12.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd.)**

- I. When Switched Access Service is ordered by a customer where the customer designated premises or Hub is located in the Company operating territory and neither access tandem nor the end office is located in the Company's Operating Territory, the charge for Switched Access Service Local Switching Installation nonrecurring charge which applies per line or trunk will be an amount equal to one half of the local Switching Installation nonrecurring charge for each line or trunk provided to the end office or access tandem. All remaining nonrecurring charges for the local transport provided by the Company in its operating territory are applicable.

When Directory Access Service is ordered by a customer where the customer designated premises is located in the Company's Operating Territory and the DA location is located in another Exchange Telephone Company's operating territory, the charge for the Directory Access Service Installation nonrecurring charge which applies per trunk will be an amount equal to one half of the Directory Access Service Installation nonrecurring charge for each trunk provided to the DA location. All remaining nonrecurring charges for the Local Transport provided by the Company in its operating territory are applicable.

- J. If the Company acts as an intermediate, non-terminating local exchange carrier, Tandem Switched Transport Termination, Direct Trunked Transport Channel Mileage fixed rates and / or Special Access Channel Mileage fixed rates, as determined in (F) preceding, will not be applied to the meet point arrangement.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.12 Payment Arrangements (Cont'd.)**

**2.12.7 Ordering, Rating and Billing of Access Services when a Radio Telephone Utility (RTU) Carrier Service and Telecommunications Relay Service (TRS) Interconnection Are Involved.**

When Switched Access Service involves interstate traffic which originates or terminates to RTU Services, where the local transport is provided by the Company and the end user connection is provided by an RTU Carrier, the Company will provide its part of the Switched Access Service in accordance with Section 6 following, subject to the following regulations.

- A. For traffic which originates or terminates at a RTU Interconnection, Carrier Common Line Access Service and Switched Access Service Local Switching rates and charges as specified in Section 4.9 and 6.8 following, respectively will not apply
- B. For traffic which originates at TRS Equal Access Interconnections through provided through a Access Tandem, Carrier Common Line Access Service and Switched Access Service Local Switching Rates and Charges as set forth in Section 4.9. and Section 6.8, following, respectively, will not apply to that portion of the call from the serving wire center of the TRS carrier to the serving wire center of the Interexchange Carrier. The mileage used to determine the Direct Trunked Transport Channel Mileage billed to the TRS Carrier and the Channel Mileage or Local Transport Facility mileage billed to the Interexchange Carrier is calculated as set forth in Section , following.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.13 Application of Rates

The regulations set forth in this section govern the application of rates for services contained in other section of this tariff.

2.13.1 Charges Based On Duration of Use

Originating and terminating calls will be measured by the Company to determine the basis for computing chargeable access minutes.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.13 Application of Rates (Cont'd.)**

**2.13.2 Rates Based Upon Distance**

Where the charges for service are specified based upon distance, the following rules apply:

- A. Distance for jointly provided transport would be calculated between the subtending tandem and the Company's host switch. In instances where the host switch is located inside a rate center, as defined, by the Incumbent Local Exchange Carrier, normally served by a different serving wire center, the distance between the host switch and the serving wire center normally associated with that rate center also applies and is measured as airline distance between the Company's host switch and the serving wire center serving that rate center.

The serving wire center is a set of geographic coordinates as referenced in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC NO. 4. Associated with the serving wire centers are NPA-NXX combinations (where NPA is the area code and NXX is the first three digits of a seven-digit telephone number). The NPA NXX combinations. Except that, until the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 is revised to include certain Company wire centers and remote service areas, the airline distance should be determined utilizing the following "V" (vertical) and "H" (horizontal) coordinates:

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**ACCESS SERVICE**

**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.13 Application of Rates (Cont'd.)

2.13.2 Rates Based Upon Distance

A. (Cont'd.)

1. LATA #126

Host Switch						
State	NPA	NXX	Rate Center Name	CLLI	V&H Coordinates	
					V	H
MA	413	216	Easthampton	SPFDMAXLBB0	4617.83	1406.48
MA	413	217	Williamstown	SPFDMAXLBB0	4617.83	1406.48
MA	413	233	Springfield	SPFDMAXLBB0	4617.83	1406.48
MA	413	255	Greenfield	SPFDMAXLBB0	4617.83	1406.48
MA	413	353	Amherst	SPFDMAXLBB0	4617.83	1406.48
MA	413	389	NorthAdams	SPFDMAXLBB0	4617.83	1406.48
MA	413	437	Holyoke	SPFDMAXLBB0	4617.83	1406.48
MA	413	455	Ludlow	SPFDMAXLBB0	4617.83	1406.48
MA	413	486	East Longmeadow	SPFDMAXLBB0	4617.83	1406.48
MA	413	509	Wilbraham	SPFDMAXLBB0	4617.83	1406.48
MA	413	570	Northampton	SPFDMAXLBB0	4617.83	1406.48
MA	413	571	Great Barrington	SPFDMAXLBB0	4617.83	1406.48
MA	413	615	Ware	SPFDMAXLBB0	4617.83	1406.48
MA	413	629	Pittsfield	SPFDMAXLBB0	4617.83	1406.48
MA	413	688	South Deerfield	SPFDMAXLBB0	4617.83	1406.48
MA	413	701	Monson	SPFDMAXLBB0	4617.83	1406.48
MA	413	767	Palmer	SPFDMAXLBB0	4617.83	1406.48
MA	413	833	Stockbridge	SPFDMAXLBB0	4617.83	1406.48
MA	413	875	Westfield	SPFDMAXLBB0	4617.83	1406.48
MA	413	888	Chicopee	SPFDMAXLBB0	4617.83	1406.48
MA	413	935	Longmeadow	SPFDMAXLBB0	4617.83	1406.48
MA	413	937	Lee	SPFDMAXLBB0	4617.83	1406.48
MA	413	998	Southwick	SPFDMAXLBB0	4617.83	1406.48



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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.13 Application of Rates (Cont'd.)

2.13.2 Rates Based Upon Distance

B. The airline distance between any two wire centers is determined as follows:

1. Obtain the "V" and "H" coordinates from the above-referenced NECA tariff.
  2. Compute the difference between the "V" coordinates of the two wire centers; and the difference between the two "H" coordinates.
  3. Square each difference obtained in step (2) above.
  4. Add the square of the "V" difference and the square of the "H" difference obtained in step (3).
  5. Divide the sum of the squares by 10. Round to the next higher whole number if any fraction is obtained.
  6. Obtain the square root of the whole number result obtained above. Round to the next higher whole number if any fraction is obtained. This is the airline mileage.
  7. FORMULA =
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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

**2.14 Allowances for Interruptions**

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 Section 2.14.1 following, for the part of the service that the interruption affects.

**2.14.1 Credit for Interruptions**

- A. A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff. An interruption period begins when the Customer reports a service, facility or circuit to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- B. For calculating credit allowances, every month is considered to have thirty (30) days. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 2 - GENERAL REGULATIONS (CONT'D.)**

2.14 Allowances for Interruptions (Cont'd.)

2.14.2 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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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 3 - END USER ACCESS SERVICE**

**3.1 General Description**

The Company will provide End User Access Service to End Users who obtain local exchange service from the Company under its general or exchange tariffs. End User Access provides for the use of an Common Line (CL). End User Access Service consists of Common Line (CL) Charges, End User Port Charges (EUPC) and Presubscribed Interexchange Carriers Charges (PICC). End users who obtain End User Access Service are subject to the CL and the EUPC regulations. Interexchange carriers who furnish interstate telecommunications to end users are subject to PICC regulations. End Users that do not select a Primary Interchange Carrier are subject to PICC regulations.

**3.2 Limitations**

- 3.2.1 A telephone number is not provided with End User Access.
- 3.2.2 Detail billing is not allowed with End User Access
- 3.2.3 Directory Listings are not included with End User Access.
- 3.2.4 Intercept Arrangements are included with End User Access.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 3 - END USER ACCESS SERVICE (CONT'D.)**

**3.3 Undertaking of the Company**

The Company will provide use of End User Access at rates and charges set forth in Section 13.2, of this tariff, as follows:

- Use of an CL by an end user, in connection with interstate Access Service provided under this tariff. Such use will be provided when the end user obtains local telephone exchange service
- The Company will be responsible for contracts and arrangements with end users for the billing of End User Access Charges.

**3.4 Obligations of the End User**

When the end user is a Radio Common Carrier (RCC), or a Maritime Radio Common Carrier (MRCC), it shall designate whether the local exchange service it is provided by the Company are used as access for its services or used as administrative lines.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 3 - END USER ACCESS SERVICE (CONT'D.)**

**3.5 Payment Arrangements and Credit Allowances**

**3.5.1 Minimum Period**

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

**3.5.2 Cancellation of Application**

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

**3.5.3 Changes to Orders**

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

**3.5.4 Allowance for Interruption**

When there is an interruption to an CL, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions of Switched Access in Section 2.14, preceding.

**3.5.5 Temporary Suspension of Service**

When an end user temporarily suspends its local exchange service which is associated with CL, one-half of the CL per month charge will be temporarily suspended for the time period the local exchange service is suspended.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 3 - END USER ACCESS SERVICE (CONT'D.)**

**3.6 Rate Regulations**

The Common Line and any applicable End User Port Monthly Charges will be billed to the end user of the associated local exchange service.

The total number of Company-provided lines and trunks for which the interexchange carrier customer has been selected as the predesignated carrier for interLATA, interstate calls will be multiplied by the appropriate Pre-subscribed Interexchange Carrier Charge (PICC) on a monthly basis as set forth in Section 13.3, following and assessed to the primary interexchange carrier of the associated local telephone exchange service. The Company will update its PICC information on the first Saturday of each month. If PIC NONE is designated in any lines or trunks, the appropriate PICC will be assessed to the end user customer subscribing to the line or trunk.

If an interexchange carrier customer chooses to terminate service of an end user for nonpayment or other tariff violation and wishes to avoid liability for the PICC, the customer must (1) comply with the end user notification regulations and (2) at least fifteen (15) days prior to the Company's monthly PICC update and in a format mutually agreed upon by the Customer and the Company, provide notice to the Company that it has discontinued service to its end user customer.

In the event notice is provided less than 15 days before the monthly PICC update, the Company will make every reasonable effort to change the end user line designation to PIC NONE. However, if the Telephone Company is unable to accomplish the change prior to the PICC update, the Company will continue to assess the PICC to the interexchange carrier customer until the following month's update.

The application of these rates is described in 3.6.1 and 3.6.2 following. End User Access Service rates are set forth Section 13.2. following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 3 - END USER ACCESS SERVICE (CONT'D.)**

**3.6 Rate Regulations (Cont'd.)**

**3.6.1 End User Common Line (EUCL) Charge**

EUCL charges will apply to End Users for the use of Company common lines for access to interstate communications. These charges will be provided on a per line basis

**3.6.2 Presubscribed Interexchange Carrier Charge (PICC)**

The Presubscribed Interexchange Carrier Charge (PICC) is a per line 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 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.

**3.6.3 End User Port Charge**

Certain local exchange services provided under the Company's local exchange service tariffs are subject to End User Port Charges. These services include ISDN (both BRI and PRI), Digital PBX Service and DID Service.

**3.6.4 Wireless Service Provider Number Portability**

The Wireless Service Provider Number Portability ("Wireless SPNP") Surcharge recovers Company incremental costs directly related to providing long term wireless portability. It is billed on a monthly basis to all Company end users, line side access customers, resale customers.

The Wireless SPNP Surcharge will apply to lines, PBX Trunks and ISDN PRI. The PBX Trunk Charge is equivalent to Nine (9) line charges and the ISDN PRI charge is equivalent to 5 line charges.

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ACCESS SERVICE

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**SECTION 3 - END USER ACCESS SERVICE (CONT'D.)**

3.6 Rate Regulations (Cont'd.)

3.6.5 Local Number Portability

Local Number Portability (LNP) is a service that provides residential and business Customers with the ability to retain, at the same location, their existing local telephone numbers when switching from one local telephone service provider to another. The LNP charge recovers the Company's cost for maintenance and support of number portability and applies to all local voice lines prescribed to the Company. Up to the five (5) LNP charges will apply when local voice service is delivered to a Customer via a T-1 and ISDN-PRI connection.

3.6.6 Regulatory Cost Recovery Fee (RCRF)

The Regulatory Cost Recovery Fee (RCRF) is a monthly charge assessed on end users that allow the Company to recover costs associated with the compliance with various federal regulatory fees and programs. This charge is not a government-imposed fee. The RCRF rate is 3.5% percent of a Customer's net interstate and international service charges, exclusive of taxes. This charge is not subject to any discounting and does not contribute to any monthly minimums.

3.6.7 Presubscribed Interexchange Long Distance (PILD) Charge

The Presubscribed Interexchange Long Distance (PILD) Charge is a monthly charge applicable to multi-line business, ISDN-PRI and T01 Customers, the Company will assess five (5) PILD charges per circuit. 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.

3.6.8 Billing & Collections Fee

A monthly billing and collection fee applies per billing statement. This charge allows the Company to recover costs associated with statement rendering collection activities.

3.6.9 Access Recovery Charge (ARC)

The Access Recovery Charge (ARC) is a monthly charge authorized by the FCC as part of its Inter-carrier Compensation (ICC) Reform initiative. The ARC is designed to recover increased network costs for access circuits used to provide service to customers. For CTC resale customers, the ARC will be equivalent to the ARC charged by the applicable incumbent local exchange carrier.

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(N)

3.7 Rates and Charges

Rates and Charges for End User Access are found in Section 13.2, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE**

**4.1 General**

The Company will provide Carrier Common Line Access Service to Customers in conjunction with Switched Access Service provided in Section 6, following.

**4.1.1 Description**

Carrier Common Lines Access provides for the use of end users' Company provided Common lines by Customers for access to such end users to furnish Interstate Communications.

Premium Access is (1) Switched Access Service provided to Customers under this tariff which furnish interstate MTS / WATs and (2) switched Access Service in an end office converted to equal access.

Non Premium Access is Switched Access Service provided in an end office not yet converted to equal access to customers that do not furnish interstate MTS / WATS.

In addition, in the New York Metropolitan LATA, when Carrier Common Line Access is provided in conjunction with Feature Group B (FGB) or Feature Group D (FGD), the Carrier Common Line Access charge is designated as either Multiline Business or Single Line. This application is based upon the classification of the local exchange service of the Customer's end user.

A Carrier Common Line Presubscribed Line Charge, as set forth in Section 13.2, following, will apply to customers who obtain Carrier Common Line Access within the New York Metro LATA, in accordance with regulations set forth in Section 4 following. This charge applies in addition to the Presubscribed Interexchange Carrier Charge(s), set forth in Section 13.2, following.

A Special Access Surcharge as set forth in Section 13.6 following, will apply to interstate special access service provided by the Company to a customer, in accordance with regulations as set forth in Section 7.4.2, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.2 Limitations**

**4.2.1 Exclusions**

Neither a telephone number nor detail billing are provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

**4.2.2 Access Groups**

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

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

**4.2.3 WATS Access Lines**

Where Switched Access Services are connected with Special Access Services at Company designated WATS Serving Offices for the provision of WATS or WATS type services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS and WATS Type service and terminating minutes for inbound WATS and WATS Type services) shall not be assessed a Carrier Common Access Line per minute charges with the following exception. Carrier Common Line per minute charges shall apply when Feature Group B switched access is ordered from a non equal access Company office that does not have a measurement capabilities and the assumed average access minutes, as set forth in Section 6, following, are used.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.3 Undertaking of the Company**

**4.3.1 Provision of Service**

Where the Customer is provided Switched Access Service under other sections of this tariff, the Company will provide the use of Company Common Lines by a customer for access to end users at rates and charges as set forth in Section 13.3, following.

**4.3.2 Interstate and Intrastate Use**

The Switched Access Service provided by the Company includes the Company includes the Switched Access Service provided for both Interstate and Intrastate communications. The Carrier Common Line Access rates and charges as set forth in section 13.3, following, apply to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in Section 4.8.4, following (Percent Interstate Use - PIU).

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.4 Responsibility of the Customer

4.4.1 Switched Access Service Requirement

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

4.4.2 Supervision

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

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.5 Determination of Usage Subject to Carrier Common Line Access Charges**

Except as set forth herein, all Switched Access Service provided to the Customer will be subject to Carrier Common Line Access Charges.

**4.5.1 Determination of Jurisdiction**

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the Customer for Interstate will be determined as set forth in Section 4.7.4, following (Percent of Interstate Use -PIU).

**4.5.2 Local Exchange Access and Enhanced Services Exemption**

When access to the local exchange is required to provide a customer service (e.g., MTS / WATS-type, telex, data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 6 following will apply, except when such access to the local exchange is required for the provision of enhanced service. Carrier Common Line Access rates and charges as set forth in Section 13.3, following apply in accordance with resale rate regulations as set forth in Section 4.6.4, following.

**4.5.3 Common Channel Signaling Access Exemption**

The Common Channel Signaling Access Signal Transfer Point (STP) Link Termination and STP Port, as set forth in Section 6 following, are not subject to a Carrier Common Line charge.

**4.5.4 Dedicated Link Exemption**

A Carrier Common Line charge does not apply to the Dedicated Link used with the Night Transfer, SMDI and trunk Group Make Busy BSEs.

**4.5.5 Radio Telephone Utility (RTU) and Telecommunications Relay Service (TRS) Exemptions**

Interstate traffic which originates at TRS Interconnection or originates or terminates at RTU Interconnections is not subject to a Carrier Common Line.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.6 Resold Services**

**4.6.1 Scope**

Where the customer is reselling MTS and or MTS - Type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the Customer, obtain Feature Group B or Feature Group D Switched Access Service under this tariff as set forth in Section 6, following, for originating and terminating access in the local exchange. Such access group arrangements whether single lines or trunks or multiline hunt groups or trunk groups will have Carrier Common Line Access charges applied as set forth in Section 13.3, following in accordance with the resale rate regulations set forth on 4.6.4, following. For purposes of administering this provision:

Resold interstate terminating MTS and MTS-Type services shall include collect calls, third number calls and credit cards calls where the reseller pays the underlying carrier's service charges; and shall not include intrastate minutes of use. Resold interstate originating MTS and MTS Type service(s) shall not include collect, third number, credit card call or intrastate minute of use.

**4.6.2 Customer Obligations Concerning then Resale of MTS or MTS-type Services**

When the Customer is reselling MTS and / or MTS-type service as set forth in Section 4.6.1, preceding, the customer will be charged Carrier Common Line Access charges in accordance with the resale rate regulations as set forth in Section 4.6.4, following, if the customer or the provider of the MTS service furnishes documentation of the MTS usage and / or the customer furnishes documentation of MTS-Type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and / or MTS Type service.

The monthly period used to determine the minutes of use for resold MTS and / or MTS-type services(s) shall be the most recent monthly period for which the customer has received bill for such resold service(s). This information shall be delivered to the Company at a location specified by the Company, no later than fifteen (15) days after the bill date shown on the resold MTS and / or MTS - type service bill. If the required information is not received by the Company, the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Company by the Customer.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.6 Resold Services (Cont'd.)**

**4.6.3 Resale Documentation Provided by the Customer**

When the Customer utilizes Switched Access Service as set forth in 4.6.2, preceding, the Company may request a certified copy of the customer's resold MTS or MTS - Type Service. Requests usage billing from either the customer or the provider of the MTS or MTS - type Service. Requests for billing will relate back no more than twelve (12) months prior to the current billing period.

**4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services**

When the customer is provided an access group to be used in conjunction with the resale of MTS and / or MTS-type services as set forth in Section 4.6.1 preceding, subject to the limitation as set forth in Section 4.2, preceding, and the Company received the usage information required as set forth in 4.6.2 preceding, to calculate the adjustment of Carrier Common Line Access charges, the customer will be billed as set forth in 4.6.4.D - F following, depending upon, respectively, whether the usage is from non equal access offices, equal access office or a combination of the two.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.6 Resold Services (Cont'd.)**

**4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services (Cont'd.)**

**A. Apportionment and Adjustment of Resold Minutes of Use.**

When the customer is provided with more than one access group in a LATA in association with the resale of MTS or MTS - type services, the resold minutes of use will be apportioned as follows:

**1. Originating Services**

The telephone Company will apportion the resold originating MTS and MTS / type Services and originating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for each access group to the total originating usage for all access groups in the LATA. For purposes of administering this provision:

Resold originating MTS and / or MTS - type services minutes shall be only those attributable to interstate originating MTS or MTS - Type minutes and shall not include collect, third number, credit card or intrastate minutes of use.

The resale credit adjustment shall apply for resold originating MTS or MTS-Type services minutes of use, provided Carrier Common Line and Switched Access charges have been assessed on such services

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.6 Resold Services (Cont'd.)**

**4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,**

**A. Apportionment and Adjustment of Resold Minutes of Use (Cont'd.)**

**2. Terminating Services**

The Company will apportion the resold terminating MTS or MTS -Type services and terminating Minutes of Use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

Resold terminating MTS or MTS -Type service minutes shall be only those attributable to interstate terminating MTS or MTS- Type Services (i.e., collect call, third number party and credit card calls) and shall not include intrastate minutes of use or MTS or MTS-Type minute of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS or MTS - Type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

**B. Same State / Same Telephone Company / Exchange Limitation**

In order for the rate regulations to apply as set forth in 4.6.4.D - F following, the access groups and the resold MTS and / or MTS Type Services must be provided in the same state (except when the same area service arrangement is provided in two different states by the same Company and connected directly or indirectly. For these exchanges that encompass more than one state, the customer shall report the information by state within the exchange.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.6 Resold Services (Cont'd.)

4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,

C. Direct or Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS and / or MTS-Type services must be connected either directly or indirectly to the customer designated premises at which the resold MTS or MTS-Type services are those arrangements where the access groups and resold MTS and / or MTS - Type services are terminated at the same customer designated premises.

Indirect originating connections are those arrangements where the access groups and the resold originating MTS or MTS -Type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS and / or MTS-Type services to access groups.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS or MTS - type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS and / or MTS-type services to access groups.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.6 Resold Services (Cont'd.)

4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,

D. Access Groups - Non Equal Offices Only

The adjustments as set forth here and in (E) and (F) following will be computed separately for each access group.

When all the usage on an access group originates from and / or terminates at end offices that have not been converted to equal access the Non Premium Charge as set forth in Section 13.3, following apply. The Access Minutes which will be subject to Carrier Common Line Access Charges will be the adjusted originating Interstate access minutes plus the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and / or MTS-Type service minutes of use as set forth in Section 4.6.4.A.1., preceding but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold minutes of use as set forth in section 4.6.4.A.2., preceding, but not less than zero.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.6 Resold Services (Cont'd.)

4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,

E. Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and / or terminates at the end offices that have been converted to equal access the Premium Access Charge per minute as set forth in Section 13.3. following. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes and the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and / or MTS-Type Service minutes of use as set forth in Section 4.6.4.A.1 , preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS or MTS- Type service minutes of use as set forth in Section 4.6.4.A.2 preceding; but not less than zero.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.6 Resold Services (Cont'd.)**

**4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,**

**F. Access Groups - Non Equal Access and Equal Access Offices**

When an Access Group has usage that originates from and / or terminates at both end offices that have been converted to equal access and end office that have not been converted, both Premium per minute charge as set forth in Section 13.3, following will apply. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and / or MTS-type service minutes less of use as set forth in Section 4.6.4.A. 1, preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and / or MTS - type service minutes of use as set forth in Section 4.6.4.A.2, preceding; but not less than zero.

The adjusted originating access minutes and the adjusted terminating access minutes will be apportioned between premium and non premium access minutes using end office specific usage data when available, the premium and non premium ratios developed as set for in Section 6, following. The Premium and Non Premium per minute charges set forth in Section 13.3, following will be the respective premium and non premium access minutes determined in this manner.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.6 Resold Services (Cont'd.)

4.6.4 Rate Regulations Concerning the Resale of MTS and MTS - Type Services,

G. When the Adjustment will be applied to Customer Bills

The adjustment as set forth in 4.6.4.D - F preceding will be made to the involved customer account no later either the next bill date, or the one subsequent to that, depending on when the usage report is obtained.

H. Conversion of Billed Usage to Minutes

When MTS and / or MTS - Type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS or MTS-type minutes of use. If the MTS or MTS-Type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

I. Percent of Interstate Use

The adjustment as set forth in 4.6.4.D - F preceding will be made to the involved customer account after making the adjustments to the customer account as set forth in 4.8.4.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.7 Rate Regulations

4.7.1 Billing of Charges

Except for those services set forth in Sections 4.5.2, 4.5.3., 4.5.4, and 4.5.5, preceding, Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in Section 2.4.2., (involvement with RTU or TRS Services) preceding, 4.7.5, following (Determination of Premium and Non Premium Charges), except as set forth in Section 4.6.4., preceding (Resale) and Section 4.7.4. following (PIU).

4.7.2 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by the Company equipment except as set forth 4.7.3, following (Feature Group B). The Company measuring and recording equipment, except as set forth in Section 4.7.3, following (FGB), will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by-line basis, by line group or by end office, whichever type of account is used by the Company, for each customer and then rounded to the nearest minute.



Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.7 Rate Regulations (Cont'd.)**

**4.7.3 Unmeasured Feature Group B Usage**

When a Carrier Common Line Access is provided in association with Feature Group B Switched Access Service in Company offices that are not equipped for measurement capabilities, assumed average interstate access minutes will be used to determine Carrier Common Line Access Charges. These assumed access minutes are as set forth in Section 6.7.6, following.

**4.7.4 Percent of Interstate Use (PIU)**

When the Customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only top interstate Switched Access Service access minutes based on the data reported by the Customer as set forth in Section 2.9.10, preceding (Jurisdictional Reports), except where the Company is billing according to actuals by jurisdiction. Interstate Switched Access Service access minutes will, after adjustment as set forth in 4.6.4, preceding (Resale), when necessary, be used to determine Carrier Common line Charges as set in 4.8.5, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.7 Rate Regulations (Cont'd.)**

**4.7.5 Determination of Premium and Non-Premium Charges**

After the adjustments as set forth in Sections 4.6.4 and 4.7.4 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 premium rates Switched Access Service subject to Carrier Common Line charges will be multiplied by the appropriate Premium Access per minute rate as set forth in Section 13.3, following.
  - B. Access minutes for all non-premium rated Switched Access Service subject to Carrier Common Line Charges will be multiplied by the appropriate Non-Premium Access per minute rate as set forth in 13.3, following.
  - C. Carrier Common line Charges shall not be reduced as set forth in 4.6.1 preceding unless Switched Access charges as set forth in Section 6, following, are applied to the Customer's Switched Access Services.
  - D. Terminating Premium Access or Non-Premium Access, per minute charge(s) apply to:
    - all terminating access minutes of use
    - all originating access minutes of use associated with calls placed to 700, 800 and 900 numbers.
  - E. Originating Premium Access or Non-Premium Access, per minute charge(s) apply to:
    - all originating access minutes of use;
    - less all originating access minutes of use associated with calls placed to 700, 800 or 900 numbers
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**ACCESS SERVICE**

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

**4.7 Rate Regulations (Cont'd.)**

**4.7.6 Tandem Signaling Option**

- A. When the Tandem Signaling Option is provided with originating Feature Group D, the Carrier Common Line Access rate element will be billed to the Customer to whom the Carrier Identification Code is assigned.
- B. When terminating tandem routed service is received from a Tandem Switching Provider, the carrier common line charges for the terminating minutes of use to each end office from the Tandem Switching Provider's location will be billed in the following manner:
  - 1. If the Tandem Switching Provider is not the customer of record, i.e., the customer who ordered the facilities to the Tandem Switching Provider's location, or the customer on whose behalf the Tandem Switching Provider has ordered facilities as an agent for the Customer, will be applied for all terminating Carrier Common Line charges. A letter of agency signed by both the Tandem Switching Provider and the Tandem Switching Provider's customer will be required.
  - 2. If the Tandem Switching Provider is the customer of record for facilities to the Tandem Switching Provider's location, the terminating Carrier Common Line charges are the responsibility of then Tandem Switching Provider. At the Tandem Switching Provider's request, the Company will bill each of the Tandem Switching Provider's Customers directly for their respective Carrier Common Line charges, if the Tandem Switching Provider agrees to furnish the Company, free of charge, the call detail information necessary to bill the Tandem Switching Provider's customers, as set forth in Section 6.5.7, following.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 4 - CARRIER COMMON LINE (CONT'D.)**

4.7 Rate Regulations (Cont'd.)

4.7.7 Common Line Presubscribed Line (PSL) Charge \*

The total number of Company provided lines and trunks within the New York Metropolitan LATA for which the Customer has been selected as the predesignated carrier will be multiplied by the Common Line Presubscribed Line Charge on a monthly basis as set forth in Section 13.3. following. The Common Line PSL Charge applies in addition to the Presubscribed Interexchange Carrier charge set forth in Section 3, preceding.

4.7.8 Rates and Charges

Rate and charges for Carrier Common Line Access as found in Section 13.3, following.

\* New York Metropolitan LATA (LATA #132) only.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE**

**5.1 General**

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

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

**5.1.1 Ordering Condition**

A customer may order any number of services of the same type and between the same premises and multiplexing node or virtual collocation arrangement on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

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

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

Additionally, a Tandem Switching Provider who orders service on behalf of an Interexchange Customer must provide to the Company a letter of authorization and, for billing purposes the Customer name, address and contact name(s) and telephone number(s).

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

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.1 General (Cont'd.)

5.1.1 Ordering Condition (Cont'd.)

The order date, which is known as the Application Date, is the date on which the Company receives complete and accurate information from the customer to allow processing of the Access Order. The customer is advised of the critical dates associated with the Access Order on the date the order is entered in the Company order distribution system. The critical date are as defined in Section 5.2.3 (B)(2) (b), following.

5.1.2 Provision of Other Services

- A. In addition to Switched and Special Access Services, other services offered under the provision of this tariff shall be ordered with an Access Order or as set forth in (B) following. The rates and charges for these other services, as set forth in other sections of this tariff, will apply in addition to the ordering charges for the Access Service with which they are associated.
- B. With the agreement of the Company, the other service mentioned in (A) preceding may subsequently be added to an Access Order at any time, up to and including the service date for an Access Service. When added subsequently, charges for a design change as set forth in Section 5.2.2.(C) following will apply when an engineering review is required.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.1 General (Cont'd.)

5.1.2 Provision of Other Services (Cont'd.)

- C. Additional Engineering is not an ordering option, but will be applied to an Access Order when the Company determines that Additional Engineering is necessary to accommodate a customer request. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established.

If the customer does not want the service of facilities after being notified that Additional Engineering of Company facilities are required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The rates and charges for Additional Engineering charges established by another carrier or by the incumbent Regional Bell Operating Company are in addition to the rates and charges as set forth in Section 13.5, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order**

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

- Switched Access Services as Set forth in Section 6. following,
- Special Access Services as set forth in Section 7. following
- Other Services as set forth in Section 5.2. preceding.

When placing an order for Switched Access Service, the customer shall provide, at a minimum, the following information for Entrance Facility, Direct Trunked Transport and / or Tandem Switched Transport to be furnished for the Switched Access Service arrangement ordered.

For a Switched Access, the customer shall specify the type of entrance facility required (i.e., DS1 or DS3 Service) for use between the Customer premises, multiplexing node or virtual collocation arrangement and the wire center serving such customer premises, multiplexing node or virtual collocation arrangement.

For Direct Trunked Transport and the dedicated facility portion of Tandem Switched Transport, the customer shall specify the entrance facility and channel assignment of the entrance facility on which the customer desires the Direct Trunked Transport to be placed. In addition, the customer must specify the type of Direct Trunked Transport Facility required as either Voice Grade, DS1 or DS3, whether the Direct Trunked Transport is to be used for line side or trunk side Switched Access Services and the end office(s) or access tandem(s) to which Direct Trunked Transport is desired.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order (Cont'd.)**

For Feature Group B (FGB), the customer shall specify the number of trunks and the end office or tandem when the Direct Trunked Transport to the end office or tandem is desired, or the access tandem switch when Tandem Switched Transport is desired, and the Local Transport and Local Switching options or Basic Service Elements desired. When ordering FGB trunks to an access tandem, the Customer must also provide the Company an estimate of the amount of traffic to be generated to and / or from each end office subtending the access tandem to assist the Company in the effort to project further facility requirements. The Company will work cooperatively with the customer to help develop this data. In addition, the customer shall also specify for terminating only access whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The basic traffic type must also be specified using the same categories as set forth in Section 6.1, following, to enable efficient provisioning and billing functions.

For Feature Group D - Option 2 or 3 Switched Access Service, the customer shall specify either the number of Busy Hours Minutes of Capacity or the number of trunks required to the tandem by Switched Access Service Arrangement and traffic type when the tandem switched transport is desired. This information is used to determine the number of transmission paths as set forth in Section 6.1, following. The customer shall also specify the Local transport and local Switching options or Basic Service Elements desired.

For originating Feature Group D - Option 3 with the Local Transport Tandem Signaling option, the Tandem Switching Provider shall specify the Carrier Identification Codes to be delivered to the Tandem Switching Provider's tandem.

In addition, for FGD - Option 3 with the SS7 signaling option, the customer shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 signaling portion, and the STP point codes, signaling link codes and link type for CCSA connection order.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order (Cont'd.)**

Except where Minimum Divergence Access Service is provided or in designated electro-mechanical end offices, customer may, at their option order FGD - Option 3 by specifying trunk and the end office or tandem when Direct Trunked Transport is desired. In instances where minimum Divergence Access Service is provided or in designated electro - mechanical end offices customers may order FGD trunks only to and / or from the access tandem. When ordering FGD customers may specify the Local Transport and Local Switching Options or Basic Service Elements desired. When ordering by trunk quantities rather than BHMCs quantities to an access tandem, the customer must also provide the Company an estimate of the amount of traffic generated to and / or from each end office subtending the access tandem to assist the Company in its own efforts to project further facility requirements. The basic type must also be specified by using the same categories as described in Section 6.1, following, to enable efficient provisioning and billing functions.

When a customer orders FGD - Option 3 in trunks the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic. When a customer orders in BHMC quantities for Tandem Switched Transport, the Company will determine the facilities required to meet the customer's BHMC requirement. Since only one party can carry out the requisite engineering, a customer cannot order some FGD in both trunks and BHMC to the same access tandem. If a customer wishes to convert its ordering basis from trunks to BHMCs or from BHMCs to trunks, the company will work cooperatively with the customer to make the conversion, there will be no charge for this conversion activity.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For FGD Option 3 ordered with the SS7 signaling option, the Company will work cooperatively with the customer prior to the initiation of a request for service, to determine the number of CCSA signaling connections required to handle its signaling, and to exchange signaling network information for efficient provisioning of the service.

When Switched Access Service is ordered in BHMCs for Tandem Switched Transport, the BHMCs may be determined by the customer in the following manner. For each day, the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 am hour). The customer shall, for the same hour period (i.e., busy hour) . Pick twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by twenty (20). This computation shall be performed for each access tandem the customer wishes to serve. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine in the highest number of trunks in use for a single hour. The customer shall, for the same hour period for twenty (20) consecutive business days in the same calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the twenty (20) consecutive day period by twenty (20). This computation shall be performed for each end office or access tandem the customer wishes to serve.

In addition to the preceding provisions, if a customer provides operator services or handle 1+ coin traffic for its own or another customer's end users for call originating for a particular LATA, the customer shall specify:

- For Feature Group D Switched Access Service - the number of busy hour minutes of capacity from the customer's premises, multiplexing node or virtual collocation arrangement to the Company's Traffic Operator Positioning System (TOPS) offices; or
  - for Feature Group D - the number of trunks from the customer's premises, multiplexing node or virtual collocation arrangement to the TOPS offices.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

The customer shall also specify the Local Transport and Local Switching options or Basic Service Elements desired.

For 800 Data Base Access Service, the customer shall order the service for the entire LATA in accordance with the preceding provisions set forth for Feature group D - Option 2 or 3 with the following exception. 800 traffic carried over direct end office routed trunks is available only at end offices equipped with 800 Access Service Switching Point (SSP) functionality. 888 or 887 traffic carried over direct end office routed trunks is available only at end offices equipped with 888 or 877 Access Service 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 Data Base Access Service must be ordered accordingly. SSP Locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4.

If the customer desires any of the optional features available with 800 Data Base Access Service, the customer shall so specify on the order for service.

For 900 Access Service, the customer shall order the service for the entire LATA in accordance with the preceding provisions as determined by the manner in which the service is to be provisioned (i.e., Feature Group B or Feature Group D) except that direct routing to the end office is available only to the end offices equipped with equal access and six digit translation capabilities. The customer shall specify whether 900 NXX codes should be arranged for 1+ dialing only or for both 1+ and 0+ dialing. All 900 NXX(s) provided to the customer will be arranged for 1+ dialing only or when technically feasible, for both 1+ and 0+ dialing within the LATA. Additionally, when new 900 Access Service NXX(s) are to be opened up in the LATA, or when new 900 Access Service NXX(s) are to be deleted, coincident with the provision of 900 access Service, the customer shall provide such information when placing the order for 900 Access Service. For additions and /or deletions of 900 Access Service NXX(s) at any other time, the customer shall place an order for such additions/deletions. All NXX assignment and administration shall be in accordance with the North American Numbering Plan (NANP). Assignments will be made by the NANP Coordinator.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For Advanced Access Screening capability, the customer shall order the service in accordance with the preceding provision as determined by the manner in which the service is to be provisioned (i.e., Feature Group D). Direct end office routed trunks are available only at end offices equipped with the Service Switching Point (SSP) functionality for Advanced Access Screening Capability. All 500 traffic originating from an end office is not equipped with the SSP function must be routed via an Access Tandem at which the function is available and the Advanced Access Screening capability must be ordered accordingly. SSP locations are identified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

In addition, the customer shall specify whether 500 NXX codes should be arranged for 1+ dialing only or for both 1+ and 0+ dialing. All 500 NXX(s) provided to a customer will be arranged for 1+ and at the option of the customer, 0+ dialing. When new Access Service NXX(s) are to be opened up, or when existing NXX(s) are to be deleted, coincident with the provision of Advanced Access Screening Capability, the customer shall provide such information when placing the order for Advanced Access Screening Capability. For additions and/or deletions of Advanced Access Screening capability NXX(s) at any other time, the customer shall place an order for such additions and/or deletions. All NXX assignment and administration shall be in accordance with the North American Numbering Plan (NANP). Assignments will be made by the NANP Coordinator.

When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to that host office which controls the remote switching office since all traffic to and / or from a remote switching office must be routed through the host office. The Company will work cooperatively with the customer to provide the required host office and/or remote switching office.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For Operator Services, the customer shall specify the number of Feature Group D trunks desired from the serving wire center of the customer's premises, multiplexing node or virtual collocation arrangement to the desired Company Traffic Operating Position Systems (TOPS) office(s). At the option of the customer, the customer's Operator Services traffic may be combined on the same Feature Group D trunk group between the serving wire center of the customer's premises, multiplexing node or virtual collocation arrangement and the Company TOPS Office.

For Directory Assistance Service, the customer shall specify either the number of Busy hours minutes of capacity (BHMC) (Tandem Switched Transport Only) or the number of trunks required from the serving wire center of the customer's premises, multiplexing node or virtual collocation arrangement to the Directory Assistance location. If the Directory Assistance Service is to be combined with Feature Group B or Feature Group D Switched Access Service, the customer shall also specify which Feature Group B or D Switched Access Service trunk group is to associated with the Directory Assistance Service. This information is used to determine the number of transmission paths. Then the customer specifies the Directory Transport options.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For all Special Access Service and Vertical Services (i.e., Frame Relay Service), the customer must specify the customer designated premises and/or Hubs involved; the customer designated premises, multiplexing node or virtual collocation or Frame Relay Service Hub and Expanded Interconnection multiplexing node(s) or virtual collocation arrangement(s) involved; the channel type (e.g., Metallic, Voice Grade, High Capacity, etc.), the channel interface; technical specification package if applicable and options desired.

Either a Host Customer or a Service User may place an order to establish, change, disconnect or move multiplexed Switched Access DS1 or DS3 services, multiplexed High Capacity Special Access provided with Shared Billing Arrangement. Prior to placing an order, the ordering customer must obtain a signed letter of authorization from the other customer participating in the Shared Billing Arrangement. The Letter of Authorization must be signed by both the Host Customer and the Service User and include the Connecting Facility Assignment (CFA) and Billing Account Number (BAN) of the Host customer's multiplexed service. In the event that a service user requests the connection of a service to a Host Customer's multiplexer which is in turn part of a separate Shared Billing Arrangement, the ordering customer must also obtain and provide to the Company the appropriate BAN and CFA of the third party's service, in order to identify the complete circuit for purposes of maintenance and testing continuity. The ordering customer must provide a copy of the letter of authorization to the Company at the time the order is placed.

When a Shared Billing Arrangement is requested for a ThruPath Connection between two multiplexed services, either customer may place the order for the service. The ordering customer shall become the Service User for such arrangement. The Service User must obtain and provide to the Company the appropriate BAN and CFA of its own multiplexed service.

In addition, when establishing a multiplexed Switched Access DS1 or DS3 Service, a multiplexed High Capacity Special Access with the Shared Billing Arrangement option, the Host Customer and the Service User must coordinate with each other for the design, testing and maintenance of the service(s).

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For the Enhanced Ordering Option (EOO), a customer, other than the collocated customer or a customer under common ownership with that collocated customer may place an order for services to a multiplexing node or virtual collocation arrangement. Prior to placing an order, the ordering customer must obtain a signed letter of agency from the collocated customer to which its service is to be connected. The ordering customer must provide a copy of the Letter of Agency from the collocated customer permitting the ordering customer to act as an agent for the collocated customer to the Company at the time the order is placed.

In addition, the ordering customer will be responsible for notifying the Company of service outages, and assume responsibility for ensuring cooperative testing among the three parties (i.e., the Company, ordering party and the collocation). In addition to any applicable monthly rates associated with the service provided to an Expanded Interconnection multiplexing node or virtual collocation arrangement, a monthly rate, as specified in Section 13, following, for EOO will apply. As specified in Section 15, following, a Nonrecurring Charge will apply in addition to the Office Channel Termination Cross Connect Nonrecurring Charge or Virtual Office Channel Termination Nonrecurring Charge if either a new service or an existing service that does not currently terminate at a multiplexing node or virtual collocation arrangement under EOO. If service already terminates at a multiplexing node or virtual collocation arrangement under Expanded Interconnection or Shared Billing Arrangement, an order processing charge will apply, as specified in Section 15, following to place that service under EOO. All rate elements to provide service to an Expanded Interconnection Multiplexing node or virtual collocation arrangement must be ordered by, and billed to, the ordering customer.



Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

WATS Access Line (WAL) Service must be ordered for use with the Switched Access Service Arrangement of a particular customer. For WAL Service, the customer must also specify the type of calling (i.e., originating only, terminating only or two ways) for which the service to be provided and if desired the Company provided screening functions. Additionally, when the WATS Serving Office (WSO) is not located in the wire center that serve's the end user's premises, or where there is no existing capacity in the WSO which is located in the wire center that serves the end user's premises, the Company will provide WAL service to the nearest wire center where a WSO is located and capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designated the appropriate WSO wire center. No Access Order Modification charge will apply for the change.

The billing name of a customer or end user and the billing address of the customer, the end user or agent must be specified for the following.

- For WAL Service to be provided for use with FGB or FGD Switched Access Service where the originating only or two way calling is to be provided.
- For WAL Service to be equipped with the Routing of IntraLATA Calls to the Company for use with WATS Access Line Optional Feature
- For WAL Service to be provided with FGB or FGD Switched Access Service in Connecticut where the Connecticut State Law, Public Act 87-415, prohibits routing of intra-Connecticut calls to Switched Access Service for customers who have not been issued a certificate of public convenience and necessity by the Department of Public Utility Control and who do not have an effective intrastate tariff for such service.

When a WAL Service is provided in conjunction with FGB or FGD Switched Access Service, the customer will be provided with the Routing of IntraLATA Calls to the Company for use with WATS Access Line Service option.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

In Massachusetts in accordance with the Department of Telecommunications and Energy directive, "intraLATA traffic will be blocked from those carriers who do not have an approved certificate of public convenience and necessity and an effective intrastate tariff on file with the Department of Telecommunications and Energy."

In Connecticut, as required by the Connecticut State Law, Public Act 87-415, the routing of intra-Connecticut calls to Feature Group B or Feature Group D Switched Access Service is prohibited for customers who have not been issued a certificate of public convenience and necessity by the Department of Public Utility Control and who do not have an effective intrastate tariff for such service.

In New Hampshire, in compliance with the Public Utilities Commission's Order in Docket 86-310, intraLATA traffic will be blocked from those from those carriers who do not have a certificate of public convenience and an effective intrastate tariff.

In Maine, in compliance with the Public Utilities Commission's Order in Docket 86-237, intraLATA traffic will be blocked from those carriers who do not have a certificate of public convenience and an effective intrastate tariff.

Where Special Access Service is exempt from Special Access Surcharge as set forth in Section 7, the customer shall furnish with the order the certification as set forth in that section.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.1 Access Order Service Date Intervals

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

Standard Interval  
Negotiated Interval

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

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.1 Access Order Service Date Intervals (Cont'd.)

A. Standard Interval

The Company shall publish and make available to all customers at the time orders are placed, a schedule of Standard Intervals applicable for Switched and Special Access Service, the schedule specifies the services and quantities that can be provided within the Standard Intervals.

Access Services provided in a Standard Interval will be installed during Company business days. If a customer requests that installation be done outside of normal scheduled work hours, and the Company agrees to this request, the customer will be subject to applicable Additional Labor Charges.

When placing an Access Order for service(s) for which Standard Interval exist, a customer may request a service date that is prior to the Standard Interval service date. A customer may also request an earlier service date on a pending Standard Access Interval Access Order. The Company will agree to the customer's customer request if it determines it can accommodate the customer's request within a normal business hours without delaying service dates for other customers. Such requests will be granted on a first-come first-served basis at no additional charge to the customer.

If costs other than any applicable additional labor (i.e., overtime labor) are to be incurred when a service date on an Access Order is established that is prior to the Standard Interval, the customer may be subject to additional charges.

A Service Date Change Charge as set forth in Section 5.2.2, following will apply for the change in service on a pending Standard Interval Access Order.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.1 Access Order Service Date Intervals (Cont'd.)

B. Negotiated Interval

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

1. There is no Standard Interval for the service; or
2. The Quantity of Access Services ordered exceeds the quantities specifies in the Standard Intervals described in the Service Interval as set forth in (A) preceding; or
3. The customer requests a service date which is prior to, or beyond, the applicable Standard Interval Service Date; or
4. The customer request the initial establishment of Switched Access to provide operator service; or
5. The customer requests an WATS Access Line Service with Answer Supervision and E&M Supervisory Signal; or
6. In New York the customer request Inward Operator Services, or in New England Telephone service territory, the initial establishment of Inward Operator Services; or
7. The Customer requests an Expanded Interconnection multiplexing node. In New England Telephone's service territory, the Negotiated Interval will not exceed a maximum of six (6) months for a Fiber Optic Expanded interconnection multiplexing node.

The Company will offer a service date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six (6) months the Standard Interval service date.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order (Cont'd.)**

**5.2.1 Access Order Service Date Intervals (Cont'd.)**

**B. Negotiated Interval (Cont'd.)**

A customer may also request an earlier service date on a pending Negotiated Interval Access Order. The Company will agree to a customer's request if it determines it can accommodate the customer's request within normal business hours without delaying service dates for orders of other customers. Such requests will be granted in a first come, first serve basis at no additional charge to the customer. If the Company is able to accommodate the customer, the customer may be subject to the applicable Additional Labor Charges as set forth from the Company's underlying carriers, The Bell Atlantic Telephone Companies, Tariff FCC No. 11 and No. 1 and Southern New England Telephone Company Tariff FCC No. 39.

If costs other than any applicable additional labor (i.e., overtime labor) are to be incurred when a service date on an Access Order is established that is prior to the Standard Interval, the customer may be subject to additional charges from the Companies underlying carriers.

A Service Date Change Charge as set forth in Section 15, following will apply for the change in service date on a pending Negotiated Interval Access Order.

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

The addition or deletion of an 800 Service NXX code is provided with a Negotiated Interval.

When a Special Access Service is ordered in conjunction with a Packet Switching Access Service, the Negotiated Interval for the Packet Switching Access Service also applies to the Special Access Service.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.1 Access Order Service Date Intervals (Cont'd.)

B. Negotiated Interval (Cont'd.)

Common Channel Signaling Access (CCSA) links will be provided on a Negotiated Interval.

New or existing FGD trunks ordered with the SS7 Signaling Option will be provided on a Negotiated Interval.

900 Access Service is provided on a Negotiated Interval.

	Maximum Interval
Initial establishment of service where customer is: not yet provided with any FGB or FGD service in a LATA	6 Months
Provided with FGD service in all equal access end offices in the LATA and FGB service in all non equal access end offices in the LATA	90 days
Subsequent additions or deletions of NXXs for existing 900 service	60 days

The 0+900 Option will provide on a Negotiated Interval.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.1 Access Order Service Date Intervals (Cont'd.)

B. Negotiated Interval (Cont'd.)

Advanced Access Screening Capability will be provided on a Negotiated Interval. In addition, subsequent additions and / or deletions of the Advanced Access Screening Capability NXX Codes will be provided with the Negotiated Interval.



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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.2 Access Order Modifications

The customer may request a modification of its Access Order at any time prior to notification by the Company that service is available for the customer's use or prior to the service start date, whichever is later. The Company will make every effort to accommodate a customer requested modification when it is able to so with the normal work force assigned to complete such an order within normal business hours. If the modification can not be made with the normal work force within the 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 occurrence basis.

Any increase in the number of Packet Switching Access Service Ports, Special Access Service channels or Switched Access Service Lines, trunks or Busy Hour Minutes of Capacity or CCSA signaling connections will be treated as a new Access Order (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 without modifications charges being incurred by the customer.

A. Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing service may be changed, but the new service date may not exceed the original service date by more than thirty (30) calendar days. When, for any reason, the customer indicates that service can not be accepted for a period not to exceed thirty (30) calendar days, and the Company accordingly delays the start of service, a Service Date Change Charge will apply, as specified in Section 13.5, following.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.2 Access Order Modifications (Cont'd.)

A. Service Date Change Charge (Cont'd.)

If the Customer requested service date more than thirty (30) calendar days after the original service date, the order will be cancelled by the company and reissued with the appropriate cancellation charges applied unless the customer indicates that billing for the service is to commence as specified in Section 5.3, following.

A new service date may be established that is prior to the original Standard or Negotiated Interval Service date if the Company determines it can accommodate the customer's request within the normal business hours without delaying service dates for orders of other customers. If the Company is unable to accommodate the customer's request within normal business hours without delaying the service dates for orders of other customers, and the customer agrees to have the installation done outside the normal scheduled work hours, Additional Labor charges as set forth by the Company's underlying carriers may be applicable.

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Service Date Change Charge is found in Section 13.5, following.

B. Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels and Packet Switching Access Ports, if applicable and Switched Access Service Entrance Facilities, lines trunks, or busy hour minutes of capacity ordered in a Standard Interval or Negotiated Interval Access Order will be treated as a partial cancellation and the charges set forth in Section 13.5, following will apply.

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.2 Access Order Modifications (Cont'd.)

C. Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Company personnel, of the service ordered and the requested changes determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design Change Charges include such things as the addition or deletion of Basic Service Elements, optional features or functions or a change in type of transport termination (switched access only), type of channel interface, type of Interface Group or technical specification package, or change of Feature Group to Feature Group D, or change in type of Port or Access Connection for Packet Switching Access Services. Design Changes do not include a change of customer premises, multiplexing node or virtual collocation arrangement location, end user premises end office switch, Switched Access entrance facility type feature group, except for changes to Feature Group D or Special Access channel type. Changes of this nature will require the issuance of a new order with appropriate cancellation charges applied.

The Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service is date is required. If the customer authorizes the Company to proceed with the Design Change, a Design Change Charge will apply. The Design Change Charge will apply on a per order occurrence basis, for each ordering requiring a design change. The Design Change Charge is set forth in Section 13.5, following.

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.2 Access Order Modifications (Cont'd.)

D. Special Handling Charge

A Special Handling Charge will apply when a customer requests a service date that is earlier than the Standard Interval service date for the Access Service ordered. A Special Handling charge will not apply if the Telephone Company does not complete the order in less than the standard interval. A Special Handling charge is not applied if the Telephone Company offers a less than standard interval and the customer does not accept the offered date. A Special Handling charge will apply when a service date is changed at the request of the customer (i.e., escalation to a higher level) from standard interval or greater to less than standard, and the order is completed by the date requested within less than standard interval.

A customer may also request an earlier service date on negotiated interval Access orders. The request for an earlier service date may be received from the customer prior to the issuance of an Access order, or after the Access order has been issued but prior to the service date.

The Company maintains exclusive right to accept or deny the request to expedite. If, upon reviewing availability of equipment and scheduled workload, the Telephone Company agrees to provide service on an expedited basis and the customer accepts this proposal, a Special Handling Charge will apply.

In the event that the Telephone Company provides service on an expedited basis by customer request and the customer then delays service, a Service Date Change Charge will also apply as specified in 5.2.2.A preceding.

In the event that the customer cancels an expedite request, a Cancellation Charge will apply as specified in 5.2.3 following.

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order (Cont'd.)**

**5.2.3 Cancellation of an Access Order**

- A. A customer may cancel 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 or prior to the service date, whichever is later. The cancellation date is the date the Company receives written or verbal notice from the customer that the order has been cancelled. The verbal notice must be confirmed in writing within ten (10) days.

For Special Access Service or Switched Access Service Entrance Facilities ordered on a first and additional basis as set forth in Section 6.6 and Section 7.4, following, when a customer cancels part of an Access Order, first and additional nonrecurring charges will apply to the remaining services on the Access Order. A First nonrecurring charge will apply unless the entire Access Order is cancelled. Cancellation charges will apply as specified in Section 5.2.3.B.1 - .4, following.

If a customer or a customer's end user is unable to accept Access Service within 30 calendar days after the original service date, the customer has the choice of the following options:

- The access order shall be cancelled and charges set fourth in (B) following will apply
- Billing for the service will commence.

If no cancellation request is received within the specified thirty (30) calendar days, billing for the service will commence. In any event, the cancellation date or the date billing is to commence, as applicable, shall be the 31<sup>st</sup> day beyond the original service date of the Access Order.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

- B. When a customer cancels a Standard or Negotiated Interval Access Order for the installation of Service or an Access Order is cancelled, as set forth in Section 5.2.2.A and 5.2.3.A, preceding, a Cancellation Charge will apply as described in 1. through 4. following, except for a change in the type of service as specified in Section 6.6 and 7.4, following or for those services for which Individual Case Basis rates and charges apply. Cancellation charges for such Individual Case Basis services will be developed on an individual case basis.
1. In New England Telephone Company's service territory, costs incurred in conjunction with the provision of the Access Service offered in this tariff start on the Application Date as defined in 4.b, following.
  2. Except as set forth in (iv) through (viii) following, when the customer cancels an Access Order in New York Telephone Company's service territory prior to or on the Scheduled Issue Date, as defined in 4.b following, no charges shall apply.
  3. In New York Telephone Company's service territory, when the customer cancels an Access Order after the Scheduled Issue date, on or after the Scheduled Issue Date for services specified in (iv) through (viii), following, or an Access Order is cancelled pursuant to Section 5.2.3.A preceding, a charge equal to the estimated costs incurred by the Company shall apply. Such Charge is determined as specified in 4, following.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. Charges applicable as specified in (3) preceding are based in the estimated costs incurred by the Company at the time the order is cancelled. The estimated costs incurred are determined based on the following:
  - a. Certain Company critical dates are associated with an Access Order provisioning interval, whether standard or negotiated. These dates are used by the Company to monitor the progress of the provisioning process. At any point in the Access Order interval, the Company is able to determine which critical date was the last date passed and can thus be determine what percentage or portion of the Company's provisioning costs have been incurred as of that critical date.

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

b. The Critical dates tracked by the Company are as follows:

1. Application Date (APP): The date customer provides a firm commitment and sufficient information as detailed in Section 5.1 preceding, to the Company. This is also the order date.
  2. Scheduled Issue Date (SID): The date that the order is to be entered in the Company's order distribution system.
  3. Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the Customer.
  4. Confirming Design Layout Report Date (CDLRD): The date the Design Layout Report (DLR) is to be confirmed by the customer.
  5. Records Issue Date (RID): the date that all design and assignment information is to be sent to the central office and installation forces.
  - 6.. Wired and Office Tested Date (WOT): The date by which all intra-office wiring is to be completed, all plug-in optioned, aligned and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, including translation loading, is to be installed and tested.
  - 7.. Plant Test Date (PTD): The date in which overall testing of the service is to be started.
  - 8 Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.
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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

- c. The percentage or portion of the total provisioning cost incurred by the Company at a particular critical date varies by the type of service as shown in d. following.
- d. For services specified in (i) through (ii) following, when a customer cancels an Access Order, or part of an Access Order, before the WOT date, the Company will apply cancellation charges to the order by multiplying all Nonrecurring Charges associated with the order, or the part of the order being cancelled, by the percentage shown following for the critical date last passed on the order.

When a customer cancels an Access Order, or part of an Access Order on or after the WOT date and before the service date, the Company will apply cancellation charges to the order by multiplying the sum of the minimum monthly charge for the minimum period and all nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown following for the critical date last passed on the order.

For services specified in (iii) following, when the customer cancels an Access Order, or part of an Access Order on or before the due date, the Company will apply cancellation charges to the order based on the charges shown for the critical date last passed on the order.

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## SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (CONT'D.)

## 1. Switched Access Service (Cont'd.)

## New York Telephone Company's Service Territory

	APP	SID	DLRD	RID	WOT	PTD	DD
Feature Group B	0%	8%	17%	19%	45%	84%	Minimum Period Charges Apply
Feature Group D	0%	21%	44%	47%	94%	98%	Minimum Period Charges Apply

[illegible]

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

2. Special Access Service

New England Telephone Company's Service Territory

	APP	SID	DLRD	RID	WOT	PTD	DD
Voice Grade*	4%	8%	20%	36%	61%	94%	Minimum Period Charges Apply
DDS II (56Kbps)	4%	7%	20%	36%	61%	95%	Minimum Period Charges Apply
High Capacity DS1*	2%	7%	13%	32%	64%	93%	Minimum Period Charges Apply
DS3*	See (iii) following						
Frame Relay Access Connection	2%	7%	13%	32%	64%	93%	Minimum Period Charges Apply

\* When a Special Access Service Channel connects to a Packet Switching Access Service port, the percentages shown for the Special Access Service also apply to the Packet Switching port.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

2. Special Access Service (Cont'd.)

New York Telephone Company's Service Territory

	APP	SID	DLRD	RID	WOT	PTD	DD
Voice Grade*	0%	8%	27%	28%	55%	79%	Minimum Period Charges Apply
DDS II (56Kbps)	0%	7%	22%	23%	50%	87%	Minimum Period Charges Apply
High Capacity DS1*	2%	7%	13%	32%	64%	93%	Minimum Period Charges Apply
DS3*	See (iii) following						

\* When a Special Access Service Channel connects to a Packet Switching Access Service port, the percentages shown for the Special Access Service also apply to the Packet Switching port.

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

3. Switched Access Service DS3 Entrance Facilities and  
44.736 Mbps High Capacity Special Access Service

New England Telephone Company's Service Territory  
and New York Telephone Company's Service Territory

APP	SIDDLRD		RID	WOT	PTD	DD
\$0.00	\$200.00	\$500.00	\$1,500.00	\$2,000.00	\$2,500.00	\$2,000.00

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

4. Switched Access Service and Capacity Special Access Service

Southern New England Telephone Company's Service Territory

- Installation of Switched and Special Access Service is considered to have started when the Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.
  - Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.
  - Where installation of access facilities has been started prior to the cancellation, the charges specified below), which ever is lower shall apply.
    - A Charge equal to the costs incurred in such installation, less net salvage, Such Charge is determined as detailed IV), following.
    - The charge for the minimum period of Switched and Special Access Service ordered by the customer.
  - Charges applicable as specified in III. (1) preceding include the non-recoverable cost of equipment and material ordered, provided and used, plus the non-recoverable cost of installation and removal including engineering, labor, supervision, transportation, rights-of-way and other associated costs.
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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

4. Switched Access Service and Capacity Special Access  
Service

Southern New England Telephone Company's Service  
Territory

- When a customer cancels and order for the discontinuance of service, no charges apply for the cancellation.
  - If the Company misses a service date by more than 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.
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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

B. (Cont'd.)

4. (Cont'd.)

d. (Cont'd.)

5. Switched Access Service and Capacity Special Access  
Service

New Jersey, Maryland, District of Columbia, Delaware,  
Pennsylvania, Virginia

		APP	SID	DLRD	RID	WOT	PTD	DD	DDSII
	\$ 0.00	\$ 75.00	\$187.50	\$ 375.00	\$ 562.50		\$ 750.00		\$ 750.00
DS1	\$ 0.00	\$ 75.00	\$187.50		\$ 750.00	\$1,250.50	\$1,500.00		\$1,500.00
DS3	\$ 0.00	\$200.00	\$500.00		\$1,500.00	\$2,000.00	\$2,500.00		\$2,500.00

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.3 Cancellation of an Access Order (Cont'd.)

- C. When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.
  - D. If the Company misses a service date for a Standard or Negotiated Interval Access Order by 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.
  - E. When a customer cancels an order for BNA Service after the order date, the full Service Establishment Charge applies.
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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.4 Selection of Facilities for Access Orders

- A. When a customer places an Access Order, it may choose to utilize facilities its previously ordered as a facility to a hub. If the customer has a Switched Access DS1 or DS3 facility, or has a Special Access Service Facility purchased to a hub, the customer must request that specific channels be used to implement the Access Order. If the Company is unable to comply with the channel assignment specified by the customer, the Company will work cooperatively with the customer to determine the appropriate channel assignment. If a facility assignment is not assigned by the customer, the Company will provide the service from available inventory as discussed in Section 5.3, following.
- B. For all other Access Orders, the option to request a specific transmission path or channel is not provided except as provided for under Special Facilities Routing, as set forth in Section , following.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.5 Minimum Period

- A. Except as set forth in Section 6, Section 7 and Section 8, following the minimum period and for which Access Service is provided is for three (3) months.
- B. Service rearrangements as set forth in Section 6.6 and Section 7.4. following for Switched and Special Access services respectively, may be made without a change in minimum period requirements.
- C. Changes other than those identified in Section 6.6, 7.2. or 7.4., following will be treated as a discontinuance of the existing service and an installation of the new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.
- D. The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.
  - 1. A move to a different building as set forth in Section 6.6 or 7.4, following.
  - 2. A Change in type of service (i.e., Switched Access Service to Special Access Service, one type of Special Access to another or one type Switched Access Service to Another, except as set forth in Section 6.7.4 and 7.4.1.C.1, following).
  - 3. A change in type of Special Access Service Channel termination, except as set forth in 7.4.1, following

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.5 Minimum Period (Cont'd.)

D. (Cont'd)

4. Change in Switched Access Service or Directory assistance service Entrance Facility as set forth in Section 6.6.1.C, following.
  5. Change in Switched Access Service traffic type except as set forth in Section 6.6.1.C, following.
  6. Change from two-point to multipoint Special Access Service or from the multipoint to two -point Special Access Service.
  7. Change in Special Access Service without Packet Switching Access Service port to Special Access Service with Packet Switching Access Service port or vice versa.
  8. A change in type of Packet Switching Access Service port.
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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.6 Minimum Period Charges

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

The minimum period charges for monthly billed services will be determined as follows:

- For switched Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 13.6, following. For DS3 Switched Access Entrance Facility channel terminations, the minimum period charge is calculated using the rate band determined by the last count taken.
- For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 13.6, following. For 44.736 Mbps High Capacity Service channel terminations, the minimum period charge is calculated using the rate band determined by the last count taken.
- For Packet Switching Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 13.7, following.

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

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**ACCESS SERVICE**

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

**5.2 Access Order (Cont'd.)**

**5.2.7 Shared Use Facilities**

**A. General**

Shared Use occurs when Switched Access Service and Special Access Service are provided over the same multiplexed or groomed Special Access Facility or the same Switched Access Service Facility. The Facility will be provided and rated based on the type of facility ordered.

Switched Access facilities used for a Shared Use Arrangement must be ordered to a Hub. A Hub may be designated as being Terminus, Intermediate, or Super-Intermediate depending on the wire centers it is capable of serving. Shared Use of a Switched Access DS1 facility is not allowed to be a terminus hub.

Special Access facilities used for a Shared Use Arrangement must be ordered to a Hub. A Hub may be designated as being Terminus, Intermediate, or Super-Intermediate depending on the wire centers it is capable of serving. In New England Telephone Company's Service Territory, when a Special Access 1.544 Mbps High Capacity Service is Utilized as the shared use facility to a hub, trunk side Switched Access services may only be shared with Special Access Service(s) at a terminus hub.

Should a customer request that all in use channels of a Switched Access Service be used for a Special Access or that all in use channels of a Special Access facility be used for Switched Access, the facility will be charged as the applicable Switched Access or Special Access.

The customer must place an order for each individual Switched Access or Special Access Service utilizing the shared use facility and specify the channel assignment.

When a individual Special Access Service is ordered over a Switched Access shared use facility, the customer must provide an interstate percentage of use of either 0 or 100 to be used in billing the appropriate Special Access rates charges. The interstate percentage of use must be the same for any subsequent individual Special Access Services provided over the same shared use facility. The regulations governing jurisdictional report requirements are set forth in Section 2.9.10, preceding.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.7 Shared Use Facilities (Cont'd.)

B. Rates and Charges,

1. Application of Monthly Rates for the Shared Use Facility

a. Monthly Rates for a Switched Access Facility

Rating as Switched Access Service will continue until such time as the customer chooses to use a portion of the available capacity for providing Special Access Service. As each individual channel is activated for Special Access Service the monthly rate for Switched Access Service Entrance Facility, Channel Mileage Rate, if applicable, and multiplexer rate will be reduced accordingly (e.g., 1/24th for DS1 and 1/672nd for DS3 service), and the monthly rate for the equivalent Special Access Channel Termination Rate, Channel Mileage Rate, if applicable and Multiplexer rate (e.g., 1/24th for DS1 and 1/672nd for DS3 service) will apply.

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.7 Shared Use Facilities (Cont'd.)

B. Rates and Charges (Cont'd.)

2. Application of Nonrecurring Charges for the Shared Use Facility  
(Cont'd.)

b. Nonrecurring Charges for the Individual Special Access Services  
Provided in Shared Use Arrangement

When individual Special Access Service is riding a channel of the Shared Use facility, nonrecurring charges will not apply to the portion of the individual Special Access Service provided over the Shared Use facility to the hub. Nonrecurring charges will apply to the portion of the individual Special Access Service from the Hub where the multiplexer is located or the grooming function is performed to the customer premises at which the service terminates or to a different Company Hub where cascade multiplexing will be performed (i.e., the portion of the individual Special Access Service which is not being provided over the Shared Use facility). The nonrecurring charge that will apply is that of a specific type of Special Access Service that is not provided (e.g., Voice Grade).

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

5.2.7 Shared Use Facilities (Cont'd.)

B. Rates and Charges (Cont'd.)

2. Application of Nonrecurring Charges for the Shared Use Facility  
(Cont'd.)

- c. The nonrecurring charges for Switched Access Services are set forth in Section 13.6, following.
- d. The nonrecurring charges for Special Access Services are set forth in Section 13.6, following.

5.2.8 Disconnection of Access Services

A customer may request the disconnection of access services by written notice only. Service will be disconnected and billing for the service involved will cease no later than two (2) business days following the receipt of the written notice by the Company or on the customer's requested date which ever is later.

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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.3 Available Inventory

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 customers' requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
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ACCESS SERVICE

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**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND  
SPECIAL ACCESS SERVICE (CONT'D.)**

5.4 Rates and Charges

Rates and Charges for Ordering Options is as set forth in Section 13.5, following.

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**SECTION 6 - SWITCHED ACCESS SERVICE**

**6.1 General**

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer's premises, multiplexing node or virtual collocation arrangement and an end user's premises. Switched Access Service provides the ability to originate calls from an end-user's premises, multiplexing node or virtual collocation arrangement and to terminate calls from a customer's premises, multiplexing node or virtual collocation arrangement to an end user's premises in the LATA it is provided. 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 Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided.

For purposes of administering regulations set forth herein, a Tandem Switching Provider point of interface may be some customer premises, a multiplexing node or a virtual collocation arrangement.

Rates and Charges for Switched Access Service depend on the Customer's use, i.e., for WATS or MTS, 800 Data base Access Service, Advanced Screening Capability, MTS - WATs equivalent services or other services, and whether it is provided on a Company end office that is equipped to provide equal access (Feature Group D). Rates and Charges are set forth in Section 13.6, following. The application of rates and charges are as set forth in Section 6.6, following. Rates and charges for services other than Switched Access Service (e.g., a customer's interLATA Toll message may also be applicable when Switched Access Service is used in conjunction with these other services.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision**

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.

**A. Feature Group Arrangements**

Following is a brief description of the Feature Group Arrangements.

**1. Feature Group B (FGB)**

FGB Access, which is available to all customers, provides trunk side access to the Company end office switches with associated uniform 950-XXXX access code for non-900 Access Service for the customer's use in originating communications from and terminating communication to an Interexchange Carrier's interstate service of a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which FGB access communication is transported to another state. A more detailed description of FGB Access is provided in 6.2.1, following.

**2. Feature Group D (FGD)**

FGD Access, which is available to all customers, provides trunk side access to the Company end office switches with an associated uniform 101XXXX access for the customer's use in originating and terminating communications. Where Minimum Divergence Access Service provided, the 1010XXXX access code is not available. A more detailed description of FGD as set forth in Section 6.2.2, following.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**B. 800 Data Base Access Service**

For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 Data Base Access Service, except as otherwise specified, the term 800 Data Base Access Service shall include any of the following NPAs: 888, 877, 866, 855, 844, 833 and 822 as they become available to the industry.

800 Data Base Access Service is a service offering utilizing originating 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 perform the customer identification function. The call is forwarded to the appropriate customer based in the dialed 800 number. The customer has the option of having the dialed 800 number (e.g., 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) delivered to the customer premises.

No access code is required for 800 Data Base Access Service. When an 800 call is originated by an end user, the Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. The customer identification will be based on ten digit (i.e., 800-NXX-XXXX), however, for certain special use 800-NXXs, the customer identification will be based on six digits (i.e., 800-NXX). The customer identification function will be available at suitably equipped end office or access tandem switched. If the call originated from an end office not equipped to provide the customer identification function, the call will be routed to an access tandem at which the function is available. In this case, the Tandem Signaling Option will not be available for use with the 800 Data Base Access Service. Once customer identification 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 Access Service will not be completed.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**B. 800 Data Base Access Service (Cont'd.)**

The manner in which 800 Data Base Access Service is provided from an end office equipped with equal access capabilities (i.e., FGD), all such service will be provisioned as either FGB or FGD. When 800 Data Base Access Service is provided from designated electro-mechanical end offices, such services will be provisioned as Feature Group D.

Unless prohibited by network considerations (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 other Access Service traffic of the same Switched Access Service Arrangement type or be combined in the trunk group arrangement with the customer's 900 Access Service traffic of the same Switched Access Service Arrangement type with the following limitation. Combining 800 Data Base Access Service traffic with the customer's direct routed Switched Access Service arrangements or 900 Access Service traffic of the same Switched Access Service Arrangement type will be allowed only when the end office is equipped to perform the customer identification function. When required by network considerations, a separate trunk group must be established for 800 Data Base Access Service.

The hoarding of toll-free 800 numbers by customers are prohibited by the Federal Communications Commission. In accordance with the provision of the Federal Communications Commission's Second Report and Order and Further Notice of Proposed Rule-making as set forth in FCC97-123, In the Matter of Toll Service Access Codes, CCDocketFCC955-155, adopted April 4, 1997, and released April 11, 1997, the Federal Communications Commission has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of toll free numbers by a private entity for a fee, is contrary to the public interest in conservation of the scarce toll free number resource and contrary to the Federal Communications Commission's responsibility to promote the orderly use and allocation of toll free numbers.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**B. 800 Data Base Access Service (Cont'd.)**

The warehousing of toll free numbers by a Responsible Organization, defined as an entity responsible for the management and administration of an 800 number record in the 800 Service Management System (SMS), is prohibited by the Federal Communications Commission. In accordance with the provisions of the Federal Communications Commission 's Second Report and Order and Further Notice of Proposed Rule-making as set forth in FCC 97-123, In the Matter of Toll Free Service Access Codes, CC Docket FCC 95-155, adopted April 14, 1997 and released April 11, 1997, "(1) The Federal Communications Commission has concluded that warehousing which the Federal Communications Commission Defines as Responsible Organizations, either directly or indirectly through an affiliate, reserving toll free numbers from the SMS database without having an identified toll free subscriber from whom those numbers are being reserved, is an unreasonable practice under section 201(b) of the Communications Act and is inconsistent with our obligation under Section 251(e) of the Communications Act to ensure that numbers are made available on an equitable basis; and (2) If a Responsible Organization does not have an identified toll free subscriber agreeing to be billed for service associated with each toll free number reserved from the database, or if a responsible Organization does not have an identified, billed toll free subscriber switching before switching a number reserved or assigned to working status, then there is a rebuttable presumption that the responsible Organization is warehousing numbers. Responsible Organizations that warehouse numbers will be subject to penalties."

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**B. 800 Data Base Access Service (Cont'd.)**

**1. Call Handling and Destination Feature**

The Call Handling and Destination Feature is available to 800 Data Base Access Service customer on an Optional basis. This feature allows for the Customer to create call processing logic for 800-NXX-XXX dialed calls. In this manner the 800 Database Access Service can be customized to meet individual requirements, The feature may be used in combination with one or more routing options based on the customer specification and technical switch limitations.

The customer may segment the 800 calls based in the following options to choose different terminating destinations and / or multiple carriers:

- Specific telephone number of the calling party
- Time of day
- Special Days of the year
- Percentage of traffic (in one percent increments)

The availability of Call Handling and Destination based in the specific telephone number of the calling party is subject to the Company's ability to obtain full 10-digit ANI of the calling party.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)

B. 800 Data Base Access Service (Cont'd.)

2. 800 to POTS Translation Optional Feature

The 800 to POTS translation Optional Feature allows customer to designate a 10 digit POTS telephone number to be translated from a specific 800 number to be delivered to the customer premises. If the POTS number translation feature is ordered, the customer will be unable to determine that such calls originated as 800 dialed calls unless the customer also orders the Automatic Number Identification (ANI) optional feature.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**C. 900 Access Service**

900 Access Service is a LATA-Wide offering utilizing originating trunk side Switched Access Service. The service provides for end user dialed 1+900-NXX-XXXX calls to a Company Switch capable of performing a customer identification function. Based on the NXX, the call is forwarded to the appropriate customer.

At the option of the customer, 900 Access Service may also be provided with the 0+900 Option. The 0+900 Option is a LATA-wide offering which provides for the forwarding of an end user dialed 0+900+NXX-XXX calls to the customer based in the dialed NXX. The 0+900 Option is only offered in conjunction with 900 Access Service. The 0+900 option is available in serving wire centers, as specified in the National Exchange Carrier Association, Tariff FCC No.4.

No access code is required for 900 Access Service or the 0+900 Option. When a 1+ or 0+900-NXX-XXXX call is originated by an end user, the Company will perform the customer identification function based in the dialed digits to determine the customer location to which the call is to be routed. For 900 Access Service, the customer identification function will be available at suitably equipped end office or access tandem switches. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to the access tandem at which the function is available. Once the customer identification has been established, the call will be routed to the customer. For the 0+900 Option, the customer identification function is available only at suitably equipped equal access end office switches.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**C. 900 Access Service (Cont'd.)**

The manner in which 900 Access Service provision is dependent of the status of the end office from which the service provider, (i.e., equipped with equal access capabilities or no equipped with equal access capabilities) and / or the status of the customer (MTS/WATS provider or MTS/WATS Type Provider). When 900 Access Service is provided from an end office equipped with equal access capabilities (i.e., FGD) all such service will be provisioned as Feature Group D. When 900 Access Service is provided for an end office not equipped with equal access capabilities, such service will be provisioned in the same manner in which the customer's non-900 Switched Access Service for such end office is provisioned.

The 0+900 Options is available only when combined with 900 Access Service provided with FGD.

Unless prohibited by network considerations, the customer's 900 Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's 800 Data Base Access Service traffic of the same Switched Access Arrangement. When required by network considerations, a separate trunk group must be established for 900 Access Service.

Call originating from a LATA for which a customer has not ordered 900 Access Service NXX Codes activated will not be completed.

The following 1+900+NXX-XXXX calls will be blocked by the Company:

- calls dialed with a 101XXXX access code
  - Calls from Inmate Service, and
  - calls originating from Hotel/Motel service with no on-premise billing system.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**C. 900 Access Service (Cont'd.)**

The Following 0+900+NXX-XXXX calls will be blocked by the Company:

- Calls dialed with a 101XXXX access code
- Calls from Inmate Service, and
- Calls originating to a customer who has not subscribed to 0+900 Option.

If a customer requests the 0+900 Option, it is the customer's responsibility to insure that 0+900 calls are provided in conjunction with the customer's credit card billing. Calls utilizing the Company's Calling Card and operator assisted calls, such as collect and third party billing are not permitted with the 0+900 Option.

**D. Telecommunications Relay Service (TRS) Equal Access Interconnection.**

TRS Equal Access Interconnection is available to TRS carriers to interconnect with the Company to provide originating equal access to their end users. The TRS interconnection provides trunk side access over Switched Access Entrance Facilities and Direct Trunked Transport facilities from a TRS Carrier to the Company's Access Tandem to reach end user's Carrier of Choice. The Company does not provide end office local switching functions in this arrangement. The signaling protocol transmitted by the TRS Carrier is subject to technical limitations for FGD specified in Technical Reference Specified for FGD, NPL 000258, Issue 1. The TRS Carrier shall comply with all operating, technical and service quality standards as specified in Section 6.2.2, following, for originating FGD Service. The TRS Equal Access Interconnection nonrecurring charge applies per TRS Interconnection as specified in 13.6, following.

The TRS Carrier will be billed the Entrance Facility Channel Termination and the Direct Trunked Transport Channel Mileage as specified in Section 13.6, following.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**D. Telecommunications Relay Service (TRS) Equal Access Interconnection (Cont'd.)**

The TRS Carrier will furnish to the Company all information which the Company may require to bill Interexchange Carriers for the Access provided by the Company. The TRS Carrier shall keep sufficient call detail records for IC Billing and upon request of the Company make the records Available for inspection. Such information shall be furnished by the TRS Carrier in a form and according to a regular schedule mutually agreed upon between the Company and the TRS Carrier.

The TRS carrier shall inform Interexchange Customers seeking equal access to the TRS Carrier's switch via an access tandem(s) owned and operated by the Company, that FGD Access from the IC to the access tandem must exist from the Company in order to receive TRS traffic.

**E. Advanced Access Screening Capability**

Advanced Access Screening Capability is a LATA-wide offering utilizing originating FGD Switched Access Service, The service provides for the forwarding of an end user dialed 1+500-NXX-XXXX and, at the option of the customer, 0+500-NXX-XXXX calls to a Company Switch capable of performing a customer identification function. Based on the NXX, the call is forwarded to the appropriate customer.

Advanced Access Screening Capability will be provided on a LATA-wide basis where available. In LATA's where Advanced Access Service Capability is not fully deployed, Advanced Access Screening Capability will only be provided at suitably equipped end offices and / or Access Tandems in that LATA until such time as Advanced Access Screening capability can be made available LATA-wide.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**E. Advanced Access Screening Capability (Cont'd.)**

Advanced Access Screening Capability is available in serving wire centers as specified in the National Exchange Carrier Association Inc., Tariff FCC No. 4

No access code is required for Advances Access Screening Capability. When a 1+ or 0+500+NXX-XXXX call is originated by an end user, the Company will perform the Customers' identification Function based on the dialed digits to determine the customers' location to which the call is to be routed. For Advanced Access Screening Capability, the customer identification function will be available at suitably equipped end office 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 the access tandem at which the function is available. Once customer identification has established the call will be routed to the customer.

Advanced Access Screening Capability will be provisioned as FGD. The Tandem Signaling Option is not available for use with Advanced Access Screening Capability.

Unless prohibited by network considerations, the customer 500 Advanced Access Screening Capability traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's other Access Service traffic of the same Switched Access Service Arrangement or be combined with the customer's 900 Access Service and /or 800 Data Base Access Service traffic of the same Switched Access Service Arrangement. When required by network considerations, a separate trunk group must be established for Advanced Access Screening Capability 500 traffic.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)

E. Advanced Access Screening Capability (Cont'd.)

Calls originating in LATA where the customer has not ordered the Advanced Screening Capability or in an end office where the Advanced Access Screening Capability is not available will not be completed.

The following 1+500 NPX-XXXX calls will be blocked by the Company.

- calls dialed with the 101XXXX access code,
- calls from a WATS Access Line
- calls originating from inmate Service, and
- call originating from Hotel / Motel Service.

The following 0+500-NXX-XXXX calls will be blocked by the Company.

- calls dialed with a 101XXXX access code.
  - calls from a WATS Access Line
  - calls originating from inmate service
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.1 Switched Access Service Arrangement and Manner of Provision (Cont'd.)**

**F. Manner of Provision**

Switched Access is furnished in either quantities of lines or trunks, or, for Tandem Switched Transport, in Busy Hour Minutes of Capacity (BHMC). FGB Access is furnished on per trunk basis. FGD is furnished on a BHMC basis for Tandem Switched Transport only. TRS Interconnection, FGD may also be provided to customers on a per trunk basis as set forth in Section 5.2, preceding.

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.

There are four major types. These are: Originating, Terminating, Switched Data and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; terminating traffic type represents access capacity within a LATA for carrying traffic from the end user; Switched Data Services traffic type represents access capacity within a LATA for carrying digital traffic between the customer and their end user; and Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access or FGD Access, the customer must at a minimum specify such access capacity in terms of originating traffic type and / or Terminating traffic type or Switched Data Services (available with FGD). Directory Assistance Access Service is set forth in Section 6.1.1.B., preceding.

Because some customers will wish to further segregate their originating FGB or FGD traffic into separate trunk groups or because segregation may be required by network considerations, Originating traffic type is categorized into Domestic, 500, 800, 900 and Operator and IDDD. Domestic traffic type represents access capacity for carrying only domestic traffic type other 500, 800, 900 and Operator Traffic type represent access capacity for carrying respectively, only 500, 800, 900 Operator traffic. When ordering such types of access capacity, the FGD customer must specify domestic, 500, 800, 900 Operator or IDDD traffic type.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.2 WATS Access Line Service

WATS Access Line Service is a type of Special Access Service that is provided for use with all Switched Access Service Arrangements. WATs Access Line Service connects an end user premises with a WATS Serving Office (WSO).

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.3 Rate Categories**

There are three rate categories which apply to Switched Access Service: Local Transport (described in Section 6.1.3.A., following); Local Switching (described in Section 6.1.3.B., following); and Common Line as described in Section 4, preceding.

In addition, other charges may apply as set forth following. An Equal Access Cost recovery rate, as set forth in Section 13.6, following, applies to Interexchange carriers who obtain FGD Switched Access Service. A Customer Identification Charge as set forth in Section 13.6, following, applies to customers who obtain 800 Data Base Access Service.

**A. Local Transport**

Local Transport provides the transmission facilities between the customer's premises, multiplexing node or virtual collocation agreement and the end office switch(es) where the customer's traffic is switched to originate or terminate its communications. For purposes of determining local transport mileage, distance will be measured from the wire center that normally serves the customer's premises, multiplexing node or virtual collocation agreement to the end office switch(es) or the access tandem. Exceptions to the mileage measurement rules are set forth in Section 6.4.9, following.

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 Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises, multiplexing node or virtual collocation agreement) and in the terminating direction (from the customer's premises, multiplexing node or virtual collocation agreement to the end office switch) but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hertz.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories

A. Local Transport (Cont'd.)

The Company will work cooperatively with the customer in determining (1) whether the service is to be directly routed to an end office switch, or through an Access Tandem switch (2) routed through a TOPS Tandem Switch and (3) the directionality of the service. In addition, when the customer has ordered FGD with the Switched Data Access Capability and / or the 64 Kbps Clear Channel Capability optional features, the Company will assure that these facilities are capable of handling 56 Kbps or 64 Kbps Clear Channel digital data as appropriate.

When the customer has ordered FGD with the SS7 Signaling Option as set forth in 6.1.3.(A)2.(d), following, the Company will provide the option in accordance with technical specifications set forth in Technical Publication TR-TSV-000905 and TSV-000962.

The circuits and equipment used for local transport may be dedicated to a single customer (dedicated transport) or used in common by multiple customers (common transport).

For dedicated transport, the customer must order or have in place an Entrance Facility from the customer premises, multiplexing node or virtual collocation arrangement to the serving wire center of the customer designated premises.

The customer has the option of a 2-wire voice grade, 4-wire voice grade or DS1 Entrance Facility for local transport from the customer designated premises to the serving wire center of such customer designated premises. For collocation, the customer has the option of a DS1 entrance facility for local transport from the customer's collocated premises to the serving wire center of such collocated premises. The customer also has the option of voice grade or DS1 direct trunked transport from the customer's service wire center to designated end offices or access tandems. The local transport rate category provides for DS1 to Voice grade multiplexing optional features.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

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.

The Local Transport rate when provided as a Direct Trunked Transport (dedicated transport to an access tandem), is comprised of a channel mileage rate. Dedicated Tandem Trunk Port Rates, Host / Remote transport rates and Operator Passthrough charge STS1 to DS1, DS3 to DS1 and DS1 to Voice Multiplexing charges or CCSA charges will apply, as appropriate.

The Local Transport Rate when provided as Tandem Switched Transport (dedicated transport from the access tandem to the end office), is comprised of a Channel Mileage rate, Dedicated Tandem Trunk Port rates, a Local Transport Termination rate, a Local Transport Facility Rate, a Tandem Switching Rate, and a Transport Multiplexing Rate. Host / Remote transport rates and Operator Pass through charge or CCSA charges will apply as appropriate.

The Local Transport Rate category is comprised of an Interconnection charge which provides for interconnection with the Company Switched Access Network.

The Direct Trunked Transport Channel Mileage rates provide for that portion of the voice frequency transmission path from the serving wire center of the customer premise or multiplexing node directly to an end office or to an access tandem.

The Dedicated Tandem Trunk Port rate provides for the termination of a voice frequency transmission path into the serving wire center side of an access tandem.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

The Local Transport Termination rate provides for the termination of the voice frequency transmission path at the end office switch or access tandem for traffic that is switched at an access tandem. The local transport Termination rate also provides for the termination of the voice frequency path at a host end office.

The Host / Remote Transport Termination rate provides for the termination of the voice frequency transmission path a remote switching system (RSS) or remote switching module (RSM).

The Local Transport facility rate provides for that portion of the voice frequency transmission path between an end office and the access tandem.

The Host / Remote Transport Facility provides for that portion of the voice frequency transmission path between a host end office and a remote switching system (RSS) or remote switching module (RSM).

The Local Transport Tandem Switching Rate provides for the use of the Company's tandem switching function.

The Transport Multiplexing Rate provides for the use of common DS3 to DS1 Multiplexers in the end office side of an access tandem for traffic that is switched at an access tandem.

At the customer's option, multiplexing functions may be performed at the serving wire center of the customer premises, a multiplexing node or virtual interconnection agreement or at a terminus, Intermediate or Super Intermediate Hub. Channel Mileage rates and a Mid-Link nonrecurring charge will apply if multiplexing functions are performed between two Company Hubs.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

When the Customer orders a DS3 Direct Trunked Transport to an end office or an access tandem, the customer must also order DS3 to DS1 Multiplexing Optional Feature at the end office or access tandem.

Local Transport and the CCSA option are provided at the rate and charges set forth in Section 13.6, following. The Operator Pass through charge is set forth in Section 13., following.

CCSA is comprised of a STP Link Termination rate, a STP Link Transport Rate, and a STP Port Rate. Th STP Port rate is described in (B) Local Switching, following.

The STP Link Termination rate provides for the connection from the customer designated premises to the serving wire center.

The STP Link Transport rate provides for the transmission facilities between the serving wire center of the customer designated premises and the Company STP.

Notwithstanding the first paragraph of Section 6.1.3.A, the Local Transport Mileage for FGB and FGD which originate from and terminate to WATS Access Line Service, will be calculated in accordance with Section 6.4.9, following.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1. Interface Groups

Seven Interface groups are provided for terminating the local transport at the customer's premises and two Interface Groups are provided for terminating the Local Transport at the customer's multiplexing node or virtual collocation arrangement. Each interface group provides a specified premises interface determined by the type of entrance facility specified by the customer (e.g., two-wire, four-wire, DS1 etc. . . . ). Where transmission facilities permit, the individual transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the first point of switching may, at the option of the customer, be provided with optional features described herein.

As a result of an access order and the type of the entrance facilities serving the customer's premises, the need for signaling conversion or two-wire or four-wire conversions, or the need to terminate digital or high frequency facilities may require that the Company equipment be placed on the customer's premises. For example, if a voice frequency entrance facility is ordered by the customer and company facilities are serving the premises are digital, then Company Channel Bank Equipment must be placed at the premises in order to provide the voice frequency entrance facility ordered by the customer.

Technical Publication TR-NWT-000334 provides compatibility and interface requirements using Switched Data Access capability in conjunction with FGD.

Compatibility and interface requirements for using Switched Access Interface Group 9 are in accordance with the guidelines set forth in Technical Reference GR-342, Issue 1.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1. Interface Groups (Cont'd.)

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 an access tandem. All interface groups are provided with data transmission parameters.

Only certain premises interfaces are available at the customer's premises, multiplexing node or virtual collocation arrangement. The premises interfaces associated with the Interface Group may vary among Switched Access Service Arrangements. The various premises interface which are available with the Interface Groups, and the Switched Access Service Arrangements with which they may be used are set forth in (1)(f), following.

a. Interface Group 1

Interface Group 1, except as set forth in the following, provides a two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable if transmission of voice and associated telephone signals with the frequency and bandwidth of approximately 300 to 3000 Hz.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1. Interface Groups (Cont'd.)

a. Interface Group 1 (Cont'd.)

Interface Group 1 is not provided in association with FGD when the first point of switching is an access tandem. In addition Interface Group 1 is not provided in association with FGB or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer's premises and the point of switching 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 with the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGB and FGD with DNIS on 800, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1. Interface Groups (Cont'd.)

b. Interface Group 2

Interface Group 2 provides for four-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000Hz

The transmission path between the point of termination at the customer's premises and the point of switching 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 with the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGB and FGD with DNIS on 800, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

c. Interface Group 6

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises, multiplexing node or virtual collocation arrangement. The interface is capable of transmitting electrical signals at a rate of 1.544 Mbps, with the capability to channelize up to 24 voice frequency paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Company will provide at the first point of switching, A DS1 signal in DS/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

d. Interface Group 7

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of or transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Company will provide at the first point of switching, DS1 signals in D3 / D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

e. Interface Group 9

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical or optical signals at a nominal 44.736 Mbps, with the capability to channelize up to 28 DS1 transmission paths or up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Company will provide at the first point of switching, DS1 signals in D3 / D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

f. A Synchronous Transport Signal Level 1 (STS-1)

A Synchronous Transport Signal Level 1 (STS-1) Interface provides a 51.58 Mbps signal that is the electrical equivalent of the SONET OC-1 signal. The interface is capable of transmitting electrical signals at DS3 (44.736 Mbps), with the capability to channelize up to 28 DS1 transmission paths or up to 672 voice frequency transmission paths.

The interface will only be available in the Company end offices and access tandems that have been designated as Intermediate Hubs and are equipped with STS-1 capable digital cross connect systems.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

g. CCSA Signaling Connection Premises Interface Codes

The SS7 Signaling Portion is provided with FGD. These trunks may be provided using Interface Groups 1, 2, 6, 9, and STS-1. CCSA signaling connections are provided using Interface Groups 6 and 9 showing which premises interface codes are available for signaling connections as a function of CCSA level of Digital transmission.

Interface Group	Level of Transmission	Premises Interface Code
6	DS1	04DS9-1S
6	DS1	04DS9-1S
9	DS3	04DS6-44

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

h. Optical Switched access Service DS3 premises Interface Codes

The Optical Switched Access Service DS3 Entrance Facility is provided for use with all Feature Groups Arrangements with an Interface Group 9. The following interface codes are available for signaling connections as a function of the Optical transmission.

Interface Group	Level of Transmission	Premises Interface Code
9	135 Mbps	04FCF-13
9	405 Mbps	04FCF-40
9	560 Mbps	04FCF-56
6, 9, 12 or STS-1	155.20 Mbps	02S0F.B, D, F 04S0F.B, D, F 04SMF.A03, A3, A12, A21,B
9, 12 or STS-1	622.80 Mbps	02S0F.B, D, F 04S0F.B, D, F 04SMF.AC, B9, C6, E
9, 12 or STS-1	2.488 Gbps	02S0F.B, D, F 04S0F.B, D, F 04SMF.AF, EE, FD, GC, H

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2. Optional Features

Where transmission facilities permit, the Company will at the option of the customer, provide the following optional features in association with Local Transport.

a. Supervisory Signaling

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.

- i. 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.
  - ii. For Interface Group 2 - SF supervisory signaling or tandem supervisory signaling.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2. Optional Features (Cont'd.)

a. Supervisory Signaling (Cont'd.)

- iii. 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.

These optional supervisory signaling arrangements are not available in combination with SS7 signaling option as specified in Section 6.1.3.A.2d., following.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2. Optional Features (Cont'd.)

b. Customer Specified Entry Switch Receive Level

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.

c. Customer Specific Specification of Local Transport Termination

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.

d. Signaling System 7 (SS7) Signaling Option

Signaling System 7 Signaling Option allows the customer to receive signals for a call setup out of band. This option is available with FGD. The option is provided with calling party number, charge number and carrier selection parameter as specified in section 6.3.4.C, following

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2. Optional Features (Cont'd.)

e. Common Channel Signaling Access (CCSA)

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 Company SS7 Network. The STP link and STP Port are dedicated to the customer. Shared Use may also be provided.

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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2. Optional Features (Cont'd.)

e. Common Channel Signaling Access (CCSA) (Cont'd.)

The STP Locations are set forth in the NECA Tariff FCC No. 4. 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 Company's SS7 signaling network to provide connection to the other STP pair in the LATA. If available capacity exists within the 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's 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.

Subject to the provision as set forth in Section 2.1.2, preceding, the Company make every reasonable effort to provide CCSA, under normal business conditions, within 18 months from receiving the customer's request at locations listed in the National Exchange Carrier Association, Inc. Tariff FCC No. 4.

Shared Use Arrangements as specified in Section 5, preceding may also be provided.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2 Optional Features (Cont'd.)

f. 64 Kbps Clear Channel Capability (64CCC)

64CCC provides for Bipolar with Eight Zero Substitution (B8ZS) encoding technique that allows a customer to transport voice or data signals over a 64 Kbps channel with no constraint on the quantity or sequence of ones (mark) and zeros (space) bits. The derived 64 Kbps clear channel supports superframe (SF) or extended superframe (ESF) formatting. 64CCC is a non-chargeable option available with Feature Group D when ordered with the SS7 Signaling Option. This optional feature requires the use of Interface Group 6 or 9 and is required for originating or terminating 64 Kbps calls to an Integrated Services Digital Network (ISDN). 64 CCC is available in suitably equipped electronic end offices as specified in the National Exchange Carrier Association, Inc. Tariff FCC No. 4.



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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

2 Optional Features (Cont'd.)

- g. The Local Transport Multiplexing option feature allows for a DS3 facility to be channelized into 28 DS1 services or for a DS1 facility to be channelized into 24 voice grade channels or Voice Grade equivalent services. Multiplexing is available at the serving wire center of the customer premises, multiplexing nodes or virtual collocation arrangement, at designated Hub locations as identified in the National Exchange Carrier Association, Inc. tariff FCC No. 4. At the end offices or at the Company access tandems.

DS1 to voice multiplexing is not available at end offices

- h. Tandem Signaling

The Local Transport Tandem Signaling Option delivers to Tandem Switching Providers the Carrier Identification Code and signaling information digits necessary to identify each access call routed to the tandem switching provider's location, by customer and call type, when the Tandem Switching Provider's service is used to rout multi - FGD customer traffic. The Tandem Switching Option is available with Direct trunked Transport from an end office to the service wire center of the Tandem switching provider's point of interface. This option is provided over Direct Trunked Transport arrangements with originating FGD with either MF or SS7 signaling. MF signaling with the tandem Signaling Option is provided subject to the specifications in TR-NWT-000506 and TR-TSY-000540. SS7 Signaling with the Tandem Signaling Option is provided subject to the specifications in GR-317-CORE, GR-394-CORE and TR-TSV-000905. The Tandem Signaling Option is not available with terminating or two-way trunks. It is also not available from end offices where Minimum Divergence Access Service is provided or designated electro-mechanical end offices.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

.2 Optional Features (Cont'd.)

i. Switched Wideband Capability

Switched Wideband Capability allows a customer to transport data signals at bandwidths from 128 Kbps to 1.536 Mbps in increments of  $n \times 64$  Kbps, where  $n$  represents a number of trunks from two (2) to twenty four (24). Switched Wideband Capability is a non-chargeable option available only with FGD. This option requires the use of Interface Group 6 or 9 in conjunction either the SS7 Signaling and 64 Kbps Clear channel Capability options originate and terminate wideband calls. Switched Wideband capability is available from end offices and access tandems as identified in the National Exchange Carrier Association, Inc., Tariff FCC No. 4.

At the times of ordering, the customer must specify a channel assignment scheme for occupying time slots in the interface group. The channel assignment scheme may be fixed, floating or flexible. The fixed scheme requires that the selected 64Kbps channels be contiguous time slots in the interface group. The flexible scheme allows the selected 64 Kbps channels to occupy any available non-contiguous time slots in the interface group as long as the individual channel order is maintained.

Technical specifications for Switched Wideband Capability are set forth in technical Publication TR-NWT-001203.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

B. Local Switching,

Local Switching rate category 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.

- Local End Office Switching - The common switching functions associated with the various Switched Access feature groups.
- Transport Termination - The line or trunk side arrangements which terminate the local transport facilities at end offices.
- Intercept - The termination of a call at a Company intercept operator or recording.
- The termination for the end user lines (common lines and WALs) terminating in the end office.

WAL Service terminations are differentiated by line side vs. trunk side terminations, the standard WAL service arrangement is available with line side termination. There are various types of line side termination depending on the type of signaling associated with the WATS Access Line (i.e., loop or ground start). Line Side terminations are available with either dial pulse or Dual Tone Multifrequency address signaling.

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.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

B. Local Switching (Cont'd.)

The Local Switching rate category includes monthly rates, usage rates, chargeable and non-chargeable option features and Basic Service Elements.

The premium usage rate for Switched Access Service Arrangements are divided into two (2) rate categories. For Feature Group B and D the categories are LS1 and LS2.

LS1 provides local dial switching for FGB, except for when FGB is used to terminate traffic to a WATs Access Line (WAL), provided from an equal access end office and for FGB when utilized to provide MTS / WATs service.

LS2 provides local dial switching for FGD and FGB used to terminate traffic to a WAL provided from an equal access end office and for FGB when utilized to provide MTS/ WATS Service.

The Shared End Office Trunk Port provides for the termination of Tandem Switched Transport. Access Minutes for all Switched Access Service subject to the Shared End Office Trunk Port will be multiplied by the per minute rate set forth in Section 13.6, following.

The STP Port Rate provides for the point of termination to the signal switching capability of the STP. The STP provides the customer access to the Company's SS7 Network and is dedicated to the customer. The STP Port rate applies on a per month basis.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

B. Local Switching (Cont'd.)

The Dedicated End Office Trunk Port provides the for the termination of Direct Trunked Transport trunks at an end office. The dedicated end office Trunk port rate as set forth in Section 13.6, following applies per activated trunk for all trunk side services terminating at either analog or digital end offices.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2 local dial switching or FGD. International dialing provides for the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGD.

Rates for LS1 and LS2 are set forth in Section 13.6, following. The application of these rates with respect to the individual switched Access Service Arrangements are set forth in Section 6.6.1, following.

Various Common Switching optional features and Transport Termination optional features are available and are described in 6.3, following.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.4 Special Facilities Routing, (Cont'd.)**

Any customer may request that the facilities used to provide Switched Access Service be specially routed. Rates and Charges for Special Facilities Routed will be on an individual case basis.

**6.1.5 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.

**6.1.6 Acceptance Testing**

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

**6.17 Ordering Options and Conditions**

Switched Access Service is ordered under Access Order Provisions set forth in Section 5, preceding. Also, included in that section are other charges which may be associated with ordering switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc. . . ).

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.1 General (Cont'd.)**

**6.1.8. CCSA and SS7 Signaling Option**

When CCSA and / or SS7 signaling option with FGD is ordered, network compatibility and other operational tests will be performed cooperatively by the customer and the Company. These tests will verify the capabilities as set forth in the Technical Publication TR-TSV-000905 and TR-TSV-000962.

**6.1.9 Switched Wideband Capability Testing Requirements**

When Switched Wideband capability is ordered for use with the SS7 Signaling and 64Kbps Clear Channel Capability options, network compatibility and other operational tests will be performed cooperatively by the Company and the customer. These tests will verify the capabilities as set forth in Technical Publication TR-NWT-001357.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service**

Switched Access Service is provided in two (2) bundled Feature Group arrangements. The provision of each Feature Group requires Local Switching and Local Transport Facilities and the appropriate Local Switching Functions. In addition, WATS Access Line service as described in Section 7.2.1, following may, at the option of the customer, be provided for use with all Switched Access Service Arrangements.

There are also various Local Transport and Local Switching optional features available with the Feature Groups. Unless specifically stated otherwise, these optional features are available with all Company end office switches with the following exceptions. WATS Access Line Service Termination optional features are available only in end offices as WATS serving Offices.

There are three specific transmission specifications (i.e., Types A, B, or C) that have been identified for the provision of Switched Access Service Arrangements. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether service is routed to an end office or subtending tandem. The parameters for the transmission specification are set forth in 6.4.1, following.

Switched Access Service Arrangements are arranged for either originating, terminating or two way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from the Exchange Service locations to the customer's premises, multiplexing node or virtual collocation arrangement to the Telephone Exchange Service locations. Terminating calling permits the delivery of calls from the customer's location, multiplexing node or virtual collocation arrangement to the Telephone Exchange Service locations. Two calling permits the delivery of calls in both directions, but not simultaneously. For Direct Trunked Transport the Company will work cooperatively with the customer to determine the directionality required.



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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.1 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 950-0XXX 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 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 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.1 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 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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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.1 Feature Group B (FGB) (Cont'd.)**

- E. Signaling - the trunk side switch equipment is provided with wink start pulsing signals, and answer and disconnect supervisory signaling. FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with ANI or rotary dial station signaling arrangements as set forth in section 6.2.4A and 6.2.4B, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the local transport provided.
- F. Intercept Announcement - When all FGB switching arrangements are discontinued at an end office and / or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.1 Feature Group B (FGB) (Cont'd.)**

- H. Testing Capabilities - FGB is provided, in terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, loop around test line, short circuit test line and open circuit test line.
  - I. Provisions of Other Services - The Interexchange Carrier will be provided with the routing of intraLATA calls to the Company for use of WAL service option, when a WAL service is provided in conjunction with FGB.
  - J. Common Switching Optional Features
    - 1. Alternate Traffic Routing
    - 2. Automatic Number Identification (ANI)
    - 3. Hunt Group Arrangement for Use with WATS Access Line Service
    - 4. Non-hunting Number for the Use with Hunt Group Arrangement
    - 5. Uniform Call Distribution for Use with WATS Access Line Service
    - 6. Uniform Call Distribution Arrangement for use with WATS Access Line Service
    - 7. Up to 7 Digit Out- pulsing of Access Digits to Customer.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

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

6.2.1 Feature Group B (FGB) (Cont'd.)

K. Transport Termination Optional Features

1. Rotary Dial Station Signaling

L. Local Transport Optional Features

1. Customer Specific Entry Receive Level

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

M. WATS Access Line Service termination Optional Features

1. Answer Supervision

2. E&M Supervisory Signaling

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.2. 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 database 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 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 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

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

6.2.2. 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 "0" for access to the customer's operator, 911 for access to the 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 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.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.2. 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.
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Effective: October 1, 2011

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.2. 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 signaling when the 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.2. 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

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

6.2.2. 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.
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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

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

6.2.2. 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
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

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

6.2.2. 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) from 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.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.3. 800 Data Base Access Service**

- A. 800 Data Base Access Service is a service offering utilizing trunk side switched access service. The service provides for the forwarding of end user dialed 800 calls to a Company service switching point which will initiate a query to the data base to preform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the dialed 800 number (i.e., 1-800-NXX-XXXX) or, if the 800 to POTS number translation feature is specified, a translated ten digit POTS number (i.e., NPA-NXX-XXXX) is delivered to the customer premises.
    - 1. An 800 customer identification charge described in 6.4.4, applies to customer who obtain 800 access services.
  - B. No access code is required for 800 Data Base Access Service. When an 800+NXX-XXXX call is originated by an end user, the Company will perform 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 Access 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.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.3. 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 Access Service traffic with the customer's direct routed switch access service arrangements will be allowed only when the end office is equipped to perform 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 Data Base Access Service must be ordered accordingly. SSP locations are identified in the NECA Tariff No. 4
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.2 Provision and Description of Switched Access Service (Cont'd.)**

**6.2.3. 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 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 translated from a specific 800 number to be delivered to a customer designated premises. If the translation feature is ordered, the customer will be unable to determine that such calls originated as 800 calls unless the customer also orders the ANI optional feature.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features**

Following are descriptions of various optional features and Basic Service Elements that are available in lieu of, or in addition to, the standard features provided with the Switched Access Service Arrangements. They are provided as either Common Switching, Transport Termination or WATS Access Line Service Termination Option.

**6.3.1. Common Switching**

**A. 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.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.1 Common Switching (Cont'd.)**

**A. (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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.1 Common Switching (Cont'd.)**

**A. (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 Company.

5. When SS7 signaling option is specified, the customer will be provided an ANI equivalent, the charge number feature, as specified in Section 6.34(B), following.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.1 Common Switching (Cont'd.)**

**B. Band 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.

**C. 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 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.

**D. 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 Company. This Feature is provided in the Company's end offices in which WAL service is provided. It is available with FGB and FGD.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.1 Common Switching (Cont'd.)**

- E. 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.

- F. Routing of IntraLATA Calls to the Company for Use with WAL Service

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

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.1 Common Switching (Cont'd.)**

- G. 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.
- H. 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.
- I. 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.2 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.3 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

**6.3.4 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.

The information digits shall only be used for billing and collection, routing and screening and completion of the originating subscriber's call or transaction.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.3 Local Switching Optional Features (Cont'd.)**

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

**B. (Cont'd.)**

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.

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.

- Performing the services or transaction that are the subject of the originating subscriber's call.
- Ensuring network performance security, and the effectiveness of the call delivery.
- Compiling, using and disclosing aggregate information.
- Complying with applicable laws.
- The above restrictions shall not prevent the subscriber to the CN feature from using information acquired from a CN feature, such as the telephone number and billing information or information derived from analysis of the characteristics of calls received through the CN feature, to offer a product or service that is directly related to the products or services previously purchased by a customer of the CN feature subscriber.

**C. Carrier Selection Parameter (CSP)**

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

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.3 Local Switching Optional Features (Cont'd.)

6.3.4 Local Switching Optional Features - SS7 Signaling Options

D. Carrier Identification Parameter (CIP)

This option feature 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.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company**

**6.4.1 Transmission Specifications**

- A. The Company will, upon notification by the customer that the data parameters are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.
- B. Each switched access service transmission path is provided with standard transmission specifications (Types A, B, and C). There are three types of transmission specifications. The standard for a particular transmission path is dependent on the switched access service arrangement, the entrance facility, the interface group and whether the service is directly routed or via an access tandem. Data transmission parameters are also provided with each switched access transmission path.

**6.4.2 Network Management**

- A. The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the 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 Company.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.2 Network Management (Cont'd.)

- B. The Company maintains the right to apply protective controls (i.e., those actions such as call gapping, which selectively cancel the completion of traffic), over any traffic carried over its network, including that associated with a customer's Switched Access service. Generally such protective measures would only be taken as a result of occurrences such as failure or overload of Company or customer facilities, natural disasters, mass calling or national security demands.

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

6.4.3. Design and Traffic Routing of Tandem Switched Trunks

- A. For Tandem Switched Access Service which is ordered on a BHMC basis, the Company shall design and determine the selection of facilities from the serving wire center of the customer premises to the access tandem, and to the subtending end offices.
1. The Company shall also decide if the capacity is to be providing originating only, terminating only, or two-way trunk groups.
  2. The Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.3 Design and Traffic Routing of Tandem Switched Trunks (Cont'd.)**

- B. Selection of facilities and equipment and traffic routing of the service are based in standard engineering methods, available facilities and equipment, and the Company traffic routing plans.
  - 1. If the customer desires routing and directionality different from that determined by the 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 Company, the Company will work cooperatively with the customer in determining the routing directionality of the service before establishing a firm order.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.4 Provision of Performance Data**

- A. Subject to the availability, end to end service performance data available to the Company through its own service evaluation routines, may also be made available to the customer based on previously arranged interval and format.
1. These data provide information on overall end to end call completion and non-completion performance (e.g., customer equipment blockage, failure results and transmission performance).
  2. These data do not include service performance data which are provided under other tariff sections, (e.g., testing service results).
  3. If data is to be provided in other than paper format, the charges for such provisions will determined on an individual case basis.

**6.4.5 Trunk Group Measurements Reports**

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

**6.4.6 Determination of Number of End Office Transport Terminations**

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

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.7 Design Blocking Probability**

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

- A. For FGB, the design blocking objective will be no greater 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 is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in SR-EOP-000191, trunk traffic engineering concepts and applications will be used by the Company to determine the number if transmission paths required to achieve this level of blocking.
  - 1. In the event of 900 Access Service media stimulated calling, the design blocking objective of no greater than one percent cannot be guaranteed.
  - 2. All service configurations will conform to the blocking objectives in this tariff except where the Company facility conditions cannot support the blocking objectives contained in this tariff; in such cases, blocking objectives that can be supported will be uniformly applied to all customers.



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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.7 Design Blocking Probability (Cont'd.)**

- C. The Company will perform 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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.7 Design Blocking Probability (Cont'd.)

D. (Cont'd.)

1. Chargeable Thresholds for Trunk Group Specified in Exhibit 6.4.7-1
    - a. Trunk Group Size 1-2 Allowable Overflows, per trunk, per month 18
    - b. Trunk Group Size 3-4 Allowable Overflows, per trunk, per month 19
    - c. Trunk Group Size 5-6 Allowable Overflows, per trunk, per month 13
    - d. Trunk Group Size 7-40 Allowable Overflows, per trunk, per month 10
    - e. Trunk Group Size 41-139 Allowable Overflows, per trunk, per month 09
    - f. Trunk Group Size 140-500 Allowable Overflows, per trunk, per month 08
    - g. Trunk Group Size 501 + Allowable Overflows, per trunk, per month 07
  2. Chargeable Thresholds for trunk Groups, Specified in Exhibit 6.4.7.-2
    - a. Trunk Group Size 1-4 Allowable Overflows, per trunk, per month 10
    - b. Trunk Group Size 5-6 Allowable Overflows, per trunk, per month 08
    - c. Trunk Group Size 7-125 Allowable Overflows, per trunk, per month 06
    - d. Trunk Group Size 126+ Allowable Overflows, per trunk, per month 05
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.7 Design Blocking Probability (Cont'd.)

EXHIBIT 6.4.7 -1 Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group				
For transmission paths carrying only first routed traffic direct between an end office and a customer's premises without an alternate route, and paths carrying only overflow traffic, the measured blocking thresholds are as follows.				
Number of Transmission Paths Per trunk Group	15-20 Meas.	11-14 Meas.	7-10 Meas.	3-6 Meas.
2	0.070	0.080	0.090	0.140
3	0.050	0.060	0.070	0.090
4	0.050	0.060	0.070	0.080
5-6	0.040	0.050	0.060	0.070
7 or more	0.040	0.035	0.040	0.060

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.7 Design Blocking Probability (Cont'd.)

EXHIBIT 6.4.7 -2 Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group				
For transmission paths carrying only first routed traffic direct between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows.				
Number of Transmission Paths Per trunk Group	15-20 Meas.	11-14 Meas.	7-10 Meas.	3-6 Meas.
2	0.045	0.055	0.060	0.095
3	0.035	0.040	0.045	0.060
4	0.035	0.040	0.045	0.055
5-6	0.025	0.035	0.040	0.045
7 or more	0.020	0.025	0.030	0.040

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.8 Measuring Access Minutes**

- A. Customer traffic to end offices will be measured (i.e., recorded) by the Company at the end office switch(es) or access tandem switch(es). Originating and terminating calls will be measured (i.e., recorded) by the Company to determine the basis for computing chargeable access minutes. When assumed minutes are used, the assumed minutes are the chargeable access minutes.
  - B. Feature Group B Usage Measurement
    - 1. For non-800 or non-900 originating calls over FGB, usage measurements begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.8 Measuring Access Minutes

B. Feature Group B Usage Measurement (Cont'd.)

4. The measurement of originating 800 or 900 service call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's first point of termination, whichever is recognized first by the entry switch.
  5. For terminating calls over FGB, usage measurements begins when the terminating FGB entry switch receives answer supervision for the Terminating end user's end office, indicating the terminating end user has answered.
  6. The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.
  7. When any or all the usage over an unmeasured FGB trunk originates from or terminates to a WAL service and the total FGB recorded at the WSO exceeds the assumed usage(s) set forth preceding, the recorded usage will be billed to the customer in lieu of the assumed usage.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.8 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.9 Determining Mileage Measurement**

- A. The mileage to be used to determine the tandem switched local transport facility or direct trunked transport channel mileage monthly rate is calculated on the airline distance between the end office switch where the call carried by the local transport originates and terminates and the customer's serving wire center, except as forth in the following exceptions or in Section 6.2.2. The V&H coordinates method is used to determine mileage. This method is set forth in Section 2.13.2.
  - 1. The Tandem Switched Local Transport Facility Mileage rate is shown in terms of per mile per access minute. The rate billed is determined by first computing the mileage using the V& H Coordinates Method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage; then the mileage is multiplied by the appropriate local transport facility rate.
  - 2. The Direct Trunked Transport Channel Mileage rate is shown in terms of fixed and per mile per month. To determine the rate to be billed, first compute the mileage using the V& H coordinates method. If the calculation results in a fraction of a mile, always round up to the next mile before determining the mileage, then multiply the mileage by the appropriate channel mileage per mile rate. The amount to be billed shall be the product of this calculation plus the appropriate fixed channel mileage rate.
  - 3. When hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., serving wire center of customer premises to a hub, hub to end office and / or hub to hub.



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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.4 Responsibility of the Company (Cont'd.)**

**6.4.9 Determining Mileage Measurement**

**A. (Cont'd.)**

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

**B. Exceptions to Mileage Measurement Rules**

1. When the alternate traffic routing optional feature is provided with FGB and FGD to provide service from an end office to different customer premises locations, local transport access minutes will apportioned between two transmission routes used to provide this feature. For FGB and for FGD which is routed via an access tandem, such apportionment will be made using standard Company traffic engineering methodology, as set forth in SR-EOP-000191, trunk traffic engineering concepts and application and will be based in the last trunk CCS desired for the high usage groups, as specified in Section 6.4.2, preceding, and the relative capacity ordered to the end office, when the feature group is provided at an access tandem switch. For FGD which is directly routed, the apportionment will be based in the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the local transport facility mileage or channel mileage calculation. The customer will be billed based on this apportionment.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.4 Responsibility of the Company (Cont'd.)

6.4.9 Determining Mileage Measurement

B. (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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.5 Obligations of the Customer**

**6.5.1. Facility Requirements**

- A. When ordering switched access service, the customer must, at a minimum, specify the Local Transport Entrance Facility, either existing or new, to be used and whether Direct Trunked Transport or Tandem Switched Transport is to be furnished. When Direct Trunked Transport is to be furnished, the customer must also specify the Direct Trunked Transport to be used, either existing or new.

**6.5.2. Report Requirements**

- A. Customers are responsible for providing the following reports or notification to 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 Company. This data will be used to monitor trunk group utilization and service performance and will be based in previously arranged intervals and format. Regulations pertaining to this report are also contained in Section 6.4.5, preceding.
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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.5 Obligations of the Customer (Cont'd.)**

**6.5.3. Supervisory Signals**

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

**6.5.4. Design of Switched Access Services**

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

**6.5.5. Determination of Number of Transmission Paths**

- A. For FGB and FGD when ordered on a per line or pre trunk basis the customer must specify the number of transmission paths in the order for service.
    - 1. A transmission path is a communications path with the frequency bandwidth of approximately 300 to 3000 Hertz or a derived communications path of frequency bandwidth of approximately 300 to 3000 Hertz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Company location.
    - 2. The number of transmission paths will be developed using the total BHMC by traffic type (as described in Section 6.1.4., preceding) for the end offices for each feature group ordered from a customer's premises. The total BHMC by type for the feature group end office will be converted to transmission paths using standard Company traffic engineering methods. The number of transmission paths provided shall be the number required based in the use of access tandem switches and end office switches, or the use of end office switches only, or the use of tandem switches only.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.5 Obligations of the Customer (Cont'd.)**

**6.5.6 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 Company. This data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

**6.5.7 Tandem Switching Providers**

When the Tandem Signaling Option is ordered with SS7 Signaling Option, the Tandem Switching Provider must set the Termination timer to a value no greater than 300 milliseconds. When tandem routed service is provided by a Tandem Switching Provider, the terminating minutes of use provided through the Tandem Switching Provider location are the responsibility of the Tandem Switching Provider. At the Tandem Switching Provider's request, the Company will bill each of the Tandem Switching Provider's customers directly for their respective usage, if the Tandem Switching Provider agrees to furnish the Company, free of charge, the call detail information necessary to bill its customers. (The information must be provided daily. If the tandem Switching Provider fails to provide the call detail information or fails to provide the information in the required format within thirty (30) days from the call activity date, then the Tandem Switching Provider will be billed for that day's usage. Where the total usage measured by the Company differs from that of the Tandem Switching Provider's detail information, the Company will work cooperatively with the Tandem Switching Provider to resolve the discrepancies.

The Tandem Switching Provider must retain documentation in support of the billing information for a period of fifteen (15) months after submission of billing data to the Company. The Company reserves the right to audit the billing information upon thirty (30) days' notice to the Tandem Switching Provider. In the event of a discrepancy, if final judgement cannot be reached, charges will be billed based on the results of the audit.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations**

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

**6.6.1 Description of Rates and Charges**

There are three (3) types of rates and charges that apply to Switched Access Service. These are recurring rates, usage rates and nonrecurring charges. These rates and charges are applied directly to various rate elements as set forth following.

**A. Recurring Rates**

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

**B. Usage Rates**

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute per occurrence (e.g., access minute, message call or query) basis. Usage rates are accumulated over a monthly period.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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.

**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.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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 6.6.3F, following. Changes in physical location of the point of termination are treated as moves, as specified in Section 6.6.3E. 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
  - e. Change of customer circuit identification
  - f. Change in billing account number
  - g. Change in customer test line number
  - h. Change of customer or customer's end user contact name or telephone number,.
  - i. change of jurisdiction
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

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

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

**3. Service Rearrangements (Cont'd.)**

- j. If, due to the technical limitation of the 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.
- i. 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.
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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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 SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.1 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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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

6.6 Rate Regulations (Cont'd.)

6.6.2 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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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.3 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 6.4, 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 6.4.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.3 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 Ttransport 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 6.6.5.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 6.4, preceding.

**6.6.4 Local Switching**

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

**6.6.5 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.

**6.6.6. Operator Passthrough**

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

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Effective: October 1, 2011

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.7 800 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.

**6.6.8 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.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.9 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 other Company Tariffs may also be applicable.

**6.6.10 Shared Use Switched Access Facility**

Shared Use occurs when Switched Access Service and Special Access Service are provided over the same facility through a common interface. The regulations governing Shared Use Arrangements are set forth in Section 5.2.7, preceding.

**6.6.11 Shared Billing Arrangement**

A Shared Billing Arrangement allows for the connection of one or more Service Users' Switched Access, Common Channel Signaling Access Services or Special Access to a Host Customer's multiplexed DS1 or DS3 Switched Access facility in the serving wire center of the customer designated premises or in designated Hubs capable of the of Multiplexing DS3 or DS1 Switched Access Services, with the Company maintaining separate records and billing for each. The Company will split the billing after the multiplexer for each service connected to the DS3 or DS1 Switched Access Multiplexer.

Each Customer will be billed for those rate elements associated with its own portion of the service configuration. Under no circumstances will the rates and charges for individual rate elements be split. This arrangement is only available when (1) a DS3 Switched access Service is multiplexed to DS1 Switched Access Services and (2) a DS1 Switched access Service is multiplexed to a Voice Grade Service under the regulations set forth in Section 5.2.7, preceding.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.11 Shared Billing Arrangement (Cont'd.)**

Each Customer may order its individual portion of the multiplexed service separately for the Company. However, the ordering customer must obtain and provide a copy of a signed letter(s) of authorization (LOA) as described in Section 5.2, preceding, to the Company when placing an order for a Shared Billing Arrangement. The letter of Authorization must be signed by both Host customer and the Service User and include the Channel Facility Assignment and Billing Account Number of the Host's Customer's service.

Each customer will be billed the applicable tariff rates and charges as set forth in Section 15, following for its individual service(s). The rates and charges for Multiplexing will be the responsibility of the Host Customer.

Each Customer shall be responsible for reporting service outages for its portion of the multiplexed service. Out of Service adjustment will be handled in accordance with Credit Allowance for Service Interruptions as set forth in Section 2.14, preceding.

Under a Shared Billing Arrangement, the Company may share with the Host Customer record information pertaining to the multiplexed service(s) of the service user(s). Such disclosure will be the sole discretion of the Company as necessary to perform billing reconciliations or other functions required in connection with maintaining separate account records.

Each Host Customer and Service User entering into a Shared Billing Arrangement is solely the responsible to the Company for charges associated that customer's portion of the Shared Billing multiplexed service. Disconnection of Service by the Host Customer does not relieve the Service User of the shared multiplexed service of any obligation to pay access charges associated with the portion of the shard multiplexed service to which the Service User is subscribes. Billing for services and facilities will continue until a disconnect request from the Host Customer or Service User has been received by the Company. The Host Customer of a Shared Billing Arrangement is solely responsible for the notifying the connecting Service User(s) participating in the Shared Billing Arrangement in the event of the Host Customer's service.

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.11 Shared Billing Arrangement (Cont'd.)**

For administrative purposes, one "Arrangement" under the Shared Billing Arrangement option shall be limited to one Host Customer permitting one Service User to connect to a specified number of service to one specified multiplexer on the Host Customer's service. A subsequent request by the service user to increase the number of services connected to the same multiplexer shall not constitute a new or separate "Arrangement."

A Shared Billing Arrangement shall be established between a Host Customer and as Service User upon the completion of the Service under for the first service(s) in the Arrangement. A Shared Billing Arrangement shall be deemed cancelled when the last service in the Arrangement belonging to the Service User has been disconnected.

A Processing Charge will apply for each Service User order processed for a Shared Billing Arrangement. The Switched Access Service Shared Billing Arrangement Processing Charge is contained in Section 13.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.12 Facility Hubs**

A customer as the option of ordering DS1 or DS3 facilities to a facility Hub for channelizing to individual services requiring lower capacity facilities.

All transport provided to or from an Intermediate or Super-intermediate Hub that is not the serving wire center of the customer designated premises or multiplexing node will be provided as Direct Trunked Transport.

Different locations may be designated as Hubs for different facility capacities, e.g. multiplexing from digital to digital occur at one location while multiplexing from digital to analog may occur at a different location. Locations (wire centers) that provide multiplexing for DS1 or DS3 Services have been designated as Intermediate Hubs or Terminus Hubs. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association, Inc. Tariff No. 4 which identifies the type(s) of multiplexing functions which are available, the two wire centers at which they are available and the wire centers that subtend DS3 to DS1 and DS1 to Voice Grade multiplexing Hubs.

End to end services may be provided on channels of these facilities to a Hub. The transmission performance or the end to end service provided between the customer and the selected end office(s) or tandem(s) will be that of lower capacity. For example, when a DS1 facility is multiplexed to Voice Grade channels, the transmission performance of the channelized service will be Voice Grade not DS1.

The Company will commence billing the monthly rate for the Facility Hub on the date specified by the customer on the service order. Individual services utilizing these facilities must be installed at a later date. The customer will be billed for a DS1 or DS3 Channel Termination, Channel Mileage (if applicable) and the multiplexer at the time the time the facility is installed. Individual service rates (by service type) will apply for Channel Mileage for each channelized service. These will be billed to the customer as each individual service is installed.

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**ACCESS SERVICE**

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.6 Rate Regulations (Cont'd.)**

**6.6.12 Facility Hubs (Cont'd.)**

Cascading multiplexing occurs when a DS1 or DS3 facility is de-multiplexed to provide channel with lesser capacity and one of the lesser capacity is further de-multiplexed. For example, a DS3 is de-multiplexed to twenty-eight DS1 channels and then one of the DS1 channels is further de-multiplexed to twenty-four Voice Grade Channels.

When cascading multiplexed is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing Locations, Channel Mileage Rates and mid-link nonrecurring charges also apply between the Hubs.

**CTC Communications Corp.**  
**d/b/a EarthLink Business**

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1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

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**SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)**

**6.7 Rate and Charges**

Rates and Charges for Switched Access Service is are set forth in Section 13.6, following.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE**

**7.1 General**

Special Access Service provides a transmission path to connect customers designated premises, a customer designated premises and a WATS Serving office (WSO), a customer designated premises and Network Controller location.

The connections provided by Special Access Service can be either analog or digital. Analog connections differentiated by spectrum and bandwidth. Digital Connections are differentiated by bit rate.

**7.1.1 Channel Types**

The are four types of channels used to provide Special Access Service. All channel types are sub-divided by one or more of the following

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

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

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.1 General (Cont'd.)**

**7.1.1 Channel Types (Cont'd.)**

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

- Voice Grade Channels - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000Hz.
- WATS Access Line
- Digital Data Service II - a channel for the simultaneous synchronous transmission of digital data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 Kbps.
- High Capacity - a channel for the digital transmission of isochronous serial data at rates of 1.544 Mbps or 44.736 Mbps.

Detailed descriptions of each channel type are provided in Section 7.2, following.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.1 General (Cont'd.)**

**7.1.1 Channel Type**

The customer has the option of ordering voice grade service and digital high capacity facilities (i.e., 1.544 Mbps or 44.736 Mbps) to a Company Hub for multiplexing to individual channel of a lower capacity. Descriptions of these types of multiplexing or grooming are at the hubs as well as the number of the individual channels which may be derived for each type of facility are set forth in Section 7.2, following. Additionally, the customer may specify optional features or Basic Service Elements(BSEs) for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions and BSEs are also set forth in Section 7.2, following.

A customer may order a 1.544 Mbps facility from a customer designated premises to a Company Hub for multiplexing to twenty four Voice Grade Channels. The Voice Grade Channels may further be further multiplexed at the same or at another Hub to another customer premises.

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.1 General (Cont'd.)

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

- Channel Termination as set forth in Section 7.1.2.A, following.
- Channel Mileage as described in 7.1.2.B. following,
- Optional Features and Functions or BSEs described

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions**

**7.2.1 WATS Access Line**

A WATS Access Line Service provides a channel for a voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS Service Office associated with the closed end of 800 Service, WATS or similar services. It is provided for use with Switched Access Service arrangements as set forth in Section 6, preceding subject to the following state requirements:

In Connecticut, as required by Connecticut State Law, Public act 87-415, without routing of Intra-Connecticut calls to the Feature Group D Switched Access Service customers who have not been issued a Certificate of Public Convenience and Necessity by the Department of Public Utility Control and who do not have an effective intrastate tariff for such service.

In Massachusetts, in accordance with the Department of Utilities Directive, "...intraLATA traffic will be blocked from those carriers who do not have an approved Certificate of Public Convenience and Necessity and an effective intrastate tariff on file with the Department of Public Utilities.

In New Hampshire, in compliance with the Public Utilities Commission's Order Docket 86-310 and in Maine in compliance with the Public Utilities Commission's Order in Docket 86-237, intraLATA traffic will be blocked from those carriers who do not have a Certificate of Public Necessity and Convenience and an effective intrastate tariff. In such cases, intraLATA traffic will be completed by the Incumbent Local Exchange Carrier, New England Telephone and Telegraph Company.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.1 WATS Access Line (Cont'd.)**

**A. Basic Channel Description**

WAL Service may, at the option of the customer, be arranged for originating calling only, terminating calling only or two way calling. WAL Service arranged for originating calling only which is not equipped with the End Office End User Line Service Screening optional feature, as detailed in Section 6., preceding. For two-way calling or (FGB) for terminating calling only is available for suitably equipped equal access WATS serving Offices with FGD capability. WAL Service is arranged for two way calling and is not available with Company Centrex CO service.

As specified in Section 6 , preceding, WAL Service is provided with either dial pulse or Dual Tone Multifrequency address signaling and either loop start or ground start, E&M or reverse battery supervisory signaling. Reverse Battery supervisory signaling is provided only for one way WAL service. The choice of the type of signaling is at the option of the customer and subject to the Technical Reference TR-NWT-000334. WATS Access Line Service is provided as an effective two-wire or four-wire transmission path.

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.1 WATS Access Line (Cont'd.)

B. Technical Specification Packages

Parameter	Package WAL-	
	1	2
Attenuation distortion	X	X
C-Message Noise	X	X
Echo Control	X	X
Envelop Delay Distortion	X	X
Frequency Shift	X	X
Impulse Noise	X	X
Intermodulation Distortion	X	X
Loss Deviation	X	X
Phase Jitter	X	X
Signal to C-Notch Noise		X

The technical specifications for acceptance limits and immediate action limits are delineated in Technical Reference TR-NWT-000334.

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.1 WATS Access Line (Cont'd.)

C. Channel Interfaces

The following channel interfaces are available with WAL service: EA, EB, GO, GS, LO, LS, RV

Compatible channel interfaces are shown below:

Premises Interface	WSO Supervisory Signaling
06EA2.E	EA, EB
06EA2.M	EA, EB
08EB2.E	EA, EB
08EB2.E	EA, EB
02GS2	GO
02GS3	GO
04GS2	GO
02LS2	LO
02LS2	LO
04LS2	LO
02RV2.T	RV
02RV3.T	RV
02RV2.O	RV
02RV3.O	RV
04RV2.T	RV

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.1 WATS Access Line (Cont'd.)

D. Optional Features and Functions

1. Improved Two-Wire Voice Transmission Specifications

a. Loss Deviation

The maximum loss deviation of the 1004 Hz loss relative to the Expected Measure Loss (EML) is -4.0 dB to +4.0 dB.

b. Attenuation Distortion

The maximum attenuation distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 is - 2.0 dB to + 6.0 dB.

c. C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

Route Miles	C-Message Noise
Less than 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.1 WATS Access Line (Cont'd.)

D. Optional Features and Functions (Cont'd.)

1. Improved Two-Wire Voice Transmission Specifications (Cont'd.)

d. Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Signaling Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

2. Extension Service

Extension Service provides for an additional termination(s) of WAL Service at another building(s) in the same or a different LATA.

A WAL Service channel termination charge applies for the communications path between the customer designated premises and the serving wire center of that premises. In addition where the wire center for the customer designated premises is different from the wire center for the premises where the WAL service terminated, channel mileage charges apply for the transmission facilities between the serving wire center of the customer designated premises and the WATS Serving Wire Office. The Special Access Surcharge as specified in Section 7.4, may be applicable.

Compatible channel interfaces are set forth in Section 7.3.5, following.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.1 WATS Access Line (Cont'd.)

D. Optional Features and Functions (Cont'd.)

2. Extension Service (Cont'd.)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Packages WAL -	
	1	2
Improved Two Wire		
Voice Transmission		
Specifications	X	X
Extension Service	X	X

Certain other options associated with WAL services are provided as either WATS Access Line Service, Line Termination or Common Switching Optional Features as defined in Section 6, preceding.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.2 Digital Data Service II**

**A. General**

Digital Data Service II (DDSII) is a digital private line service which provides for simultaneous transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2 and 56 kbps. The actual bit rate is a function of the channel interface selected by the customer. DDSII operates in a full-duplex, synchronous transmission mode over either two-wire or four-wire facilities between customer designated premises or between a customer designated premises and a Company Hub. In New England DDSII may operate over two-wire facilities between customer designated premises and a Network Controller location. 56 Kbps transmission operates on four-wire facilities only. DDSII Service is provided where suitable facilities exist.

At the option of the customer DDSII Service may be provided under a Variable Term Payment Plan as specified in Section 7.4.8, following, or when DDSII Service provides access to Frame Relay Service, DDSII Service may be provided under the Frame Relay Service Term Commitment Plan as specified in Section 7.4.8, following.

**B. Service Options**

**1. Two Station Service**

This offering may consist of two local distribution channels furnished in the same serving wire center or two local distribution channels furnished in different serving wire centers requiring an interoffice channel. Local distribution channels must be technically compatible and must have technically compatible Customer Provided Equipment (CPE) at both ends.

**2. Multi-Station Service**

This service consists of connections of three or more stations from designated serving wire centers and provides the capability to connect multiple stations. All stations must operate at the same transmission speed. Local distribution channels must be technically compatible and must have technically compatible CPE at all ends.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.2 Digital Data Service II (Cont'd.)

B. Service Options (Cont'd.)

3. Point to Serving Wire Center

This offering consists of a local distribution channel between the Customer premises and the Customer's serving wire center where DDSII capability exists to facilitate connection to another company service, or a local distribution channel and interoffice facilities between the Customer's serving wire center and the serving wire center where another company service is available.

4. Secondary Channel Capability

Channel conditioning, provided from suitably equipped serving wire centers, that permits a DDSII four-wire channel to be used with a compatible Customer provided Data Service Unit which can derive a lower speed secondary channel at a synchronous rate. The secondary channel operates in parallel with the primary DDSII channel and is used for diverse network capabilities including, but not limited to, providing a lower speed data channel or access to a network management system to perform on line diagnostics and testing, data monitoring traffic measurement, etc.

C. Service Components

1. Local Distribution Channel

A two-wire or four-wire loop between the Customer's premises and the Customer's serving wire center where DDSII digital service capability exists.

2. Interoffice Channel

A transmission path between serving wire centers where DDSII capability is available. The mileage is based on the airline distance using V and H coordinates between the serving wire centers.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.2 Digital Data Service II (Cont'd.)

D. Cancellation

When an application for service is cancelled or changed in whole or in part by the applicant prior to completion of the installation, the general regulations in Section 5.2.3, preceding, apply.

E. Interruption of Service

A credit allowance will be made for the portion of the service which is affected, subject to the limitations specified below. It shall be the obligation of the customer to notify the Company immediately of any interruption in service for which a credit allowance is desired by the customer, as specified in Section 2.14, preceding. For the purpose of determining the amount of allowance, every month is considered to have 30 days.

No credit will be made for the following interruptions to service:

1. Interruptions to service of less than 30 minutes.
  2. Interruptions due to the negligence of the Customer or authorized user.
  3. Interruptions of service due to the failure of the Customer to authorize replacement of any element of special construction. The period during which no credit allowance will be made shall begin on the seventh day after the Customer receives the Company's notification of the need for such replacement and shall end on the day after the Company receives the Customer's authorization for such replacement.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.2 Digital Data Service II (Cont'd.)**

**F. Suspension of Service**

DDSI and its associated equipment is not subject to a temporary suspension of service arrangement.

**G. Customer Provided Equipment**

The Customer must provide CSU/DSU or UDVM equipment at the premises. Equipment must comply with the appropriate technical standards.

1. Channel Service Unit/Data Service Unit (CSU/DSU) - Customer provided equipment which provides the standard interface to a Customer terminal and has functions such as signal translation, data regeneration, control signaling, reformatting and timing. This interface is used with a four-wire local distribution channel for speeds up to 56 kbps.
  2. Universal Data Voice Multiplexer (UDVM) - Customer provided equipment which provides the standard interface to a Customer terminal and has functions such as signal translation, data regeneration, control signaling, reformatting and timing. This interface is used with a two-wire local distribution channel for speeds less than 56 kbps.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.2 Digital Data Service II (Cont'd.)

H. Minimum Period and Fractional Charges

The minimum period for which service is furnished and for which charges are applicable is three (3) months.

The charges for a fractional part of a month which follows and is consecutive with a full month will be a proportionate part of the monthly charge using the same ratio that the actual number of days service is furnished bears to 30 days.

I. Application of Rates and Charges

Rate regulations are located in Section 7.4, following.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service

A. Basic Channel Description

1. General

A High Capacity Channel is a digital channel for the transmission of nominal 64.0 Kbps\*, 1.544 Mbps, 3.152 Mbps\*\*, 44.736 Mbps isochronous serial data. The actual bit rate and framing formats are a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises, between a customer designated premises and a Company Hub or between a customer designated premises and a Company Multiplexing Hub or Company Frame Relay Service Hub.

The High Capacity 44.736 Mbps Service is provided on digital optical equipment and light-wave facilities selected by the Company, and it is provided only through a serving wire centers equipped to furnish such service. At the customer designated premises, an optical fiber interface and digital optical equipment convert the signal from optical to electrical. A 110 volt AC15 amperes, separately fused, non-switched controlled, single power outlet must be provided by the customer at the customer designated premises.

\* Available as a channel of a 1.544 Mbps facility between two Telephone Company digital Hubs or as a cross connect of 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities at a digital Hubs. The customer must provide system and channel assignment data. Digital Hubs include both Digital Data Hubs and High Capacity Multiplexing Hubs.

\*\* available in New England Telephone only.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**B. Optical Fiber Interface Option**

At the option of the customer, 44.736 Mbps (DS3) Service may be provided with an optical interface at four levels of capacity, as three (135 Mbps), nine (405 Mbps)\*, twelve (560 Mbps) or 48 (2.488 Gbps) groups of 44.736 Mbps channels. The customer may order a minimum of one (1) and a maximum of three (3) DS3 channels for the 135 Mbps capacity; a minimum of two (2) and a maximum of nine (9) DS3 channels for the 405 Mbps capacity; a minimum of two (2) and a maximum of twelve (12) DS3 channels for the 560 Mbps capacity; a minimum of two (2) and a maximum of forty-eight (48) DS3 channels for the 2.488 Gbps capacity. This service may be provided between the customer designated premises and a Company Hub subject to availability of facilities under the following two options.

\* Available as a channel of a 1.544 Mbps facility between two Telephone Company digital Hubs or as a cross connect of 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities at a digital Hubs. The customer must provide system and channel assignment data. Digital Hubs include both Digital Data Hubs and High Capacity Multiplexing Hubs.

\*\* available in New England Telephone only.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**B. Optical Fiber Interface Option (Cont'd.)**

**1. Option 1**

An optical channel from a Company Service Wire Center equipped to furnish such service to an optical fiber interface at the customer's premises. The customer will provide Optical Line Terminating Multiplexing or SONET equipment in lieu of Company provided digital optical equipment.

**2. Option 2**

The customer's optical cable is spliced to the Company optical cable at the designated fiber meet point, or the customer shall make available at the meet point an additional length of fiber optic cable for the purpose of connecting the fiber optic cable to the Company Central Office. The latter option of providing an additional length of fiber optic cable shall be available to the customer only where facilities permit. The location of fiber meet point is considered to be a customer designated premises for the purpose of administering regulations and rates contained in this tariff. The customer provides the Optical Line Terminating Multiplexing at the customer designated premises. The Company will work cooperatively with the customer to select the Company designated fiber meet point which may be associated with the normal serving wire center. In the latter case, interoffice channel mileage will be calculated from the alternate serving wire center.

Under Option 2, the customer's fiber for the mid-span meet must be compatible with the fiber employed by the Company. The Company will perform the splice at a charge as specified Section 13.6, following. Responsibility for maintenance, repair and disconnection of the splice shall be with the Company.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**B. Optical Fiber Interface Option (Cont'd.)**

**2. Option 2 (Cont'd.)**

When an additional length of fiber optic cable is made available by a customer at the meet point location, the Company shall designate the length of fiber optic cable and shall complete the installation of the fiber optic cable to the central office. All rights, title and interest in the additional length of fiber optic cable shall be transferred, free of any and all liens and encumbrances, by the customer to the Company for \$1.00, the receipt and sufficiency of which is hereby acknowledged by the customer. The telephone company shall clearly mark the fiber optic cable at the meet point location so as to designate where the customer provided portion of the cable ends and where the Company fiber cable begins. The transfer shall be deemed to have taken place as of the time the Company assumes physical control of the additional length of fiber optic cable to begin connection of that cable to the Company's central office.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions

1. Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premise. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premise. The Customer is responsible for providing the equipment at its premise. The feature is not available with channels utilizing Clear Channel Capability Line Code.

2. Transfer Arrangement BSE

An arrangement, available in New England Telephone, that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a channel of Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premise. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

3. Central Office Multiplexing

The National Exchange Carrier Association, Inc. Tariff FCC No. 4 identifies the serving wire centers where the following Central Office Multiplexing BSEs or options are available.

a. DS3 to DS1 BSE

An arrangement that converts a 44.736 Mbps channel to 28 DS1 Channels (1.544 Mbps) using digital time division multiplexing.

b. DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to 2 DS1 Channels (1.544 Mbps) using digital time division multiplexing.

c. DS1 to Voice (New England Telephone) BSE

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of the DS1 to the Hub can also be used for Digital Data Service II, Digital Data Service, Data Over Voice Service, Program Audio or Metallic Service.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**C. Optional Features and Functions (Cont'd.)**

**3. Central Office Multiplexing (Cont'd.)**

**d. DS1 to Voice (New York Telephone) BSE**

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of the DS1 to the Hub can also be used for Digital Data Service, Program Audio or Metallic Service.

- or -

An Arrangement that converts a 1.544 Mbps channel to 24 channels for the use with Voice Grade Service, Digital Data Service II and Digital Over Voice Service.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

3. Central Office Multiplexing (Cont'd.)

e. DS1 to DS0 BSE

An arrangement that converts 1.544 Mbps channel to 24 64.0 Kbps channels using digital time division multiplexing.

f. DS0 to Subrate

An arrangement that converts 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8.Kbps, five 9.6 Kbps channels using digital time multiplexing. This arrangement is available with Digital Data Service only.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4. Clear Channel Capability (CCC)

CCC provides a Bipolar with Eight Zero Substitution (B8ZS) encoding technique that allows a customer to transport 1.536 Mbps information rated signals over a 1.544 Mbps High Capacity Channel with no constraint on the quantity of the sequence of ones (mark) and zero (space) bits. This arrangement allows customers to derive 64 Kbps clear channels. This service is provided only on 1.544 Mbps High Capacity Channels between two customer premises and is subject to the availability of facilities. This arrangement requires the customer-provided multiplexing equipment to be compatible with the B8ZS line code as specified in Technical Reference TR-NPL-000054 and TR-INS-000342.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5. Alternate Serving Wire Center

Alternate Serving Wire Center is an optional feature in which High Capacity Channel Terminations are provided over an alternate route to a serving wire center other than the wire center that normally serves the customer's designated premises. The Company will designate the serving wire center to be used. The mileage used to determine the monthly rate for channel mileage is based on the normal serving wire center associated with the customer designated premises. This feature is not available with Shared Use Digital High Capacity Service or 44.736 Mbps High Capacity Service with the Optical Fiber Interface option.

When a customer orders the Alternate Serving Wire Center Optional Feature, the Alternate Serving Wire Center Rate as set forth in Section 13.6, following, applies in addition to the Channel Termination and Channel Mileage Rates and Charges for each applicable High Capacity Service.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

6. Shared Billing Arrangement

A Shared Billing Arrangement allows for the connection of one or more Service Users' Special Access to a Host Customer's multiplexed High Capacity in the Company serving wire centers designated as Hubs capable of multiplexing High Capacity services, with the Company maintaining separate records and billing for each. The Company will split the billing after the multiplexer for each service connected to High Capacity Multiplexer.

Each customer will be billed for those rate elements associated with its own portion of the service configuration. For ThruPath Service Connections, the Service User (i.e., the ordering customer) will be billed for the Channel between the two multiplexers of the High Capacity Service. Under no circumstances will the rates or charges for individual rate elements be split. This arrangement is only available when (1) a 44.736 High Capacity Service is Multiplexed to 1.544 Mbps High Capacity Service; (2) when a 1.544 Mbps High Capacity Service is multiplexed to a Voice Grade or DDS II\* Services or combination of Voice Grade Service and DDSII Service. Hubbing locations are set fourth in the National Exchange Carrier Association, Inc., Tariff FCC No. 4.

\* DDS II and 1.544 Mbps High Capacity Service Hubs must be located in the same building.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

6. Shared Billing Arrangement (Cont'd.)

Each customer may order its individual portion of the multiplexed service separately from the Company. A ThruPath Service Connection may only be ordered by the Service User. The ordering Customer(s) must obtain and provide a copy of a signed Letter(s) of Authorization (LOA) to the Company when placing an order for shared Billing Arrangement. The LOA must be signed by both the Host Customer and the Service User and include the applicable Connecting Facility Assignments and Billing Accounts Number of the Customers involved.

Each Customer will be billed the applicable tariff rates and charges as set forth in 13.6, following for its individual service(s). Except for ThruPath Service connections, the rates and charges for Central Office Multiplexing will be the responsibility of the Host Customer. For ThruPath Service connections, both the Host Customer and the Service User will be responsible for the rates and charges associated with their own Central Office Multiplexing.

Each Customer shall be responsible for reporting service outages for its portion of the multiplexed service. Out of service adjustments will be handled in accordance with Credit Allowance for Service Interruptions as set forth in Section 2.14, preceding. The Maintenance of Service charge applies to the customer whose service is reported in trouble.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**C. Optional Features and Functions (Cont'd.)**

**6. Shared Billing Arrangement (Cont'd.)**

Under a Shared Billing Arrangement, the Company may share with the Host Customer record information pertaining to the multiplexed service(s) of the Service User(s). For ThruPath Service connections, the Company may also share with the Service User record information pertaining to the multiplexed service(s) of the Host Customer(s). Such Disclosure will be at the sole discretion of the telephone company as necessary to perform billing reconciliations or other functions required in connection with maintaining separate records.

A Customer may request a Shared Billing Arrangement for an existing multiplexed High Capacity Service with an existing Service Discount Plan or a Commitment Discount Plan.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**C. Optional Features and Functions (Cont'd.)**

**7. Enhanced Access Diversity (EAD)**

EAD provides three levels of diversity on the transmission facilities for two or more 1.544 Mbps or 44.736 Mbps Services provided over not more than two different physical routes. The Customers with EAD will be advised on a quarterly basis of the design of each service with EAD. This offering utilizes existing physical facilities. Should the facilities not be available, the service may be subject to special construction. The levels of EAD are described following.

**a. Supreme**

This optional feature is only available for services with the ASWC feature and guarantees diversity of the interoffice facilities and central offices between the first manhole located outside the alternate serving wire center.

When a customer orders the Supreme EAD Optional Feature, the Supreme Rate as set forth in Section 13.6, following applies in addition to the Channel Termination, Channel Mileage, and ASWC rates and charges for each applicable High Capacity Service.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7. Enhanced Access Diversity (EAD) (Cont'd.)

b. Deluxe

This optional feature for 1.544 Mbps and 44.736 Mbps Services provides for the diverse routing of the Channel Termination and the Channel Mileage facilities for two or more services provided over not more than two different physical routes. This offering utilizes existing physically diverse facilities for two or more services provided over not more than two different physical routes. This offering utilizes existing physically diverse facilities between the first manholes located outside the wire centers or from the point of termination to the first manhole outside customer premises. Should facilities not be available, the service may be subject to special construction.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7. Enhanced Access Diversity (EAD) (Cont'd.)

c. Basic

This optional feature for 1.544 Mbps and 44.736 Mbps Services provides for the diverse routing of the Channel Termination and the Channel Mileage facilities for two or more services provided over not more than two different physical routes. This offering utilizes existing physically diverse facilities for two or more services provided over not more than two different physical routes. This offering utilizes existing physically diverse facilities between the first manholes located outside the wire centers.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.2 Service Descriptions (Cont'd.)**

**7.2.3 High Capacity Service (Cont'd.)**

**D. Minimum Service Period**

The minimum service period for DS1/ 1.544 Mbps High Capacity Service is three (3) months. When service is disconnected prior to the expiration of the minimum service period, charges are applicable for the balance of the three (3) month minimum period.

The minimum service period for DS3, DS3C, and DS3G High Capacity Service is twelve (12) months. When service is disconnected prior to the expiration of the minimum service period, charges are applicable for the balance of the twelve (12) month minimum period.

**E. Application of Rates and Charges**

Rate regulations are located in Section 7.4, preceding.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.3 Channel Interfaces**

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity.

CI s	Bit Rate
CS-15*	1.544 Mbps (DS1)
DU-1KN#, 1SN#, BN#, or KN#	1.544 Mbps (DS1)
DS-1S, 1K#, 1KN#, or BN#	1.544 Mbps (DS1)
DS-15*	1.544 Mbps (DS1)
DS-31	3.152 Mbps (DS1C)
DS-44, 44C# or 44G#	44.736 Mbps (DS3)
FC-13	135 Mbps
FC-40 or 45#	405 Mbps
FC-54	560 Mbps
SO-A, C, E or F, **	155.520 Mbps - Optical (SONET)
SO-A, B, C, D, E or F, **	622.080 Mbps and 2.488 Gbps - Optical SONET
ST-A	51.840 Mbps (STS-1)

\* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

\*\* B or U

# Available only on service which originates in the North New Jersey LATA of New York - New Jersey Corridor

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations**

**7.4.1 Types of Rates and Charges**

There are two types of rates and charges. These are monthly and nonrecurring. The rates and charges are described as follows:

**A. Monthly Rates**

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service or a Frame Relay Service is provided. For billing purposes each month is considered to have 30 days. When a rate is shown as a 12 month, 24 month, 36 month the rate applies each month or fraction thereof, that the Special Access Service or the Frame Relay Service rate applies each month or fraction thereof that the service is provided. However, early termination charges apply as set forth in Section 7.4.8, following, if the service is disconnected prior to the completion of the Selected Commitment Period for the service. Section 7.4.8 following contains the regulations which are specific to the application of the Selected Commitment Period's rates.

When a customer's designated premises is served by a serving wire center located in a state other than the customer's designated premise is located, the Monthly rates for Special Access Services for such customer shall be the Special Access Service rates then in effect for the serving wire center from which the customer is served.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges**

**1. Installation of Service**

Nonrecurring Charges are one-time rates that apply for specific work activity (i.e., installation or change to an existing service). These types of nonrecurring charges that apply for Special Access Services and Frame Relay Service are: installation of service, installation of Optional Features and Functions, and service rearrangements.

Nonrecurring charges apply to each Special Access Service and Frame Relay Service installed. Orders for the installation of Digital Data Service II and 1.544 Mbps High Capacity Service will be subject to a first and additional nonrecurring charge rate structure. A First Nonrecurring charge will apply, per channel termination for the initial service ordered. An additional Nonrecurring charge will apply, per channel termination, for each additional service which is ordered at the same time on the same Access Order, for the same due date and between the same premises, provided the service and the operating characteristics (e.g. bridging) are identical to the initial service ordered.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges (Cont'd.)**

**1. Installation of Service (Cont'd.)**

In states where Bell Atlantic has added Expanded Interconnection, nonrecurring charges for the Standard Channel Termination and the Mid-Link Charge for 1.544 Mbps and 44.736 Mbps (electrical) Special Access Services are arranged in Pricing Zones. The Pricing Zone for each serving wire center in the states where Expanded Interconnection has become operational is specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

When a customer's designated premises is served by a serving wire center located in a state other than the customer's designated premise is located, the Nonrecurring Charges for Special Access Services for such customer shall be the Special Access Service Nonrecurring rates then in effect for the serving wire center from which the customer is served.

In addition, a Non-Standard Premises Connection Charge will apply, per customer, per Non-Standard Premises for the first Company provided Digital Data Service II, 1.544 Mbps High Capacity Service and 44.746 Mbps Service at the Non-Standard Premises except when the these Special Access Service are provided to Special Construction.

The Non-Standard Premises Connection Charge set fourth in Section 13.6 following, applies in addition to the nonrecurring charges for the associated Channel Termination rate elements. The Non-Standard Premises Connection Charge covers the termination of the transmission facility from the serving wire center of the customer designated premises to the Non-Standard Premises and installation of a demarcation point.

When the customer requests for service at an Non-Standard Premises require the installation of more that 3,000 feet of cable between the serving wire center of the Customer designated premises and the Non-Standard Premises and /or more than \$1,000 in contracting services (e.g., trenching, rodding boring, placing conduit, manholes and poles obtaining permits, etc.), such installation will be subject to Special Construction.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges (Cont'd.)**

**2. Nonrecurring Charges for Optional Features and Functions**

Nonrecurring Charges apply for the installation of some of the Optional Features and Functions with Special Access Service. Except for 1.544 Mbps Clear Channel Capability, the charge applies whether the feature or function is installed coincident with the initial installation of the service or at any time subsequent to the installation of the service.

In states where Bell Atlantic has added Expanded Interconnection, nonrecurring charges for the Standard Channel Termination and the Mid-Link Charge for 1.544 Mbps and 44.736 Mbps (electrical) Special Access Services are arranged in Pricing Zones. The Pricing Zone for each serving wire center in the states where Expanded Interconnection has become operational is specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

Where a customer's designated premises is served by a serving wire center is located in a state other than the state in which the customer's designated premises is located, the nonrecurring charges for Special Access Service Optional Features and Functions for such customer shall be the Special Access Service nonrecurring charges then in effect for the serving wire center from which the customer is served.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges (Cont'd.)**

**3. Service Rearrangements**

Service rearrangement are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer designated premises. Changes which result in a change in the minimum period requirements (i.e., a change from one type of Special Access Service to another) are treated as discontinuances of existing service and installations of new service. Changes in the physical location of the point of termination at a customer designated premises are treated as moves and are described and charged for as set forth in Section 7.4.4, following. The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change in service. Administrative changes, as follows, will be made without charge(s) to the customer:

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

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges (Cont'd.)**

**3. Service Rearrangements (Cont'd.)**

All other service arrangement will be charged as follows:

- If the charges involves the addition of, or rearrangement to, one or more channel terminations to an existing multipoint service, the appropriate nonrecurring charge(s) will apply as set forth in (1) preceding. The charge(s) will apply only for the channel termination(s) that is being added or rearranged.
  - If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
  - If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply on a first and additional basis. The charge will apply per channel termination affected.
  - If the change involves the rearrangement of an existing Voice Grade Service or an multiplexed Voice Grade Service (e.g., Voice Grade Multiplexed to Telegraph Grade Service) to a High Capacity Service, a Voice Grade to DS1 Rearrangement Charge will apply. The Voice Grade to DS1 rearrangement Charge as set forth in Section 13.6 following, will apply to each Voice Grade Service rearrangement.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.1 Types of Rates and Charges (Cont'd.)**

**B. Nonrecurring Charges (Cont'd.)**

**3. Service Rearrangements (Cont'd.)**

- If the change involves the rearrangement of existing Voice Grade Service derived from High Capacity Service to a different High Capacity Service, a Voice Grade to DS1 Rearrangement charge will apply. The charge applies only when both High Capacity Services involved are between the same customer premises and the Telephone Company Hub where the multiplexing function is performed. The Voice Grade to DS1 Rearrangement Charge, as set forth in Section 13.6 following, will apply to each Voice Grade service rearranged.
  - If the change involves the rearrangement of existing Digital Data Service II Special Access Service to High Capacity Service, a DDSII to DS1 Rearrangement Charge will apply. The DDSII to DS1 rearrangement charge as set forth in Section 13.6 following, will apply to each DDSII rearranged.
  - If the change involves the rearrangement of an existing DDSII Special Access Service derived from High Capacity Service to a different High Capacity Service, a DDSII to DS1 Rearrangement Charge will apply. The charge applies only when both High Capacity Services involved are between the same customer premise and the same Telephone Company Hub where the multiplexing function is performed. The DDSII to DS1 Rearrangement Charge, as set forth in Section 13.6 following, will apply to each DDSII rearranged.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.1 Types of Rates and Charges (Cont'd.)

B. Nonrecurring Charges (Cont'd.)

3. Service Rearrangements (Cont'd.)

- If the change involves the rearrangement of an existing High Capacity Service or an existing Multiplexed High Capacity Service into a greater bit rate High Capacity Service or into an optical fiber interface arrangement, a Digital to Digital will apply as set forth in Section 13.6 following, will apply to each service reconfigured. No charge applies to the multiplexed services on the existing High Capacity Services unless the customer changes service types, in which case the appropriate nonrecurring charges for each change will apply.
  - For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one charge will apply per service, per change.
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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.1 Types of Rates and Charges (Cont'd.)

C. Early Termination Charges

Early Termination charge apply to Special Access Service which is provided under a term plan and disconnected in full or in part prior to the customer satisfying the selected term plan for the service. The early termination charge will be calculated using the methods set forth in Section 7.4.8.(C), following.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.2 Surcharge for Special Access Service**

**A. General**

In addition to the rates and charges described in 7.4.1, preceding, there is a monthly surcharge that applies to Special Access Service. The Special Access Service Surcharge compensates the Company for the use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Service with local exchange service.

The Company will automatically bill the surcharge on each Special Access service installed irrespective of whether the interconnection capability exists in the Customer's premises equipment or Centrex Type switch unless written certification is received from the customer certifying exemption status as set forth in B. following.

**B. Special Access Surcharge Exemptions**

The Special Access Service will be exempted from the surcharge if the Customer provides the Company written certification that the Special Access Service termination is one of the following:

- an open end termination in a Company switch of an FX line, including a CCSA and CCSA-equivalents ONALS; or
  - a termination that by the nature of its operating characteristics could not make use of Company common lines; or
  - a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Services assesses only FGA or CSL BSA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine) trunks.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.2 Surcharge for Special Access Service (Cont'd.)**

**B. Special Access Surcharge Exemptions (Cont'd.)**

- a termination that the customer certifies to the Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.
  - a termination that the customer certifies to the Company is not connected to a PBX or other device which, through either hardware or software restrictions, is not capable of interconnecting the special access facility to a local exchange subscriber line.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.2 Surcharge for Special Access Service (Cont'd.)**

**C. Exemption Certificate**

1. Special Access Services which are terminated as set forth in (B) preceding will be exempted from the Special Access Surcharge if the Customer provides the Company written notification certifying exemption. Such notification shall be provided by the customer (1) at the time as the Special Access Service is ordered or installed; (2) at such time as the Special Access Service is re-terminated to a device not capable of interconnecting to the local exchange network ; or (3) at such time as the Special Access Service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.
2. If written Certification is not received at the time the Special Access Service is obtained, the surcharge will be applied. Exempt Status will become effective on the certification date indicated by the customer, subject to the regulations in (D) following.
3. The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in (B) preceding, for each termination, and the date which the exemption is effective.
4. The Customer shall also notify the Company when an exempted Special Access Service is changed or re-terminated such that the exemption is no applicable.

**D. Crediting the Surcharge**

The Company will cease billing the Special Access Surcharge when certification that the Special Access Service has become exempt from the surcharge, as set forth in (B) preceding is received. If the status of the Special Access Service was changed prior to the receipt for the exemption certification, the Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.2 Surcharge for Special Access Service (Cont'd.)**

**E. Application of Rates**

1. The monthly access Surcharge applies to Special Access Services Arranged, as set forth in (A) preceding, on a per voice equivalent basis as shown in the following example.

Special Access Service	Voice Grade Equivalent		Surcharge	Monthly Charge
Voice Grade	1	x	\$25.00	\$ 25.00
DS1	24	x	\$25.00	\$ 300.00
DS3	672	x	\$25.00	\$16,800.00

2. In the case of multipoint Special Access Service, one Special Access Surcharge will apply for each termination at the designated premises except that no surcharge applies at the customer designated premises at which the Special Access Services is connected to the Customer's interstate facilities.

For example, a multipoint Special Access Service connects three designated premises A, B, and C. Customer designated premises A is where the Special Access Service is connected to the customer's interstate facilities and no Special Access Surcharge will apply to that termination. However, the Special Access Surcharge will apply, per termination, to Customer designated premises B and C.

3. The Company will bill the surcharge to the customer who orders the Special Access Service unless the Service is exempt as set forth in (B) preceding.
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.3 Minimum Periods**

The minimum for all Special Access Service and Frame Relay Service is three (3) months, unless otherwise specified within this tariff. The minimum period for optional features and functions is the same minimum period as the associated Special Access Service, unless otherwise specified within this tariff.

**7.4.4 Moves**

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

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

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

**A. Moves Within The Same Building**

When the move is to a new location within the same building, the charge for the move will be the amount equal to one half of the applicable Channel Termination nonrecurring charge for the service affected as set forth in Section 7.4.1(B), preceding. There will be no change in the minimum period or Service Discount Plan requirements.

**B. Moves to a Different Building**

Moves to a different building will be treated as a discontinuance and a start of a new service and all associated nonrecurring charges will apply. New minimum period and / or Service Discount Plan requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum periods and / or termination liability charges for the discontinued service except as specified in 7.4.8, following.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.5 Mileage Measurement**

The mileage to be used to determine the monthly rate for Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with the two customer designated premises; a serving wire center associated with the customer designated premises and a Network Controller location or a telephone company hub; a serving wire center associated with a customer designated premises and an Expanded Interconnection multiplexing location; an Expanded Interconnection multiplexing an a telephone company hub where multiplexing or Frame Relay Service functions are performed; a serving wire center associated with a customer designated premises and a WATS Serving Office. or two Company Hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage Rates are shown in Section 13.6 following, in terms of mileage bands. Except as specified otherwise, there are two rates that apply per band, i.e., a fixed mileage rate and a per mile mileage rate. To determine the rate to be billed, first compute the mileage using the V&H coordinated method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the Calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying rates. When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and / or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging, multiplexing, or Vertical Service (i.e., FRS) rates will be applied only the distance calculated between the serving wire centers associate with the customer designated premises.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.6 Facility Hubs**

The customer has the option of ordering voice grade facilities or digital high capacity facilities (i.e., DS1, DS1C or DS3) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph Grade, Voice Grade, Program Audio, etc...).

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. Wire Centers that provide multiplexing of High Capacity Services have been designated as Intermediate Hubs, Super intermediate Hubs or Terminus Hubs. When ordering, the customer will specify the desired multiplexing Hub(s) or grooming hub(s) as applicable, selected from the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4. This tariff identifies the types of multiplexing or grooming functions which are available, the serving wire centers that subtend High Capacity DS3 to DS1 and DS1 to Voice multiplexing Hubs.

Some of the types of multiplexing or grooming available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channel

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate.

The Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may only be ordered and / or installed subsequent to the installation of the facility to the Hub. The customer will be billed for a Voice Grade, High Capacity Digital Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination, and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.6 Facility Hubs (Cont'd.)**

Cascading multiplexing or grooming occurs when a High Capacity digital channel is de-multiplexed to provide channels with a lesser capacity and one of lesser capacity channels is further de-multiplexed or groomed. For example, a DS1 facility is De-multiplexed to twenty four Voice Grade Channels and then one of the Voice Grade Channels is further de-multiplexed to individual Telegraph Grade Service.

When the cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading or multiplexing is performed at different Hubbing locations, Channel Mileage rates and Mid-Link nonrecurring charges also apply between the Hubs. A ThruPath Service connection occurs when a channel which has been derived from one multiplexed or groomed facility is interconnected with a channel which has derived from a different multiplexed or groomed facility of the same bit rate. The two derived channels are interconnected to create a single channel of lesser capacity between the two multiplexed or groomed facilities as follows.

- Digital Data Service II between two multiplexed 1.544 Mbps High Capacity Services.
- 1.544 Mbps High Capacity Services between two 44.736 Mbps High Capacity Services
- 44.746 Mbps High Capacity Service between two Optical Line Multiplexers associated with two 44.736 Mbps High Capacity Services, each of which are provided with the optical fiber interface option.

For example, two separate DS3 facilities are each de-multiplexed or groomed down to twenty eight DS1 channels and a DS1 Channel from one multiplexed or groomed DS3 facility is interconnected with a DS1 channel from the other DS3 multiplexed or groomed facility to create a single DS1 channel between the two multiplexed facilities.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.6 Facility Hubs (Cont'd.)**

In addition to the channel mileage rates for the lesser capacity channel arranged between the two Hubs a Nonrecurring charge (ThruPath Connection Charge) applies. The ThruPath Connection Charge applies whether the Hubs are located in the same or different wire centers. Except for the following Hub locations, High Capacity ThruPath Service Connections are available at or between all Intermediate or Super-Intermediate Hubs

- |   |                    |   |                      |
|---|--------------------|---|----------------------|
| - | Essex Junction, VT | - | Mansfield, MA        |
| - | Maynard, MA        | - | Natick, MA           |
| - | New Bedford, MA    | - | North Chelmsford, MA |
| - | Rehoboth, MA       |   |                      |

At the request of the a customer, a compatible full-time and /or part-time services provided to a Hub may be connected together in the following configurations.: full-time to full-time, full-time to part-time or part-time to part-time. The customer will be charges for each such connection made at the rates for Other Labor as set fourth in Bell Atlantic F.C.C. Tariff No. 11, Section 31.13. The rates that apply for then service between the customer designated premises and the Hub are a Channel Termination and Channel Mileage, if applicable, and any associated optional features and functions.

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.7 Service Specific Rate Regulations**

Standard Rates and Charges apply to 44.736 Mbps Service, and 44.736 Mbps Service provided with an optical fiber interface option (i.e., 135 Mbps capacity, 405 Mbps capacity and 506 Mbps capacity) as set forth in Section 13.6, following, of this tariff.

**A. Channel Termination Monthly Rates**

A Channel Termination rate structure for 44.736 Mbps service (electrical and optical fiber interface option) differs based upon whether or not the channel termination is at a primary or secondary premises. A primary premises is a customer designated premises where a 44.736 Mbps service is either originated or terminated. Only one end of the channel can be a primary premises. A secondary Premises is any customer designated premises other than the primary premises.

If one end of a 44.736 Mbps Service Channel is either connected to or derived from a higher speed facility (e.g., 560 Mbps capacity 44.736 Mbps High Capacity with Optical Fiber Interface Option), the customer location with the 44.736 Mbps standard channel termination is classified as a Secondary Premises. If one end of a 44.736 Mbps Service is connected to a multiplexing node or virtual collocation arrangement, the location with the standard channel termination is classified as the Secondary Premises. When a 44.736 Mbps Service channel is provided with the Alternate Serving Wire optional feature, the alternately routed channel termination is considered to be either a primary or secondary premises, depending on the classification of the customer designated premises of the associated 44.736 Mbps Service Channel termination.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.7 Service Specific Rate Regulations (Cont'd.)**

**A. Channel Termination Monthly Rates (Cont'd.)**

Monthly rates for 44.736 Mbps High Capacity Service channel terminations at a primary premises apply on a tapered schedule as set forth in Section 13.6, following. The rate to be billed for each channel termination is based on a count of total eligible Special Access channel terminations that are in service and in billing at the end of the bill period whether provided on a month to month basis, under one or more discount plans or a combination of both.

The following Special Access channel termination rate elements are eligible for inclusion in the Company's monthly count:

- 44.736 Mbps High Capacity Special Access Service standard channel terminations (electrical) at a primary premises as described herein;
- 44.736 Mbps High Capacity Special Access Standard channel terminations (optical) at a primary premises;
- DS3 Switched Access Entrance Facilities standard terminations (electrical) in Massachusetts and New York;
- DS3 Switched Access Entrance Facilities Standard Channel terminations (optical) in Massachusetts and New York.

Once a month, the Company will count all eligible 44.736 High Capacity Special Access Service that are in service at a customer's primary premises. The Company will then count all eligible DS3 Switched Access Entrance Facility channel terminations that are in service at that location. The results are added to obtain the total count for a particular customer designated premises and determine the applicable rate band. This step is repeated for each customer designated premises.

When a facility carries both Special Access and Switched Access service under a shared use arrangement, each channel termination will be counted as either Special Access or Switched Access only, depending on what type of facility originally ordered, but the total number of such circuits will be counted in determining the rate band charged.

The Company will conduct a count in the first day of each month to use for the next month's billing.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.7 Service Specific Rate Regulations (Cont'd.)**

**A. Channel Termination Monthly Rates (Cont'd.)**

The rate band determined by the last count taken shall be used to calculate all charges incurred by and credits due to the customer for 44.736 Mbps High Capacity Special Access Service channel terminations established or discontinued during the preceding billing period. The count will not be adjusted for any reason for service order activity occurring after the count is made, including services that were installed prior to the count but were not in billing when the count was taken.

A secondary premises channel termination monthly rate applies to channel terminations at secondary locations.

**B. Channel Mileage Measurement**

Channel Mileage Measurement for 44.736 Mbps Service and 44.736 Mbps Service with an optical interface option is specified in 13.6 following.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP)**

**A. General**

Customers subscribing to Resold Digital Data Service II, High Capacity 1.544 Mbps Service, High Capacity 44.736 Mbps Service or Resold Frame Relay Service have the option of requesting, at any time, a Variable Term Payment Plan (VTPP), for some or all services of the same type and, in some cases the same speed.

When requesting a VTPP a customer must specify which services are to be included in the VTPP. When requesting any activity set forth in Section 7.4.8(C)2 through 7.4.8(C)6 a customer must specify by circuit identification which services are to be affected.

**B. Description**

A Variable Term Payment Plan applies to Special Access Standard Channel Terminations, Channel Milage, Frame Relay Service Port Connection and Frame Relay Service Corridor Logical Channel monthly rates.

For all services, the monthly rates for such services are reduced by a fixed percentage.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP)**

**B. Description (Cont'd.)**

The amount of the discount percentage differs based on the length of the commitment period selected by the customer and the type of service. The customer must specify the number of months selected as the commitment period for the Variable Term Payment Plan. Variable Term Payment Plans are offered in 12, 24 and 36 months or 12 and 24 months depending on type of service and jurisdiction the service is located.

The discount percentage is applied to the currently effective monthly or base rates. Rates may change during the commitment period, thereby causing an increase or decrease in the rates applicable to the customer.

In the event that CTC initiates rate increases beginning the first day in July in the current year and ending the first day of July the following year (the Tariff Annual SDP Period) and the total discounted monthly rate for Special Access Service increases more than eight (8) percent during the annual period, the customer may cancel without termination liability as set forth in Section 7.4.8(C), following. The customer must exercise its option to cancel the service discount plan for the affected service within ninety (90) days of the date of the effective rate increase.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)**

**B. Description (Cont'd.)**

The discount percentage will not be subject to Company initiated decreases during that period. However, if the company initiates an increase in the discount percentage during that period, the increased discount will be used to determine the rates applicable to the customer

Variable Term Payment Plan discount percentages as set forth in Section 7.4.8 (B) 1 through 7.4.8 (B) 4, and Rates and Charges as set forth in Sections 13.6.2, 13.6.3 and 13.7.1, are no longer available for new installations. Existing services receiving term discounts as set forth in the sections outlined above will receive the same discount percentage for the remainder of their existing contract. Additions to existing services will be provided at the new discounted term rates as set forth. Recontracting existing services will be treated as a new service

1. Variable Term Payment Plan Periods and Discount Percentages Applicable to Monthly Rates in New England Telephone (“NET”) Company's Service Territory.in Section 16.

		12 Month	24 Month	36 Month
a.	Digital Data Service II -			
	- Channel Termination	5.0 %	10.0 %	10.0 %
	- Channel Mileage		5.0 %	10.0 %
			10.0 %	10.0 %
b.	High Capacity 1.544 Mbps Service			
	- Channel Termination - All Zones	7.5 %	15.0 %	20.0 %
	- Channel Mileage - All Zones (Fixed and Per Mile)	7.5 %	15.0 %	20.0 %
	- Multiplexing - Optional Feature	7.5 %	15.0 %	20.0 %

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

1. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in New England Telephone (“NET”) Company's Service Territory (Cont'd.)

	12 Month	24 Month	36 Month
c. High Capacity 44.736 Mbps Service-			
- Channel Termination - All Zones, All Rate Bands	7.5 %	15.0 %	20.0 %
- Channel Mileage - All Zones, All Rate Bands (Fixed and Per Mile)	7.5 %	15.0 %	20.0 %
d. Frame Relay Service			
- 56 / 128 / 256 / 384 / 512 / 768 Kbps Port Connection	5.0 %	10.0 %	10.0 %
- 1.544 Mbps Port Connection All Zones,	5.0 %	10.0 %	10.0%
- 44.736 Mbps Port Connection	5.0 %	10.0 %	10.0%

All Zones, All Rate Bands

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

2. Variable Term Payment Plan Periods and Discount Percentages Applicable to Monthly Rates in New York Telephone (“NYT”) Company's Service Territory.

		12 Month	24 Month	36 Month
a.	Digital Data Service II -			
	- Channel Termination	5.0 %	10.0 %	10.0 %
	- Channel Mileage	5.0 %	10.0 %	10.0 %
b.	High Capacity 1.544 Mbps Service			
	- Channel Termination - All Rate Bands, All Zones	7.5%	15.0 %	20.0 %
	- Channel Mileage - All Zones (Fixed and Per Mile)	7.5%	15.0 %	20.0 %
	- Multiplexing - Optional Feature	7.5%	15.0 %	20.0 %

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

2. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in New York Telephone (“NYT”)  
Company's Service Territory (Cont'd.)

	12 Month	24 Month	36 Month
c. High Capacity 44.736 Mbps Service-			
- Channel Termination	7.5 %	15.0 %	20.0 %
All Zones, All Rate Bands			
- Channel Mileage - 7.5 %	15.0 %	20.0 %	
All Zones, All Rate Bands			
(Fixed and Per Mile)			
d. Frame Relay Service			
- 56 / 128 / 256 / 384 / 512 / 768 Kbps Port Connection	5.0%	10.0 %	10.0 %
- 1.544 Mbps Port Connection	5.0 %	10.0 %	10.0 %
All Zones,			
- 44.736 Mbps Port Connection	5.0 %	10.0 %	10.0 %
All Zones, All Rate Band			

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

3. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in Southern New England Telephone  
(SNET) Company's Service Territory

		12	24
		Month	Month
a.	Digital Data Service in SNET Territory		
	- Channel Termination		
	56 Kbps Service 2.5%	2.5 %	
	64 Kbps Service	2.5%	7.5 %
	- Channel Mileage - Fixed Mileage		
	56 Kbps Service	7.5%	10.0 %
	64 Kbps Service	7.5%	10.0 %
	- Channel Mileage - per mile		
	56 Kbps	2.5 %	2.5 %
	64 Kbps	2.5 %	2.5 %
b.	High Capacity 1.544 Mbps Service in NYT		
	- Channel Termination	7.5 %	10.0 %
	- Channel Mileage	7.5 %	10.0 %

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

3. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in Southern New England Telephone  
(SNET) Company's Service Territory (Cont'd.)

	12 Month	24 Month
c. High Capacity 44.736 Mbps Service		
- Channel Termination	10.0 %	20.0 %
- Channel Mileage	10.0 %	20.0 %
d. Frame Relay Service in NYT		
UNI Port Connection		
56 Kbps	18.0 %	20.0 %
128 Kbps	13.0 %	15.0 %
256 Kbps	9.5 %	11.5 %
384 Kbps	8.0 %	9.0 %
1.544 Mbps	15.0 %	17.0 %
NNI Port Connection		
1.544 Mbps	15.0 %	20.0 %
44.736 Mbps	0.0 %	0.0 %

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

4. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in Bell Atlantic Company South's Service  
Territory.

a. Digital Data Service II

	12 Month	24 Month
- Channel Termination		
2.4 Kbps	21.8 %	28.9 %
4.8 Kbps	19.1 %	25.4 %
9.6 Kbps	17.1 %	28.1 %
19.2 Kbps	13.3 %	30.3 %
56.0 Kbps	17.0 %	34.4 %
64.0 Kbps	12.9 %	29.5 %
- Channel Mileage - Fixed		
2.4 Kbps	10.4 %	20.4 %
4.8 Kbps	8.8 %	10.1 %
9.6 Kbps	7.6 %	28.9 %
19.2 Kbps	6.7 %	25.4 %
56.0 Kbps	6.0 %	22.6 %
64.0 Kbps	5.5 %	10.6 %
- Channel Mileage - Per Mile		
2.4 Kbps	7.5 %	10.7 %
4.8 Kbps	6.5 %	10.1 %
9.6 Kbps	6.7 %	9.4 %
19.2 Kbps	5.8 %	8.9 %
56.0 Kbps	4.6 %	11.4 %
64.0 Kbps	4.5 %	10.6 %

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

4. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in Bell Atlantic Company South's Service  
Territory, (Cont'd.).

	12 Month	24 Month	36 Month
b. High Capacity 1.544 Mbps Service			
- Channel Termination			
Pricing Zone 1	8.5 %	15.6 %	15.6 %
Pricing Zone 2	20.4 %	26.5 %	26.5 %
Pricing Zone 3	25.0 %	30.8 %	30.8 %
- Channel Mileage			
Fixed (All Zones)	10.0%	17.5%	17.5 %
- Channel Mileage			
Per Mile (All Zones)	25.0%	40.0%	40.0%
c. High Capacity 44.736 Mbps Service			
- Channel Termination	10.0%	15.0 %	20.0 %
- Channel Mileage - Fixed (All Zones)	5.0 %	5.0 %	5.0 %
- Channel Mileage - per mile (All Zones)	20.0 %	25.0 %	30.0 %
- DS3 to DS1 Multiplexing			
Pricing Zone 1	32.9%	--	--
Pricing Zone 2	34.5%	--	--
Pricing Zone 3	36.1%	--	--

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

B. Description (Cont'd.)

4. Variable Term Payment Plan Periods and Discount Percentages  
Applicable to Monthly Rates in Bell Atlantic Company South's Service  
Territory. (Cont'd.)

		12 Month	24 Month
d.	Frame Relay Service		
	UNI Access Connection		
	56 Kbps	8.6 %	8.6 %
	64 Kbps	8.6 %	8.6 %
	384 Kbps	8.4 %	8.4 %
	1.536 Mbps	2.1 %	2.1 %
	CIS-UNI Port Connection		
	56 Kbps	0.0 %	0.0 %
	64 Kbps	0.0 %	0.0 %
	384 Kbps	0.0 %	0.0 %
	1.536 Mbps	0.0 %	0.0 %
	NNI Port Connections		
	56 Kbps	0.0 %	0.0 %
	64 Kbps	0.0 %	0.0 %
	384 Kbps	0.0 %	0.0 %
	1.536 Mbps	0.0 %	0.0 %
	45 Mbps	0.0 %	0.0 %

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)**

**C. Termination Liability**

**1. General**

A Termination Liability applies during the selected committed period within the Variable Term Payment Plan. Except as set forth in Section 7.4.8.C.2 through 7.4.8 C.6, following, if service is disconnected in full or in part prior to the end of the selected committed period, the customer is liable for a termination charge. In addition, except as provided in (d) and e. following, when a customer cancels a Variable Term Payment Plan prior to the end of the selected commitment period, the customer is liable for termination liability charge.

The Termination Liability charge applies to each service, Optional Feature or Function, Network Access Port, Frame Relay Service Corridor Logic Channel and / or Frame Relay Service Port Connection disconnected or, in the case of cancellation of a Variable Term Payment Plan, to each service Optional Feature or Function, Network Access Port, Frame Relay Service Corridor Logic Channel and / or Frame Relay Service Port Connection which had been included in the cancelled service discount plan.

When the jurisdiction of a Special Access Service (Line) and Network Access Port furnished under a Variable Term Payment Plan is changed to intrastate, no termination liability charge applies provided the service is furnished under a

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a. Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York)

Termination Liability charge is calculated as set forth in a. and b. following. The Company will apply the lowest termination liability charge to the customer.

1. High Capacity 44.736 Mbps, 1.544 Mbps and DDS II Service

i. Option 1

For disconnects on or prior to the end of the minimum service period and prior to the end of the selected commitment period, the termination liability charge is one hundred (100) percent of the applicable monthly rates for the remaining minimum service period and Fifty (50) percent of the applicable monthly rates for each month or fraction thereof remaining between the end of the minimum period and the end of the selected commitment period.

For disconnects after the end of the minimum period but prior to the end of the selected commitment period, the termination liability charge is fifty (50) percent of the applicable monthly rates for each month or fraction thereof in the balance of the selected committed period.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a. Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York)

1. High Capacity 44.736 Mbps, 1.544 Mbps and DDS II Service (Cont'd.)

ii Option 2

For disconnects on or prior to the end of the minimum service period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect.

For disconnects after the minimum service period but prior to the end of the selected commitment period and for cancellations of the end of the selected commitment period the following applies.

Where there is no Variable Term Payment Plan commitment period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted rates for the period the service has been in effect.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a. Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York)

1. High Capacity 44.736 Mbps, 1.544 Mbps and DDS II Service (Cont'd.)

ii) Option 2 (Cont'd.)

Where there is a Variable Term Payment Plan commitment period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rates for the highest Variable Term Payment Plan that could have been satisfied and prior to the disconnection of the service or cancellation of the plan and the monthly rates for the selected commitment plan period multiplied by the actual number of months the service has been in effect.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a. Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York)

2. Frame Relay Service

TPPs are subject to early termination liability. In the event that service is disconnected in full or in part after the minimum period but prior to completion of the current term period, the customer shall be liable for an early termination charge except as noted following.

For customers who enter into TPPs on or after March 12, 2003, the amount of the early termination charge will be 25% of the monthly recurring charge (s) (MRC) for the remainder of the term. For example:

$25\% \times \text{MRC} \times \# \text{ of Port Only/Port with Access Line Connections} \times \text{Remainder of Term} = \text{Termination Charge.}$

For customers who enter into TPPs prior to March 12, 2003, the amount of the early termination charge will be the lesser of:

When there is no TPP less than the actual time the term plan has been in effect, termination liability will be the difference between the month-to-month monthly rate and the monthly rate for the selected term plan times the number of months or fraction thereof that the service was in effect.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a) Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York) (Cont'd.)

2. Frame Relay Service (Cont'd.)

When there is a TPP less than the actual time the term plan has been in effect, the termination liability charge will be the difference between the discounted monthly rates resulting from the highest term plan commitment period that could be satisfied prior to the disconnection and the discounted monthly rates resulting from the term plan; or

25% of the monthly rate for the selected TPP times the number of months or fraction thereof remaining in the term. Early termination charges will apply only to those rate elements under a term commitment plan. If any rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge.

Early termination charges will not be assessed under the following circumstances:

Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;

Customer converts to a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

a. (Cont'd.)

Customer changes to another service or upgrades service to a higher speed or capacity under a term agreement, provided the following conditions are met:

1. The value of the new term commitment is equal to or greater than the remaining value of the current term commitment;
  2. Both the existing and new services are provided solely by the Company; and
  3. The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time.
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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- b. Southern New England Telephone Company, Connecticut (LATA #920)

Termination Liability applies during the selected commitment period. If service is disconnected in full or in part prior to the end of the selected commitment period, the customer is liable for a termination liability charge. Termination Liability applies to each service disconnected or, cancellation of an Optional Payment Plan.

Termination Liability charge is calculated as set forth in (1) through (3), following. The Company will apply the lowest termination liability charge to the customer.

1. High Capacity 44.736 Mbps Service (DS3 Service)

i Option 1

Customers requesting termination of service are liable for the minimum period service charge and the following termination liability percentages. The Termination Liability charges are applied as follows:

For termination of service prior to the end of the minimum period, the termination liability will be 100% of the monthly rates for the remaining months of the minimum period and sixty percent (60%) of the remaining months of the selected commitment period.

For termination of service subsequent to the end of the minimum period, prior to the end of the selected commitment period, the termination charge is sixty percent (60%) of the remaining months in the selected commitment period.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

b. Southern New England Telephone Company, Connecticut (LATA #920) (Cont'd.)

1. High Capacity 44.736 Mbps Service (DS3 Service) (Cont'd.)

ii. Option 2 (Cont'd.)

For termination of service prior to the end of the minimum period customers are liable for the minimum service charges and the termination charge will be the difference between the full monthly rates and the selected commitment period multiplied by the number of months the plan has been in effect.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

b. Southern New England Telephone Company, Connecticut (LATA #920) (Cont'd.)

2. High Capacity 1.544 Mbps Service (DS1), 56 and 64 Kbps Service (DDS)

i. Option 1

For termination of service prior to the end of the minimum period, the termination liability will be One Hundred Percent of 100% of the monthly charges for the remaining number of months in the minimum period charges will apply and fifty percent (50%) of the selected committed rates for the remaining number of months in selected commitment period.

ii. Option 2

For termination of service prior to the end of the minimum period customers are liable for the minimum service charges and the termination charge will be the difference between the full monthly rates and the selected commitment period multiplied by the number of months the plan has been in effect.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

c. Bell Atlantic South Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia)

1. High Capacity 44.736 Mbps, High Capacity 1,536 Mbps and Digital Data Service

For service discontinued prior to completion of the minimum service period the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

High Capacity 44.736 term pricing plans are provided in conjunction with an Early Termination Provision (ETP) agreement. ETP is calculated using either of the following options that provides the customer the lowest termination liability.

i) Option 1

In addition the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

c. Bell Atlantic South Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia) (Cont'd.)

1. High Capacity 44.736 Mbps, High Capacity 1,536 Mbps and Digital Data Service (Cont'd.)

ii) In addition to the minimum period liability of 100% the following applies:

Where there is neither a basic month-to month rate nor a Variable Term Payment Plan period less than the actual time the service has been effect, Option 1 applies.

Where there is no Variable Term Payment Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between full basic Month-to-Month rate and the selected Variable Term Payment Plan monthly rate for the period the plan has been in effect after the minimum period.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)**

**C. Termination Liability (Cont'd.)**

**1. General (Cont'd.)**

**c. Bell Atlantic South Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia) (Cont'd.)**

**1. High Capacity 44.736 Mbps, High Capacity 1,536 Mbps and Digital Data Service (Cont'd.)**

**ii (Cont'd.)**

Where there is a Variable Term Payment Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest Variable Term Payment Plan period that could have been satisfied prior to the discontinuation of service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

Notice of discontinuance must be given by the customer at least three months prior to actual discontinuance. Monthly charges will apply for a period of three months from the date the Company receives discontinuance notification or until the requested discontinuance date, whichever period is longer.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- c. Bell Atlantic South Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia) (Cont'd.)

2. Frame Relay Service

TPPs are subject to early termination liability. In the event that service is disconnected in full or in part after the minimum period but prior to completion of the current term period, the customer shall be liable for an early termination charge except as noted following.

For customers who enter into TPPs on or after March 12, 2003, the amount of the early termination charge will be 25% of the monthly recurring charge (s) (MRC) for the remainder of the term. For example:

$25\% \times \text{MRC} \times \# \text{ of Port Only/Port with Access Line Connections} \times \text{Remainder of Term} = \text{Termination Charge.}$

For customers who enter into TPPs prior to March 12, 2003, the amount of the early termination charge will be the lesser of:

1. When there is no TPP less than the actual time the term plan has been in effect, termination liability will be the difference between the month-to-month monthly rate and the monthly rate for the selected term plan times the number of months or fraction thereof that the service was in effect. When there is a TPP less than the actual time the term plan has been in effect, the termination liability charge will be the difference between the discounted monthly rates resulting from the highest term plan commitment period that could be satisfied prior to the disconnection and the discounted monthly rates resulting from the term plan; or
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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

- a. Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA 132 and New York) (Cont'd.)

2. Frame Relay Service (Cont'd.)

25% of the monthly rate for the selected TPP times the number of months or fraction thereof remaining in the term.

Early termination charges will apply only to those rate elements under a term commitment plan. If any rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge.

Early termination charges will not be assessed under the following circumstances:

Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;

Customer converts to a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

1. General (Cont'd.)

a. (Cont'd.)

Customer changes to another service or upgrades service to a higher speed or capacity under a term agreement, provided the following conditions are met:

1. The value of the new term commitment is equal to or greater than the remaining value of the current term commitment;
  2. Both the existing and new services are provided solely by the Company; and
  3. The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time.
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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)**

**C. Termination Liability (Cont'd.)**

**2. Upgrades**

Termination Liability charges do not apply to the preceding requests provided that:

- The orders for disconnect of the existing services or ports and the connect of new services, ports or Frame Relay Service Access Connections are placed with the Telephone Company at the same time.
  - The new Network Access ports are provided on the same digital cross-connect system as the replaced Network Access Ports were provided.
  - The new services are provided between the same locations as the existing service were provided and,
  - The replacing Special Access Services, ports or Frame Relay Service Access Connections have a total channel capacity equal to or greater than the total channel capacity of the services or ports being disconnected or
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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

2. Upgrades (Cont'd.)

- The number of replacing channelized services provided over a Multiplexed High Capacity Facility is equal or greater than the number of services being disconnected.
  - The replacing services and / or Network Access Ports, Frame Relay Service Port Connections or Frame Relay Service Access Connections are provided under a Variable Term Payment Plan for a commitment period equal or greater than that of the service and / or port or port connection being disconnected.
  - The number or channel capacity of replacing Frame Relay Service Port Connection is equal to the number or channel capacity of Frame Relay Service Port connections being disconnected.
  - The replacing Frame Relay Service Corridor Logical Channel(s) are provided as an option of the same port connection as the Corridor Logical Channel(s) being disconnected.
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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

3. Changes

A customer may cancel a Variable Term Payment Plan for a service if the discounted portion of the monthly rate for the service increases by more than eight (8) percent during the tariff effective year due to Company initiated increases as specified in Section 7.4.8(B), preceding. No termination liability will apply to such cancellation.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

4. Moves

Except for High Capacity 1.544 Mbps Service and High Capacity 44.736 Mbps Service, when a customer requests that some or all of its services under a Variable Term Payment Plan be moved to a different building, no termination liability charge applies provided the services remain on the same billing account. When a customer requests that some or all of its High Capacity 1.544 Mbps and High Capacity 44.736 Service under a Variable Term Payment Plan be moved to a different building, no termination liability charge applies provided the service remains in the same Operating Territory.

When a customer requests that some or all of its services provided with the Corridor Service Single Company Ordering and Billing Options, be moved to a different building no termination liability charge applies provided the service remains in the New York - New Jersey Corridor.

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

5. Replacements

- a. When a customer with existing services or port(s) under a Variable Term Payment Plan wishes to replace one or more of the service(s) or port(s) included in that Variable Term Payment Plan with other new or existing services(s) or port(s) of the same speed or type as appropriate, for the balance of the selected committed period for that Variable Term Payment Plan, no termination liability charge will apply provided that:

1. The orders to accomplish the replacement are placed with the Company at the same time to be completed at the same time, or,

For DDSII, High Capacity 1.544 Mbps Service, 44.736 Mbps Service and the applicable Optional Features and Functions (except as specified in (b), following) or the associated Network Access Ports which are included in the Variable Term Payment Plan, the orders to accomplish the replacement are (1) placed within sixty (60) days of each other and (2) the replacing services or ports are provided within the same operating territory as the services or ports that are replaced in the Variable Term Payment Plan, or



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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

5. Replacements (Cont'd.)

a. (Cont'd.)

2. The number of services or ports included in the Variable Term Payment Plan remains the same. The replacing services may not be equipped with the same Optional Features and Functions, as the services the replace. In this case, the appropriate termination liability charges apply to the optional features and Functions and no longer provided.
3. When a customer with existing multiplexers under a Variable Term Payment Plan wishes to replace one or more of the multiplexers included in that Variable Term Payment Plan with other new or existing Multiplexer(s) of the same type for the balance of the commitment period for the Service Discount Plan, no termination liability charge will apply provided that:
4. The orders to accomplish the replacement are placed with the Company at the same time to be completed at the same time, or

For DS1 to Voice or DS1 to DS0, the orders to accomplish the replacement are (1) placed within sixty (60) days of each other and (2) the replacing Multiplexer is provided in the same operating territory as the multiplexer being replaced in the Variable Term Payment Plan, and

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

5. Replacements (Cont'd.)

a. (Cont'd.)

5. The number of Multiplexers included in the Variable term Discount Plan remains the same, and
  6. For multiplexers other than DS1 to Voice and DS1 to DS0, the replacing multiplexers must be located on the same company Hub as the Multiplexers being replaced.
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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.4 Rates Regulations (Cont'd.)**

**7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)**

**C. Termination Liability (Cont'd.)**

**4. Additions to Service**

- a. When a customer with an existing Variable Term Payment Plan wishes to increase the number of services, Network Access Ports for Frame Relay Service Connections it has the following options.
    - 1. Subscribe to the additional services under non-discounted rates.
    - 2. Subscribe to the additional services under a separate Service Discount Plan at the effective discount percentage, rates and charges.
    - 3. Cancel the existing Variable Term Payment Plan and include both the existing and the additional services under a new Variable Term Payment Plan for a commitment period equal to or longer than the original period. No termination charges apply to such cancellation.
  - b. A customer with an existing Variable Term Payment Plan wishing to add an optional feature or function to an existing service has the following options:
    - 1. Cancel existing Variable Term Payment Plan for the service and include both the optional feature and function and its corresponding service under a new Variable Term Payment Plan for a committed period equal to or longer than that of the cancelled plan for the corresponding service. No termination charges apply to such service.
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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

4. Additions to Service (Cont'd.)

b. (Cont'd.)

2. Subscribe to the Optional Feature or Function under the existing Variable Term Payment Plan for a committed period equal to the number of months remaining in the commitment period for the corresponding service, if such a commitment period exists for the applicable optional feature or function.

5. Extension of Commitment Period

A Customer may at any time prior to the expiration of the selected commitment period for an existing Variable Term Payment Plan, change to a Variable Term Payment Plan to a longer commitment period at the effective discount percentage. No termination liability charges will apply for any service, Network Access Ports or Frame Relay Service Port Connections extended under the longer commitment period will apply effective with the next bill day following the request for the change. The monthly rates applicable for the longer commitment period will apply effective with the next bill day following the request for the change.

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Effective: October 1, 2011

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

7.4 Rates Regulations (Cont'd.)

7.4.8 Variable Term Payment Plan (VTPP) (Cont'd.)

C. Termination Liability (Cont'd.)

6. Rate Regulations

Where the Variable Term Payment Plan is requested to be provided coincident with the connection of new service, it will be effective with the establishment of service.

Where the service to be provided on existing service, the plan will be effective on the date the telephone company receives the Access Order requesting the discount.

At the end of the selected commitment period, the customer will have the option of subscribing to any then effective Variable Term Payment Plan. If the customer does not notify the Company of its choice prior to the expiration date of the commitment period, the customer's current Variable Term Payment Plan will be renewed upon expiration of the selected period. The renewed plan will have a commitment period equal to that originally selected by the customer and the plan will be considered new.

If the customer notifies the Company of its choice within the first sixty (60) days of the date of renewal, the customer may cancel the renewed plan and subscribe to any then effective Variable Term Payment Plan or continue with the renewed plan. If, within the first sixty (60) days of the date of renewal, the customer elects to cancel the renewed plan and subscribe to the service on a month to month basis or subscribe to a then effective Variable Term Payment Plan, termination liability will not apply.

7. Base Rates

For services provided with Base Rates (without Rate Stability), the discount percentage is applied to the Base Rates specified in Section 15.7, following. Such Rates are not stable and may change during the commitment period, causing an increase or decrease in the rates applicable to the customer. In no case will the Base Rate exceed the non-discounted monthly rate for the service.

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**ACCESS SERVICE**

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**SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)**

**7.5 Rates and Charges**

Rates and charges for Special Access Service are set forth in Section 13.6 and Section 14.1 following. or installations after February 2, 2003, Rates and Charges for Special Access Service are set forth in Section 14.1, following.

For installations after December 1, 2004, Rates and Charges for Special Access Service are set forth in Section 15.1, following.

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**ACCESS SERVICE**

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**SECTION 8 – ADVANCED SERVICES**

**8.1 Frame Relay Service**

Frame Relay Service (FRS) is a medium to high speed connection-oriented packet switched data service that allows for the interconnection of Local Area Networks or other compatible customer equipment across a wide area for the purpose of interstate access. FRS allows for the transfer of variable length frames (packets). Frames are relayed by virtual connections, i.e., frames travel a fixed path through the network, although bandwidth is not dedicated to each virtual connection.

FRS utilizes Permanent Virtual Connections (PVCs). A PVC is a logical channel from one Frame Relay port to another Frame Relay port. PVCs are end-to-end, bi-directional channels that are established and dis-established via the service order process.

The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection (e.g., customer premises to LEC switch or LEC switch to interexchange carrier network). A PVC is comprised of two or more DLCIs.

This service is comprised of two Interfaces, a User Network Interface (UNI) and a Network-to-Network Interface (NNI). The UNI and NNI allow compatible Customer Premise Equipment (CPE) to originate and terminate interexchange services. All UNI and NNI access facilities must be in conformance with the American National Standards Institute (ANSI) and BellCore.

Frame Relay Service provides high speed throughput over digital facilities at speeds of 56 Kbps, 64 Kbps or 1.536 Mbps. Physical access to the Frame Relay Network is provided via a UNI Access Connection; or a Collocated Interconnection Service-UNI Port Connection or a Network-to-Network Interface (NNI) Port Connection with a digital transmission facility.

**8.1.1 User Network Interface (UNI) Connections**

The User Network Interface (UNI), is a standard interface used to connect the end-user to the Frame Relay Network. It receives the data frame from the customer's Local Area Network or other Customer Provided Equipment (CPE) devices and verifies that the DLCI is valid before relaying the frame to the destination end point.

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**ACCESS SERVICE**

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**SECTION 8 – ADVANCED SERVICES (CONT'D)**

**8.1 Frame Relay Service (Cont'd.)**

**8.1.1 User Network Interface (UNI) Connections, (Cont'd.)**

- A. The UNI Access Connection consists of a 56 Kbps, 64 Kbps, or 1.536 Mbps digital facility from the customer premise to the FRS network and the appropriate port interface connection. Additional UNI access Connections may be ordered for disaster recovery of one or more multiple UNI Access Connections.
- B. The CIS (Collocated Interconnection Service) - UNI Port Connection provides a FRS Network connection for a CIS Cross Connect Service at 56 Kbps, 64 Kbps or 1.536 Kbps.

**8.1.2 Network-to-Network Interface (NNI) Port Connection**

The Network-to-Network Interface (NNI), specifies how a Frame Relay Switch sends and receives data from a Frame Relay interexchange carrier's or other customer's network.

The NNI Port Connection provides connection of a digital transmission facility, including 56 Kbps, 64 Kbps, 1.536 Mbps and CIS Cross Connects, to the Frame Relay Network.

56 Kbps and 64 Kbps Port Connections are available only as dedicated connections to the Frame Relay Network. In addition the number of PVCs on a single 56 or 64 Kbps NNI Port Connection cannot exceed 28/32, and the sum of the individual CIR values cannot exceed 56/64 Kbps.

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 8 – ADVANCED SERVICES (CONT'D)**

8.1 Frame Relay Service (Cont'd.)

8.1.3 Optional UNI Features (Cont'd.)

A. Additional PVCs per UNI

This feature provides the assignment of additional Data Link Connection Identifiers (DLCIs). When any two DLCIs are mapped together, a PVC is created. The customer shall pay for each additional PVC after the initial one.

B. Group Address

This Feature allows a customer to send a single data unit across established PVCs to several intended recipients. The recipients are identified by an assignment of group address used as the destination from the Frame Relay data unit. The DLCI assigned now is a group address.

C. Northern Corridor Option

The Northern Corridor Option provides UNI subscribers (UNI Access Connection and CIS-UNI Port Subscribers) in New Jersey Corridor the ability to connect to locations in New York City. The option consists of a PVC at a specified CIR from Newark or Jersey City Wire Centers into New York City.

D. Committed Information Rate

Committed Information Rate (CIR) is a feature that provides the customer with mechanism for prioritizing data over a PVC basis across a given UNI. A Committed Information Rate allows a sustained throughput at a chosen rate without having any frame designated “discard eligible” under normal operating conditions. Various CIR rates are available; however 0 (zero) CIR is only available with 56 or 64 Kbps ports.

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**ACCESS SERVICE**

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**SECTION 8 – ADVANCED SERVICES (CONT'D)**

**8.1 Frame Relay Service (Cont'd.)**

**8.1.3 Optional UNI Features (Cont'd.)**

**E. Customer Network Management**

Customer Network Management (CNM), where available, provides the end-user customer with the ability to pull statistical analysis reports about their respective network as it traverses the telco data network. This capability is provided as a “read-only” capability. A customer may not manipulate any network configuration within the telco network. This feature includes the PVC required to manage the network.

**F. Customer Service Management**

Customer Service Management where available in New York Telephone Territory only, provides a customer with partitioned access to surveillance, performance and statistical information on its ports and logical channels within its Frame Relay Service. The customer on its premise must provide a network management device, that is compatible with the telephone companies network management system. Such device must be equipped with software which conforms to the Simplified Management Protocol.

**8.1.4 Maintenance Window**

Network maintenance and network upgrades for Frame Relay are performed during the hours of 11:00 p.m. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive (out of service ) condition. The amount of time that this scheduled out-of-service condition will exist is called the maintenance window.” The company will provide the customer notice prior to the maintenance window. Maintenance window activity could be scheduled for consecutive days.

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ACCESS SERVICE

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**SECTION 8 – ADVANCED SERVICES (CONT'D)**

8.2 Rates and Charges

Rates and Charges for Frame Relay Service are set forth Section 13.7, following.

For installations after December 1, 2004, Rates and Charges for Advanced Services are set forth in Section 15.2, following.

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**ACCESS SERVICE**

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**SECTION 9 – CARRIER SELECTION**

**9.1 Carrier Selection**

9.1.1 Carrier Selection is an arrangement whereby an end user may select and designate to the Company an interexchange carrier (IXC) to access, without an access code, for interstate calls. This IXC is referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select the Company as its PIC, or may select any other IXC that orders originating Feature Group D switched Access Service at the end office or tandem which services the end office serving the end user. After the end user's initial selection of a predesignated IXC, for any additional change in selection, a non-recurring charge, as set forth in Section 4.2.4 applies. Notwithstanding the foregoing, the Company reserves the right to waive the nonrecurring charge for any end user of its local services who subsequently designates the Company as its PIC.

9.1.2 New end users who are served by end offices equipped with Feature Group D Access, will be asked to presubscribe to an IXC at the time they place an order with the Company for exchange service. They may select either of the following options. There will be no additional charge for this initial selection.

- Designate an IXC as a PIC and dial 10XXX or 10XXXXX to reach other IXCs.
  - Designate that they do not want to be presubscribed to any IXC and choose to dial 10XXX or 10XXXXX for all calls placed to an IXC.
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ACCESS SERVICE

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**SECTION 9 – CARRIER SELECTION (CONT'D)**

9.1 General (Cont'd.)

9.1.3 Unauthorized PIC Change

If an IXC requests a Primary Interexchange (PIC) change on behalf of a billed party (e.g., an end user) and the billed party subsequently denies requesting the change, and the IXC is unable to substantiate the change with a letter of authorization signed by the billed party, the:

- A. The billed party will be reassigned to their previously selected IXC. No charge will apply to the billed party for this reassignment.
- B. The Unauthorized Pre-subscription Change Charge as set forth in 10.5.4 will apply to the IXC that requested the unauthorized PIC change. This charge is applied in addition to the PIC switchback charge set forth in 10.5.4, following.

9.2 Rates and Charges

The rates for Carrier Selection are located in Section 13.9, following.

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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES**

10.1 Directory Assistance

Directory Assistance is available to Customers of CTC Switched Network Service, and Travel Card Service. Directory Assistance charge applies to each call to the Directory Assistance Bureau. Up to two requests may be made on each call to Directory Assistance. The Directory Assistance charge applies to each call regardless of whether the Directory Assistance Bureau is able to furnish the requested telephone number.

10.1.1 Rates

The rates for Directory Assistance Service are located in Section 13.10, following.

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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES (CONT'D)**

10.2 Account Codes

10.2.1 Verified Account Codes

Subject to availability, the Customer may use Verified Account Codes to identify the user or groups of users on a Customer account. Verified Account Codes are defined by the Company to assure compatibility with the Company's accounting and billing systems and to avoid duplication of codes. Calls placed, on a Customer account which has subscribed to Verified Account Codes, using an account code the Company does not recognize as having been verified, will be blocked.

10.2.2 Non-Verified Account Codes

The Customer may determine its own set of Non-verified Account Codes to identify the user or groups of users on a Customer account. All calls placed using Non-verified Account Codes will be billed by the Company without verification by the Company.

10.2.3 Rates and Charges

Each Customer account is billed a one-time Set Up Fee as specified in Section 13.10, following, to establish a Verified Account Code arrangement. This is a non-recurring charge, regardless of any changes in the number of codes a Customer requests in the future. In addition, each Customer account is billed a monthly recurring charge, regardless of the number of account codes. The monthly charge as specified in Section 13.10 applies to Customer accounts with Verified Account Codes and Non-verified Account Codes.

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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES (CONT'D)**

10.3 Travel Card Service

CTC Travel Card Service is a travel card service available to residential and business Subscribers for placing calls while away from home or office. Calls are originated by dialing an access number, followed by an account identification number and personal identification number. Calls may originate from standard residential, business or pay telephone access lines and may terminate to any interstate or intrastate location. Calls are billed in one (1) minute increments with a minimum call duration for billing purposes of one (1) minute.

10.3.1 Rates

The rates for Travel Card Service are located in Section 13.10, following.



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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES (CONT'D)**

10.4 Billing Name and Address (BNA) Service

10.4.1 General

Billing Name and Address (BNA) is the provision of the complete billing name, street address, city or town, state and zip code for an end user of the Company's local services.

The subscribing Customer must agree that BNA information will not be resold or otherwise provided to any other person, corporation, partnership, or entity, other than customer's authorized billing agent, and that BNA shall be used by the Customer or Customer's authorized billing agent solely for the following limited purposes and may not be resold or used for any other purpose than as listed below.

- A. Billing Customers for using telecommunications services of that company and collecting amounts due;
  - B. Verification of service orders of new customers, identification of customers who have moved to a new address, fraud prevention and similar non-marketing purposes.
  - C. Any purpose associated with the equal access requirement of *United States v. AT&T*, 552.F Supp. 131 (D.D.C. 1982).
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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES (CONT'D)**

10.4 Billing Name and Address (BNA) Service (Cont'd.)

10.4.2 Undertaking of the Company

- .1 Upon verbal or written request from an authorized individual of the Customer who furnishes the Personal Identification Number assigned by the Company, the Company will provide BNA information on a manual basis.
- .2 The Company will respond to telephone requests for BNA information for up to sixteen (16) telephone numbers on line. BNA requests for over sixteen (16) telephone numbers must be submitted via US mail or facsimile transmission. Requests for sixteen (16) through one hundred 100 numbers will be responded to within three (3) Business days following the Company's receipt thereof. Requests for over one hundred (100) numbers will be responded to within ten (10) business days following the Company's receipt thereof.
- .3 BNA information will be provided to the extent it exists in the Company's data base.
- .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.

10.4.3 Obligations of the Customer

The Customer shall provide the name and address of the authorized individual(s) to whom BNA should be sent. The Customer must also identify in writing all authorized individuals who will contact the Company and include the PIN assigned by the Company.

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ACCESS SERVICE

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**SECTION 10 – MISCELLANEOUS SERVICES (CONT'D)**

10.4 Billing Name and Address (BNA) Service

10.4.4 Rate Regulations

Service Establishment Charges apply for the initial establishment of BNA Service.

A charge applies for each request for BNA information request submitted to the Company. The Company will keep count of the requests processed and will bill the Customer in accordance with its counts regardless of whether the Company was able to furnish information in response to a request.

10.4.5 Rates

The rates for BNA Service are located in Section 13.10, following.

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**ACCESS SERVICE**

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**SECTION 11 – SERVICE PROMOTIONS**

**11.1 Promotional Offerings - General**

From time to time, the Company may provide promotional offerings to introduce a current or potential Subscriber to a service not being used by the Subscriber. These offerings may be limited to certain dates, times or locations and may waive or reduce recurring or nonrecurring charges.

**11.1.1 Competitive Response Promotion**

CTC will, at its discretion, match certain standard or promotional offerings of other interexchange carriers or resellers in order to acquire new Customers. The Customer must demonstrate to the Company's satisfaction that 1) an alternative service offering is valid and currently available from a competing interexchange carrier or reseller and 2) the customer intends to either subscribe to or remain with the competing interexchange carrier or reseller. The Company reserves the right to verify that the alternative offering is an approved tariff offering on file with the Commission.

**11.1.2 Best Rate Guarantee Promotion**

CTC will, at its discretion, match certain standard non-promotional offerings of other interexchange carriers or resellers in order to retain existing accounts. The competing rate must be provided in writing and be listed in an approved tariff on file with the Commission and must result in a lower overall bill for the same service offered by the Company.

**11.2 Rates and Charges**

Rates and Charges included in CTC Promotions are set forth in Section 13.11

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**SECTION 12 – CONTRACT SERVICES**

**12.1 Contract Service - General**

At the option of the Company, service may be offered on a contract basis to meet specialized requirements of the Customer not contemplated in this tariff. The terms of each contract shall be mutually agreed upon between the customer and Company and may include discounts off of rates contained herein, waiver of recurring or nonrecurring charges, charges for specially designed and constructed services not contained in the company's general service offerings, or other customized features. The terms of the contract may be based partially or completely on the term and volume commitment, type of originating or terminating access, mixture of services or other distinguishing features. Service shall be available to all similarly situated Customers for three months after the initial offering to the first contract Customer for any given set of terms.

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES**

13.1 General Regulations

13.1.1 Public Pay Telephone Surcharge

Rate per call	\$0.52
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13.1.2 Administrative Charge

Monthly Charge per customer location billed	\$5.00
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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

**13.2 End User Access Service**

**13.2.1 End User Common Line Charge (EUCL)**

**A. All States**

	<u>Monthly</u>
Per Line:	\$8.08
Per Individual Centrex:	\$8.08
Per ISDN PRI or T-1 Facility:	\$40.40

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### SECTION 13- RATES AND CHARGES, (CONT'D)

## 13.2 End User Access Service (Cont'd.)

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

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13.2 End User Access Service (Cont'd.)

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## ACCESS SERVICE

### SECTION 13- RATES AND CHARGES, (CONT'D)

## 13.2 End User Access Service (Cont'd.)

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**SECTION 15- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

13.2.2 Primary Interexchange Carrier Charge (PICC)

A. All States

	<u>Monthly</u>	<b>(T)</b>
Per Presubscribed Multi-Line Business Customer Line	\$4.31	
Per Centrex Line	\$0.47	
Per ISDN-PRI or T-1 Facility	\$21.55	<b>(T)</b>

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

13.2.3 End User Port Charge

- A. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island  
New York / Connecticut (LATA #132)

	Monthly
ISDN, Basic, ea.,	\$ 1.90
ISDN Primary, ea.,	\$ 46.01
Digital PBX per DS0 Equivalent	\$ 1.21
DID Lines	\$ 1.21

- B. Connecticut (LATA #920)

ISDN, Basic, ea.,	\$ 2.21
ISDN Primary, ea.,	\$ 28.55

- C. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia

ISDN, Basic, ea.,	\$ 1.52
ISDN Primary, ea.,	\$ 23.43
DID Lines	\$ 0.70

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

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

**13.2.4 Wireless Service Provider Number Portability (SPNP) Surcharge**

- A. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island  
New York / Connecticut (LATA #132, Verizon - North Territory )

Wireless SPNP Surcharge Rates	Monthly Charge
-Per Line	\$ 0.21
-Per PBX Trunk	\$ 1.89
-Per ISDN PRI	\$ 1.05

- B. Connecticut (LATA #920, Southern New England  
Telephone Company Service Territory)

-Per Line	\$ 0.39
-Per PBX Trunk	\$ 3.51
-Per ISDN PRI	\$ 1.95

- C. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia, (Verizon - South Service Territory)

Wireless SPNP Surcharge Rates	Monthly Charge
-Per Line	\$ 0.21
-Per PBX Trunk	\$ 1.89
-Per ISDN PRI	\$ 1.05

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

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

**13.2.5 Local Number Portability (LNP)**

**(D/Z)**

All States	Monthly
Per Line	\$0.23
Per ISDN-PRI or T-1 Facility	\$1.15

**13.2.6 Presubscribed Interexchange Long Distance Charge (PILD)**

All States	Monthly
Per Presubscribed Mult-Line Business Customer Line	\$4.31
Per Centrex Line	\$0.47
Per ISDN-PRI or T-1 Facility	\$1.15

**13.2.7 Billing and Collection Fee**

	Monthly
Per Billing Statement	\$9.95

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Atlanta, Georgia 30309  
Issued: November 17, 2014

FCC Tariff No. 4  
2<sup>nd</sup> Revised Page 407  
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Effective: December 1, 2014

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

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

**13.2.8 Access Recovery Charge (ARC)**

**A. Verizon – North Service Territory (Connecticut (LATA #132), Massachusetts, New York, Rhode Island)**

	Monthly Rate
-Primary and Non-Primary Residence Subscriber*	
-Individual line or trunk, each	\$0.95
-Single Line Business Subscriber	
-Individual line or trunk, each	\$0.95
-Multiline Business Subscriber	
-Individual line or trunk, each	\$2.08
-Business Centrex Subscriber	
-Individual line or trunk, each	\$0.40
-BRI ISDN Subscriber	
-Digital Transport Facility as provided as ISDN Basic Service, each service	\$0.95
-PRI ISDN Subscriber	
-Digital Transport Facility as provided as ISDN Primary Service, each service	\$10.40

\* Not applicable to New York Residence Subscriber lines.

(N)

(N)

**CTC Communications Corp.**  
**d/b/a EarthLink Business**  
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**SECTION 13- RATES AND CHARGES, (CONT'D)**

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

**13.2.8 Access Recovery Charge (ARC) (Cont'd.)**

**(N)**

**B. Verizon – South Service Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia)**

**Monthly Rate**

**-Primary and Non-Primary Residence Subscriber**

**-Individual line or trunk, each**

District of Columbia	\$0.10
Delaware	\$0.95
Maryland	\$0.95
New Jersey	\$0.95
Pennsylvania	\$0.95
Virginia	\$0.00

**-Single Line Business Subscriber**

**-Individual line or trunk, each**

District of Columbia	\$0.10
Delaware	\$0.95
Maryland	\$0.95
New Jersey	\$0.95
Pennsylvania	\$0.95
Virginia	\$0.95

**-Multiline Business Subscriber**

**-Individual line or trunk, each**

District of Columbia	\$2.08
Delaware	\$2.08
Maryland	\$2.08
New Jersey	\$2.08
Pennsylvania	\$2.08
Virginia	\$2.08

**(N)**

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**CTC Communications Corp.**  
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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

13.2.8 Access Recovery Charge (ARC) (Cont'd.)

(N)

B. Verizon – South Service Territory (District of Columbia, Delaware, Maryland, New Jersey, Pennsylvania, Virginia) (Cont'd.)

	Monthly Rate
-Business Centrex Subscriber	
-Individual line or trunk, each	
District of Columbia	\$0.40
Delaware	\$0.40
Maryland	\$0.40
New Jersey	\$0.40
Pennsylvania	\$0.40
Virginia	\$0.40
-BRI-ISDN*	
-ISDN Basic Service, each	
District of Columbia	\$0.10
Delaware	\$0.95
Maryland	\$0.95
New Jersey	\$0.95
Pennsylvania	\$0.95
Virginia	\$0.95
-PRI-ISDN	
-Digital Transport Facility provided as ISDN	
Primary Service, each service	
District of Columbia	\$10.40
Delaware	\$10.40
Maryland	\$10.40
New Jersey	\$10.40
Pennsylvania	\$10.40
Virginia	\$10.40

\* Not applicable to residence subscribers in the state of Virginia.

(N)

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.2 End User Access Service (Cont'd.)

13.2.8 Access Recovery Charge (ARC) (Cont'd.)

(N)

C. Southern New England Telephone Company Service Territory  
(Connecticut (LATA #920))

Monthly Rate

-Residence, each	\$0.46
-Single Line Business – Individual line or trunk, each	\$0.46
-Multiline Business – Individual line or trunk, each	\$0.63
-ISDN PRI	\$3.15

D. Fairpoint Telephone Service Territory (Maine, New Hampshire, Vermont)

Monthly Rate

-Multiline Business Subscriber, Multiline Business Payphone, Other Multiline Business Except PBX / Flexpath	
-Individual line or trunk, each	\$1.84
-Single Line Business Subscriber	
-Individual line or trunk, each	\$0.92
-Primary Residence Subscriber	
-Individual line or trunk, each	\$0.92
-Non-Primary Residence Subscriber	
-Individual line or trunk, each	\$0.92
-BRI ISDN Subscriber	
-Digital Transport Facility provided as ISDN Basic Service, each service	\$0.92
-PRI ISDN Subscriber	
-Digital Transport Facility provided as ISDN Primary Service, each service	\$9.20
-Private Branch Exchange (PBX) Trunk and FlexPath with End User Port Charge (Direct Inward Dialing [DID] /FlexData)	
-Individual line or trunk, each	\$1.84
-Private Branch Exchange (PBX) Trunk and FlexPath without End User Port Charge (all other PBX)	
-Individual line or trunk, each	\$1.84
-Business Centrex Subscriber (non-ISDN)	
-Individual Business Centrex Service, each (rate per line)	\$1.84

(N)

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.3 Carrier Common Line

13.3.1 Premium Access

- A. Massachusetts, New York / Connecticut (LATA #132), Maine, New Hampshire  
Vermont, Rhode Island, (Bell Atlantic North Service Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

- B. Connecticut (LATA #920- Southern New England Telephone Company's Service  
Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

- C. New Jersey, Maryland, Delaware, Washington D.C., Pennsylvania, Virginia  
(Bell Atlantic South Service Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.3 Carrier Common Line (Cont'd.)

13.3.2 Non - Premium Access

- A. Massachusetts, New York / Connecticut (LATA #132), Maine, New Hampshire  
Vermont, Rhode Island, (Bell Atlantic North Service Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

- B. Connecticut (LATA #920- Southern New England Telephone Company's Service  
Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

- C. New Jersey, Maryland, Delaware, Washington D.C., Pennsylvania, Virginia  
(Bell Atlantic South Service Territory).

	Rate
.1 Terminating Per Access Minute	\$ 0.0000
.2 Originating Per Access Minute	\$ 0.0000

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Effective: October 1, 2011

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.4 Ordering Options for Switched and Special Access

13.4.1. Service Date Change Charge

A.	Massachusetts, New York / Connecticut (LATA #132), Maine, New Hampshire Vermont, Rhode Island, (Bell Atlantic North's Service Territory).	Rate
	Service Date Change Charge	
	- per order	\$ 150.00
B.	Connecticut (LATA #920- Southern New England Telephone Company's Service Territory).	
	- per order	\$ 31.88
C.	New Jersey, Maryland, Delaware, Washington D.C., Pennsylvania, Virginia (Bell Atlantic South's Service Territory).	
	- per order	\$ 150.00



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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.4 Ordering Options for Switched and Special Access (Cont'd.)

13.4.2 Design Date Change Charge

- A. Massachusetts, New York / Connecticut (LATA #132), Maine, New Hampshire  
Vermont, Rhode Island, (Bell Atlantic North's Service Territory).

	Rate
Design Date Change Charge	\$150.00

- B. Connecticut (LATA #920) - Southern New England Telephone Company's  
Service Territory).

	Rate
Design Date Change Charge	\$ 37.07

- C. New Jersey, Maryland, Delaware, Washington D.C., Pennsylvania, Virginia  
(Bell Atlantic South's Service Territory).

	Rate
Design Date Change Charge	\$150.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

**13.4 Ordering Options for Switched and Special Access (Cont'd.)**

**13.4.2 Special Handling Charge**

- A. Massachusetts, New York / Connecticut (LATA #132), Maine, New Hampshire  
Vermont, Rhode Island, (Bell Atlantic North's Service Territory).

Rate	
Special Handling Charge	\$500.00

- B. Connecticut (LATA #920) - Southern New England Telephone Company's  
Service Territory).

**Special Handling Charge**

DS1 ACCESS SERVICES	
EXPEDITED SERVICE INTERVALS	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

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.4 Ordering Options for Switched and Special Access (Cont'd.)

13.4.2 Special Handling Charge (Cont'd.)

- B. Connecticut (LATA #920) - Southern New England Telephone Company's Service Territory) (Cont'd.).

Special Handling Charge (Cont'd.)

DS3 ACCESS SERVICES	
EXPEDITED SERVICE INTERVALS	EXPEDITED ORDER CHARGE
14 Days	\$375.00
13 Days	\$425.00
12 Days	\$475.00
11 Days	\$525.00
10 Days	\$575.00
9 Days	\$625.00
8 Days	\$675.00
7 Days	\$725.00

- C. New Jersey, Maryland, Delaware, Washington D.C., Pennsylvania, Virginia (Bell Atlantic South's Service Territory).

	Rate
Special Handling Charge	\$500.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service

13.5.1. Local Transport

A. Entrance Facility - Standard  
Channel Termination

.1 Voice Grade (2-Wire)

- a. Massachusetts, New York, Connecticut (LATA #132), Maine,  
New Hampshire, Vermont, Rhode Island (Bell Atlantic North  
Service Territory)

		Nonrecurring	
	Monthly	First	Additional
Per termination	\$25.16	\$286.40	\$195.50

- b. Connecticut (LATA #920) - Southern New England Telephone  
Company's Service Territory).

		Nonrecurring	
	Monthly	First	Additional
Per termination	\$18.00	\$475.00 - -	

- c. New Jersey, Maryland, Delaware, Washington D.C.,  
Pennsylvania, Virginia, (Bell Atlantic South's Service Territory).

		Nonrecurring	
Per termination			
	Monthly	First	Additional
Pricing Zone 1	\$25.16	\$286.40	\$195.50
Pricing Zone 2	\$25.16	\$286.40	\$195.50

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1. Local Transport (Cont'd.)

A. Entrance Facility - Standard  
Channel Termination (Cont'd.)

.2 Voice Grade (4-Wire)

- a. Massachusetts, New York, Connecticut (LATA #132), Maine,  
New Hampshire, Vermont, Rhode Island (Bell Atlantic North  
Service Territory)

		Nonrecurring	
	Monthly	First	Additional
Per termination	\$ 53.00	\$408.36	\$272.96

- b. Connecticut (LATA #920) - Southern New England Telephone  
Company's Service Territory).

		Nonrecurring	
	Monthly	First	Additional
Per termination	\$ 34.00	\$485.00 - -	

- c. New Jersey, Maryland, Delaware, Washington D.C.,  
Pennsylvania, Virginia, (Bell Atlantic South's Service Territory).

		Nonrecurring	
	Monthly	First	Additional
Per termination			
Price Zone 1	\$53.00	\$408.36	\$272.96
Price Zone 2	\$53.00	\$408.36	\$272.96

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1. Local Transport (Cont'd.)

A. Entrance Facility - Standard  
Channel Termination (Cont'd.)

3. DS1, 1.544 Mbps

a. Massachusetts

		Nonrecurring	
	Monthly	First	Additional
Pricing Zone 1	\$ 190.00	\$ 275.00	\$ 165.00
Pricing Zone 2	\$ 190.00	\$ 275.00	\$ 165.00
Pricing Zone 3	\$ 190.00	\$ 275.00	\$ 165.00

b. New York / Connecticut (LATA #132)

		Nonrecurring	
	Monthly	First	Additional
Pricing Zone 1	\$ 190.00	\$ 275.00	\$ 165.00
Pricing Zone 2	\$ 190.00	\$ 275.00	\$ 165.00
Pricing Zone 3	\$ 190.00	\$ 275.00	\$ 165.00

c. Maine, New Hampshire, Vermont, Rhode Island

		Nonrecurring	
	Monthly	First	Additional
Per termination	\$ 190.00	\$ 275.00	\$ 165.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1. Local Transport (Cont'd.)

A. Entrance Facility - Standard  
Channel Termination (Cont'd.)

3. DS1, 1.544 Mbps (Cont'd.)

d. Connecticut (LATA #920 - Southern New England Telephone  
Company's Service Territory).

	Monthly	Nonrecurring	
		First	Additional
Pricing Zone 1	\$ 60.00	\$386.00	- -
Pricing Zone 2	\$ 70.00	\$386.00	- -
Pricing Zone 3	\$ 80.90	\$386.00	- -

e. New Jersey, Maryland, Delaware, Washington D.C.,  
Pennsylvania, Virginia, (Bell Atlantic South's Service Territory).

	Monthly	Nonrecurring	
		First	Additional
Pricing Zone 1	\$ 190.00	\$355.00	\$225.00
Pricing Zone 2	\$ 190.00	\$355.00	\$225.00
Pricing Zone 3	\$ 190.00	\$355.00	\$225.00

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1. Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination,

.4 DS3 High Capacity Service - Electrical,

a. Massachusetts

i. Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

i. Pricing Zone 1

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

ii. Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

ii. Pricing Zone 2

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

iii. Pricing Zone 3

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

c. Massachusetts (Cont'd.)

iv. Base Rates - Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

v. Base Rates - Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

vi. Base Rates - Pricing Zone 3

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

ii. Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

iii. Pricing Zone 3

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

iv. Base Rates - Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

v. Base Rates - Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

vi. Base Rates - Pricing Zone 3

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. All Zones

Number of DS3 CTs	Monthly Rates,	Nonrecurring
Per CT	\$2,100.00	\$1.00

ii. Base Rate - All Zones

Number of DS3 CTs	Monthly Rates,	Nonrecurring
Per CT	\$2,100.00	\$1.00

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**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 433

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

d. Connecticut (LATA #132)

Zones	Mo. To Mo. Rate	Nonrecurring
Zone 1	\$1757.50	\$745.00
Zone 2	\$1888.00	\$745.00
Zone 3	\$1980.00	\$745.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

i. Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii. Pricing Zone 3

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00



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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iv. Base Rates - Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

v. Base Rates - Pricing Zone 2

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.4 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

vi. Base Rates - Pricing Zone 3

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical 135 Mbps

a. Massachusetts

i. Monthly Rates

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

ii.

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical 135 Mbps (Cont'd.)

a. Massachusetts (Cont'd.)

iv. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical 135 Mbps (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Monthly

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical 135 Mbps (Cont'd.)

b. New York / Connecticut (LATA #132)

iv. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical 135 Mbps (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. All Zones

Number of DS3 CTs	Monthly	Nonrecurring
Per CT	Rates,	
	\$2,100.00	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

i. Pricing Zone 1

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Pricing Zone 2

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

5 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii. Pricing Zone 3

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.5 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iv. Base Rates - Pricing Zone 1

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.5 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

v. Base Rates - Pricing Zone 2

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

.5 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

vi. Base Rates - Pricing Zone 3

Number of DS3 CTs Counted	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

6 DS3 High Capacity Service - Optical 405 Mbps,

a.. New York / Connecticut (LATA #132)

i. Monthly Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

6 DS3 High Capacity Service - Optical 405 Mbps (Cont'd.)

a. New York / Connecticut (LATA #132)

ii. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

7 DS3 High Capacity Service - Optical 560 Mbps

a. Massachusetts

i. Monthly Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

7 DS3 High Capacity Service - Optical 560 Mbps (Cont'd.)

a. Massachusetts (Cont'd.)

ii. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

7 DS3 High Capacity Service - Optical 560 Mbps (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Monthly

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

7. DS3 High Capacity Service - Optical 560 Mbps (Cont'd.)

b. New York / Connecticut (LATA #132)

ii. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 457

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

7 DS3 High Capacity Service - Optical 560 Mbps (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. All Zones

Number of DS3 CTs	Monthly Rates,	Nonrecurring
Per CT	\$2,100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

8 DS3 High Capacity Service - Optical 2.488 Gbps

a. Massachusetts

i. Monthly Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

8 DS3 High Capacity Service - Optical 2.488 Gbps

a. Massachusetts (Cont'd.)

ii. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

8 DS3 High Capacity Service - Optical 2.488 Gbps

b. New York / Connecticut (LATA #132)

i. Monthly

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

8 DS3 High Capacity Service - Optical 2.488 Gbps

b. New York / Connecticut (LATA #132)

ii. Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 462

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

8 DS3 High Capacity Service - Optical 2.488 Gbps

c. Maine, New Hampshire, Vermont, Rhode Island

i. Month to Month

Number of DS3 CTs	Monthly Rates,	Nonrecurring
Per CT	\$2,100.00	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 463

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

A. Entrance Facility - Standard Channel Termination (Cont'd.)

9. Office Channel Termination

a. OCT Cross Connect, \*  
- per termination

	Monthly Rate	Nonrecurring Charge
i. New York / Connecticut, (LATA #132)		
- DS1	none	\$270.66
- DS3	none	\$393.44
ii. Massachusetts, Maine New Hampshire, Vermont Rhode Island		
- DS1	\$ 2.10	\$270.66
- DS3	\$19.23	\$393.44

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Tandem Switched Transport and Host / Remote Switched Transport

1. Local Switched Transport Termination  
- per minute of use

a. Massachusetts, Rhode Island

	Rate
Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

c. Maine, New Hampshire, Vermont

\$ 0.000000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

1. Local Switched Transport Termination (Cont'd.)  
- per minute of use

d. Connecticut (LATA #920)

	Rate
Pricing Zone 1	\$ 0.000630
Pricing Zone 2	\$ 0.000630
Pricing Zone 3	\$ 0.000630

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

2. Local Transport Facility  
- per mile, per minute of use

a. Massachusetts, Rhode Island

Rate

Pricing Zone 1	\$ 0.000002
Pricing Zone 2	\$ 0.000002
Pricing Zone 3	\$ 0.000002

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.000002
Pricing Zone 2	\$ 0.000002
Pricing Zone 3	\$ 0.000002

c. Maine, New Hampshire, Vermont

\$ 0.000003

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

2. Local Transport Facility (Cont'd.)  
- per mile, per minute of use

d. Connecticut (LATA #920)

	Rate
Pricing Zone 1	\$0.000003
Pricing Zone 2	\$0.000003
Pricing Zone 3	\$0.000003

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

Pricing Zone 1	\$0.000002
Pricing Zone 2	\$0.000002
Pricing Zone 3	\$0.000002

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

3. Tandem Switching  
- per minute of use

a. Massachusetts, Rhode Island

Rate		
Pricing Zone 1	\$ 0.001574	<b>(R)</b>
Pricing Zone 2	\$ 0.001574	<b>(R)</b>
Pricing Zone 3	\$ 0.001574	<b>(R)</b>

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.001574	<b>(R)</b>
Pricing Zone 2	\$ 0.001574	<b>(R)</b>
Pricing Zone 3	\$ 0.001574	<b>(R)</b>

c. Maine, New Hampshire, Vermont \$ 0.0016



Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

3. Tandem Switching (Cont'd.)  
- per minute of use

d. Connecticut (LATA #920)

Rate

Pricing Zone 1	\$ 0.0006340
Pricing Zone 2	\$ 0.0006340
Pricing Zone 3	\$ 0.0006340

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

Pricing Zone 1	\$ 0.001574	<b>(R)</b>
Pricing Zone 2	\$ 0.001574	<b>(R)</b>
Pricing Zone 3	\$ 0.001574	<b>(R)</b>

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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

4. Transport Multiplexing  
(DS3 to DS1)  
- per minute of use

a. Massachusetts, Rhode Island

Rate

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

c. Maine, New Hampshire, Vermont

\$ 0.000000

d. Connecticut (LATA #920)

Pricing Zone 1	\$ 0.0000820
Pricing Zone 2	\$ 0.0000820
Pricing Zone 3	\$ 0.0000820

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

\$ 0.000000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

5. Host / Remote Transport Termination  
- per minute of use

a. Massachusetts, Rhode Island

Rate

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.000000
Pricing Zone 2	\$ 0.000000
Pricing Zone 3	\$ 0.000000

c. Maine, New Hampshire, Vermont

\$ 0.000000

d. Connecticut (LATA #920)

Pricing Zone 1	\$ 0.0002850
Pricing Zone 2	\$ 0.0002850
Pricing Zone 3	\$ 0.0002850

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

\$ 0.000000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

6. Host / Remote Transport Facility  
- per mile, per minute of use

a. Massachusetts, Rhode Island

Rate

Pricing Zone 1	\$ 0.00000
Pricing Zone 2	\$ 0.00000
Pricing Zone 3	\$ 0.00000

b. New York / Connecticut (LATA #132)

Pricing Zone 1	\$ 0.00000
Pricing Zone 2	\$ 0.00000
Pricing Zone 3	\$ 0.00000

c. Maine, New Hampshire, Vermont

\$ 0.00000

d. Connecticut (LATA #920)

Pricing Zone 1	\$ 0.000101
Pricing Zone 2	\$ 0.000101
Pricing Zone 3	\$ 0.000101

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

\$ 0.00000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

B. Local Switched Transport and Host / Remote Switched Transport (Cont'd.)

7.	Dedicated Tandem Trunk Port	Monthly Rate
a.	Massachusetts	\$ 12.50
b.	New York / Connecticut	\$ 12.50
c.	Maine, New Hampshire, Vermont Rhode Island	\$ 12.50
d.	Connecticut (LATA #920)	
	Analog	\$ 10.41
	Digital	\$ 56.00
e.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$ 12.50

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport

1. Channel Mileage

a.	Voice Grade (2- Wire & 4-Wire)	Monthly Rate	
		Fixed	Per Mile
i.	Massachusetts (All Zones)		
	0 Miles	None	None
	Over 0 Miles	\$14.95	\$ 2.41
ii.	New York / Connecticut (LATA #132), (All Zones)		
	0 Miles	None	None
	Over 0 Miles	\$14.95	\$ 2.41
iii.	Maine, New Hampshire, Vermont, Rhode Island		
	0 Miles	None	None
	Over 0 Miles	\$14.95	\$ 2.41

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

a. Voice Grade (2- Wire  
& 4-Wire) (Cont'd.)

	Monthly Rate	
	Fixed	Per Mile
iv. Connecticut (LATA #920)		
	0 Miles	None
	Over 0 Miles	\$13.50 \$ 0.83
v. New Jersey, Maryland, District of Columbia, Delaware, Pennsylvania, Virginia		
Pricing Zone 1		
	0 Miles	
	Over 0 Miles	\$ 14.95 \$ 2.41
Pricing Zone 2		
	0 Miles	
	Over 0 Miles	\$ 14.95 \$ 2.41
Pricing Zone 3		
	0 Miles	
	Over 0 Miles	\$ 14.95 \$ 2.41

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

b. DS1, 1544 Mbps

	Monthly Rate	
	Fixed	Per Mile
i. Massachusetts		
Pricing Zone 1		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65
Pricing Zone 2		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65
Pricing Zone 3		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65
ii. New York / Connecticut (LATA #132)		
Pricing Zone 1		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65
Pricing Zone 2		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65
Pricing Zone 3		
0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

b. DS1, 1544 Mbps (Cont'd.)

		Monthly Rate	
		Fixed	Per Mile
iii.	Maine, New Hampshire, Vermont, Rhode Island		
	0 Miles	none	none
	Over 0 Miles	\$ 57.00	\$ 17.65
iv.	Connecticut (LATA #920)		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$ 37.05	\$ 6.27
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$ 39.90	\$ 7.32
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$ 41.48	\$ 7.70

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

b. DS1, 1544 Mbps (Cont'd.)

Monthly Rate  
Fixed Per Mile

v. New Jersey, Maryland,  
District of Columbia, Delaware,  
Pennsylvania, Virginia

Pricing Zone 1

0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65

Pricing Zone 2

0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65

Pricing Zone 3

0 Miles	none	none
Over 0 Miles	\$ 57.00	\$ 17.65

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

c. DS3, 44.736 Mbps

		Monthly Rates	
		Fixed	Per Mile
i.	Massachusetts		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
ii.	New York / Connecticut		
	(LATA #132)		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

c. DS3, 44.736 Mbps (Cont'd.)

		Monthly Rate	
		Fixed	Per Mile
iii.	Maine, New Hampshire, Vermont, Rhode Island	\$825.00	\$159.15
iv.	Connecticut (LATA #920)		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$431.00	\$ 54.00
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$459.00	\$ 56.70
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$486.00	\$ 81.00

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

c. DS3, 44.736 Mbps (Cont'd.)

		Monthly Rate	
		Fixed	Per Mile
v.	New Jersey, Maryland, District of Columbia, Delaware, Pennsylvania, Virginia		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

d. DS3, 44.736 Mbps - Base Rates

		Monthly Rate	
		Fixed	Per Mile
i.	Massachusetts		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
ii.	New York / Connecticut (LATA #132)		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

C. Direct Trunked Transport (Cont'd.)

1. Channel Mileage (Cont'd.)

d. DS3, 44.736 Mbps - Base Rates (Cont'd.)

		Monthly Rate	
		Fixed	Per Mile
iii.	New Jersey, Maryland, District of Columbia, Delaware, Pennsylvania, Virginia		
	Pricing Zone 1		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 2		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15
	Pricing Zone 3		
	0 Miles	none	none
	Over 0 Miles	\$825.00	\$159.15

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

D. Interconnection Charge

1. Collocated

a. New York / Connecticut (LATA 132),  
Massachusetts, Maine, New Hampshire,  
Vermont, Rhode Island

i. Premium Rate

	Rate
Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

ii. Transitional Rate

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

b. Connecticut (LATA #920)

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

c. New Jersey, District of Columbia, Delaware  
Maryland, Pennsylvania, Virginia

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

D. Interconnection Charge

2. Non - Collocated

a. New York / Connecticut (LATA 132),  
Massachusetts, Maine, New Hampshire,  
Vermont, Rhode Island

i. Premium Rate

	Rate
Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

ii. Transitional Rate

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

b. Connecticut (LATA #920)

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

c. New Jersey, District of Columbia, Delaware  
Maryland, Pennsylvania, Virginia

Terminating per access minute	\$ 0.0000
Originating per access minute	\$ 0.0000

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

E. Optional Features

1. DS3 to DS1 Multiplexing

	Monthly	Nonrecurring Charge
a. Massachusetts		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00
b. Massachusetts - Base Rates		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00
c. New York / Connecticut (LATA #132)		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00
d. New York / Connecticut - Base Rates (LATA #132)		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00
e. Maine, New Hampshire, Vermont, Rhode Island	\$ 775.00	\$ 1.00

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

E. Optional Features (Cont'd.)

1. DS3 to DS1 Multiplexing (Cont'd.)

	Monthly	Nonrecurring Charge
f. Connecticut (LATA #920)		
Pricing Zone 1	\$ 488.00	\$ 0.00
Pricing Zone 2	\$ 550.00	\$ 0.00
Pricing Zone 3	\$ 615.00	\$ 0.00
g. New Jersey, District of Columbia, Delaware Maryland, Pennsylvania, Virginia		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00
h. New Jersey, District of Columbia, Delaware Maryland, Pennsylvania, Virginia - Base Rates		
Pricing Zone 1	\$ 775.00	\$ 1.00
Pricing Zone 2	\$ 775.00	\$ 1.00
Pricing Zone 3	\$ 775.00	\$ 1.00

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

E. Optional Features (Cont'd.)

2.	DS1 to Voice Multiplexing - per arrangement		
		Monthly	Nonrecurring Charge
a.	Massachusetts		
	Pricing Zone 1	\$ 210.00	\$ 0.00
	Pricing Zone 2	\$ 210.00	\$ 0.00
	Pricing Zone 3	\$ 210.00	\$ 0.00
b.	New York / Connecticut (LATA #132)		
	Pricing Zone 1	\$ 210.00	\$ 0.00
	Pricing Zone 2	\$ 210.00	\$ 0.00
	Pricing Zone 3	\$ 210.00	\$ 0.00
c.	Maine, New Hampshire, Vermont, Rhode Island	\$ 210.00	\$ 0.00

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

E. Optional Features (Cont'd.)

2. DS1 to Voice Multiplexing (Cont'd.)  
- per arrangement

	Monthly	Nonrecurring Charge
d. Connecticut (LATA #920)		
Pricing Zone 1	\$ 107.00	\$ 0.00
Pricing Zone 2	\$ 117.00	\$ 0.00
Pricing Zone 3	\$ 124.00	\$ 0.00
e. New Jersey, District of Columbia, Delaware Maryland, Pennsylvania, Virginia		
Pricing Zone 1	\$ 210.00	\$ 0.00
Pricing Zone 2	\$ 210.00	\$ 0.00
Pricing Zone 3	\$ 210.00	\$ 0.00

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

F. Network Blocking Charge\*

1.	New York / Connecticut (LATA #132), Massachusetts, Rhode Island	
	- per call blocked	RATE \$ 0.010699
2.	Connecticut (LATA #920)	
	- per call blocked	\$ 0.01110
3.	New Jersey, District of Columbia, Delaware Maryland, Pennsylvania, Virginia	
	- per call blocked	\$ 0.010699
4.	Maine, New Hampshire, Vermont	
	-per call blocked	\$0.010699

\* Applies to FGD

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.1 Local Transport (Cont'd.)

G. Common Channel Signaling Access \*

1.	New York / Connecticut (LATA #132), Massachusetts, Maine, New Hampshire, Vermont Rhode Island		
		Monthly Rate	Nonrecurring Charge
	- STP Link Termination	\$ 71.48	\$ 155.00
	- STP Channel Mileage		
	Fixed	\$ 30.12	None
	Per mile	\$ 1.98	None
2.	New Jersey, District of Columbia, Delaware Maryland, Pennsylvania, Virginia		
	- STP Link Termination	\$ 0.00	\$ 0.00
	- STP Channel Mileage		
	Fixed	\$ 0.00	None
	Per mile	\$ 3.50	None

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**CTC Communications Corp.**  
**d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: July 15, 2014

FCC Tariff No. 4  
1<sup>st</sup> Revised Page 492  
Cancels Original Page 492

**Transmittal No. 109**  
**ACCESS SERVICE**

Effective: July 17, 2014

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.2 Local Switching

A. Usage Rates per Access Minute

1.	FGB			(C)
		Originating	Terminating	
a.	New York, Connecticut (LATA #132), Massachusetts, Rhode Island	\$0.002406	\$0.003112	
b.	Connecticut (LATA #920)	\$0.003133	\$0.003090	
c.	New Jersey, District of Columbia, Delaware, Maryland, Pennsylvania Virginia	\$0.002406	\$0.003162	
d.	Maine, New Hampshire, Vermont	\$0.002264	\$0.001625	
2.	FGD			
a.	New York, Connecticut (LATA #132), Massachusetts, Rhode Island	\$0.002406	\$0.003112	
b.	Connecticut (LATA #920)	\$0.003133	\$0.003090	
c.	New Jersey, District of Columbia, Delaware, Maryland, Pennsylvania Virginia	\$0.002406	\$0.003162	
d.	Maine, New Hampshire, Vermont	\$0.002264	\$0.0016250	
3	Shared End Office Trunk Port			
a.	New York, Connecticut (LATA #132), Massachusetts, Rhode Island	\$0.001688	\$0.000000	
b.	Connecticut (LATA #920)	\$0.001400	\$0.000000	
c.	New Jersey, District of Columbia, Delaware, Maryland, Pennsylvania Virginia	\$0.001688	\$0.000000	
d.	Maine, New Hampshire, Vermont	\$0.001595	\$0.001145	(C)

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.2 Local Switching

B.	Dedicated Ports	Monthly Rate	Nonrecurring Charge
1.	Dedicated End Office Trunk Port		
a.	New York, CT (LATA #132) Massachusetts, Maine, Vermont New Hampshire, Rhode Island	\$ 12.50	none
b.	Connecticut (LATA #920) Analog	\$ 15.00	none
c.	New Jersey, District of Columbia Delaware, Maryland, Pennsylvania Virginia	\$ 12.50	none
2.	Common Channel Signaling Signaling Access Service STP Port**		
a.	New York, CT (LATA #132) Massachusetts, Maine, Vermont New Hampshire, Rhode Island	\$450.00	none
b.	Connecticut (LATA #920)	\$140.00	none
c.	New Jersey, District of Columbia Delaware, Maryland, Pennsylvania Virginia	\$900.00	none

\*\* For Common Channel Signaling Access Service, a STP Link Termination and Channel Mileage

Rates and charges also apply.

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**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 494

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.2 Local Switching (Cont'd.)

C. Local Switching Installation \*

	Nonrecurring Charge
a. New York, CT (LATA #132) Massachusetts, Maine, Vermont New Hampshire, Rhode Island	\$ 1.00
b. Connecticut (LATA #920)	\$ 0.00
c. New Jersey, District of Columbia Delaware, Maryland, Pennsylvania Virginia	\$ 1.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.5 Switched Access Service (Cont'd.)

13.5.3 800 Database Access Service

A.	New York, Connecticut (LATA #132) Massachusetts, Rhode Island	Rate	
1.	Customer Identification Charge		
	- per query	\$ 0.0100	
2.	800 to POTS translation		
	- per query	\$ 0.0100	
3.	Call Handling and Destination Feature		
	- per query	\$ 0.0100	
B.	Connecticut	Rate	
1.	Customer Identification Charge		
	- per query	\$ 0.0100	
2.	800 to POTS translation		
	- per query	\$ 0.0100	
3.	Call Handling and Destination Feature		
	- per query	\$ 0.0100	
C.	New Jersey, District of Columbia Delaware, Maryland, Pennsylvania Virginia	Rate	
1.	Customer Identification Charge		
	- per query	\$ 0.0100	
2.	800 to POTS translation		
	- per query	\$ 0.0100	
D.	Maine, New Hampshire, Vermont	Rate	
1.	Customer Identification Charge		
	- per query	\$ 0.0100	
2.	800 to POTS translation		
	- per query	\$ 0.0100	
3.	Call Handling and Destination Feature		
	- per query	\$ 0.0100	

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service,

13.6.1 WATS Access Lines Service

A. Channel Termination

1. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island,  
New York, Connecticut (LATA #132)

Per point of termination

	Monthly Rates	Nonrecurring Charges	
		First	Add'l
2-Wire	\$ 33.52	\$267.72	\$195.50
4-Wire	\$ 53.69	\$379.77	\$272.96

2. Connecticut (LATA #920)

2-Wire	\$ 43.99	\$527.90 - -
4-Wire	\$ 43.99	\$527.90 - -

3. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

2-Wire	\$ 25.16	\$ 1.00	\$ 0.75
Rearrangement	- -	\$ 0.90	\$ 0.60
4-Wire	\$ 43.99	\$ 1.00	\$ 0.75
Rearrangement	- -	\$ 0.90	\$ 0.60

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Effective: October 1, 2011

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.1 WATS Access Lines Service (Cont'd.)

B. Channel Mileage

1. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island,  
New York, Connecticut (LATA #132)  
Per point of termination

	Fixed	Per Mile
0 Miles	none	none
Over 0 Miles	\$ 34.62	\$ 4.03

2. Connecticut (LATA #920)

0 Miles	none	none
Over 0 Miles	\$ 20.00	\$ 1.30

3. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

0 Miles	none	none
Over 0 Miles	\$ 14.25	\$ 0.38

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II, As of February 3, 2003, Rates and Charges in Section 13.6.2 are no longer available for new installations. Rates and Charges for New installations can be found in Section 14.1.1, following.

A. Channel Terminations

- per point of termination - Monthly

1. Maine, New Hampshire, Vermont  
Massachusetts, Rhode Island  
(All speeds)

	Monthly	12 Months	24 Months	36Months
2-Wire	\$63.50	\$60.33	\$57.15	\$57.15
4-Wire	\$79.04	\$75.09	\$71.14	\$67.18

2. New York / Connecticut, (LATA # 132, Bell Atlantic  
Telephone Company Service Territory),  
All Speeds

4-Wire	\$79.04	\$75.09	\$71.14	\$67.18
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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

A. Channel Terminations

- per point of termination - Monthly (Cont'd.)

3. Connecticut, (LATA #920, Southern New England  
Telephone Company Service Territory)

	Monthly Charges
2.4 Kbps	\$ 75.00
4.8 Kbps	\$ 75.00
9.6 Kbps	\$ 75.00

	Monthly	12 Month	24Month
56 Kbps	\$ 105.00	102.38	102.38
64 Kbps	\$ 105.00	102.38	102.38

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

	Monthly	12 Month	24Month
2.4 Kbps	\$ 64.28	50.26	45.69
4.8 Kbps	\$ 73.45	59.39	54.82
9.6 Kbps	\$ 82.63	68.32	59.39
19.2 Kbps	\$ 91.81	77.66	63.96
56 Kbps	\$104.53	86.80	68.52
64 Kbps	\$110.19	95.94	77.67

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

B. Channel Terminations (Cont'd.)  
- per point of termination - Nonrecurring Charges

		Nonrecurring Charges	
		First	Add'l
1.	Maine, New Hampshire, Vermont Massachusetts, Rhode Island		
	2-Wire	\$1.00	\$1.00
	4-Wire - all speeds	\$1.00	\$1.00
2.	New York / Connecticut (LATA #132) - All speeds		
	4 Wire	\$1.00	\$1.00
3.	Connecticut (LATA #920)	Nonrecurring Charges	
	2.4 Kbps	\$ 552.47	
	4.8 Kbps	\$ 552.47	
	9.6 Kbps	\$ 552.47	
	56 Kbps	\$ 578.81	
	64 Kbps	\$ 578.81	
4.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	Nonrecurring Charges	
		First	Additional
	All speeds	\$200.00	\$120.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

C. Channel Mileage

1. Maine, New Hampshire, Vermont  
Massachusetts, Rhode Island

	Monthly	12 Months	24 Months	36 Months
Fixed Mileage				
0 Miles	none	none	none	none
Over 0 Miles	\$44.82	\$42.58	\$40.34	\$40.34
Per Mile				
0 Miles	none	none	none	none
Over 0 Miles	\$ 2.81	\$ 2.67	\$ 2.53	\$ 2.53

2. New York / Connecticut  
(LATA # 132)

Fixed Mileage				
0 Miles	none	none	none	none
Over 0 Miles	\$44.82	\$42.58	\$40.34	\$40.34
Per Mile				
0 Miles	none	none	none	none
Over 0 Miles	\$ 2.81	\$ 2.67	\$ 2.53	\$ 2.53

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory ),

Monthly

2.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

4.8 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

9.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory ) (Cont'd.)

	Monthly	12 Month	24Month
56 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$40.00	\$37.00	\$36.00
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 1.55	\$ 1.55	\$ 1.55
64 Kbps			
Fixed			
Over 0 Miles	\$40.00	\$37.00	\$36.00
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 1.55	\$ 1.55	\$ 1.55

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

	Monthly	12 Month	24Month
2.4 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$50.12	\$44.90	\$39.89
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 1.51	\$1.39	\$1.34
4.8 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$60.14	\$54.84	\$44.86
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 1.61	\$1.51	\$1.48
9.6 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$70.17	\$64.83	\$49.89
Per Mile			
0 Miles	none		
Over 0 Miles	\$1.71	\$1.59	\$1.54

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

	Monthly	12 Month	24Month
19.2 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$80.19	\$74.82	\$59.82
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 1.81	\$1.71	\$1.65
56 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$90.21	\$84.80	\$69.82
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 2.25	\$ 2.14	\$ 1.99
64 Kbps			
Fixed			
0 Miles	none		
Over 0 Miles	\$100.23	\$94.71	\$79.78
Per Mile			
0 Miles	none		
Over 0 Miles	\$ 2.51	\$ 2.40	\$ 2.24

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

D. Optional Features and Functions

		Monthly	Nonrecurring Charges	
			First	Add'l
1.	Bridging, Per port			
	a. Maine, New Hampshire Vermont, Massachusetts Rhode Island	\$18.47	None	- - -
	b. New York / Connecticut (LATA #132)	\$18.47	None	- - -
	c. Connecticut (LATA #920)	\$27.92	None	- - -
	d) New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$19.00	None	- - -
2.	Secondary Channel Capability - per channel Termination			
	a. Maine, New Hampshire Vermont, Massachusetts Rhode Island	\$0.00	None	- - -
	b. New York / Connecticut (LATA #132)	\$0.00	None	- - -
	c. Connecticut (LATA #920)	\$11.15	\$9.00	\$332.00
	d) New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$0.00	None	- - -

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**CTC Communications Corp.**  
**d/b/a EarthLink Business**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

D. Optional Features and Functions (Cont'd.)

	Monthly	Nonrecurring Charges	
		First	Add'l
3. Service Rearrangement #			
DDS II to DS1 per lower bit rate service rearranged		None	\$1.00

# available in Bell Atlantic North Territory only

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.2 Digital Data Service II (Cont'd.)

D. Optional Features and Functions (Cont'd.)

		Monthly	Nonrecurring Charges	
			First	Add'l
4.	Loop Transfer Arrangement (Key activated * or Dial Up **) - per four port arrangement ***			
a.	Connecticut (LATA #920)	ICB	None	- - -
b.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$25.00	None	- - -

# Not available in Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA #132, and New York)

\* The Key Activated Control Channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable

\*\* The Dial Up option requires the Customer to purchase the Controller Arrangement

\*\*\* An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the Customer's premises. Additional Channel Mileage will also apply when the transfer arrangement is not located in Customer premises serving wire center.



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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

As of February 1, 2003, Rates and Charges in Section 13.6.3 are no longer available for new installations. Rates and Charges for New installations can be found in Section 14.1.2, following.

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

a. Massachusetts

i. Monthly Rates

	Monthly	12 Month	24 Month	36 Month
Pricing Zone 1	\$ 206.12	\$190.66	\$175.20	\$164.90
Pricing Zone 2	\$259.03	\$239.60	\$220.18	\$207.22
Pricing Zone 3	\$267.72	\$247.64	\$227.56	\$214.18

ii. Nonrecurring Charges

	Nonrecurring	
	First	Add'l
Pricing Zone 1	\$275.00	\$165.00
Pricing Zone 2	\$275.00	\$165.00
Pricing Zone 3	\$275.00	\$165.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

b. New York / Connecticut (LATA # 132, New York Telephone  
Service Territory)

i. Monthly Rates

	Monthly	12 Month	24 Month	36 Month
Pricing Zone 1	\$ 177.12	\$163.84	\$150.55	\$141.70
Pricing Zone 2	\$259.03	\$239.60	\$220.18	\$207.22
Pricing Zone 3	\$267.72	\$247.64	\$227.56	\$214.18

ii. Nonrecurring Charges

	Nonrecurring	
	First	Add'l
Pricing Zone 1	\$275.00	\$165.00
Pricing Zone 2	\$275.00	\$165.00
Pricing Zone 3	\$275.00	\$165.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

c. Maine, New Hampshire, Vermont Connecticut

i. Monthly Rates

	Monthly	12 Month	24 Month	36 Month
All Zones	\$ 267.72	\$247.64	\$227.56	\$214.18

ii. Nonrecurring Charges

	Nonrecurring	
	First	Add'l
All Zones	\$275.00	\$165.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

d) Connecticut (LATA #920)

i. Monthly Rates

	Monthly	12 Month	24Month
Pricing Zone 1	\$160.00	\$148.00	\$144.00
Pricing Zone 2	\$170.00	\$157.25	\$153.00
Pricing Zone 3	\$180.00	\$166.50	\$162.80
Grandfathered OPP	\$180.00		

ii. Nonrecurring Charges

		Nonrecurring	
		First	Add'l
Pricing Zone 1	\$600.00 --	\$600.00	--
Pricing Zone 2	\$600.00 --	\$600.00	--
Pricing Zone 3	\$600.00 --	\$600.00	--
Grandfathered OPP		\$600.00	--

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

e) New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

i. Monthly Rates

		12	24	36
	Monthly	Month	Month	Month
Pricing Zone 1	\$198.24	\$181.39	\$167.32	\$167.32
Pricing Zone 2	\$228.25	\$181.69	\$167.77	\$167.77
Pricing Zone 3	\$242.22	\$181.67	\$167.62	\$167.62

ii. Nonrecurring Charges

	Nonrecurring Charges	
	First	Additional
Pricing Zone 1	\$355.00	\$220.00
Pricing Zone 2	\$355.00	\$220.00
Pricing Zone 3	\$355.00	\$220.00

f) Non-Standard Premise (NSP)  
Connection - Maine, New Hampshire  
Vermont, Massachusetts, Rhode Island  
New York / Connecticut (LATA #132)

Nonrecurring  
\$3,000.00

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Effective: October 1, 2011

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination, (Cont'd.)

3 DS3 High Capacity Service - Electrical,

a. Massachusetts

i. Pricing Zone 1

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1100.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

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**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination, (Cont'd.)

3 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

ii. Pricing Zone 2

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2425.50	\$2243.59	\$2061.68	\$1940.40	\$1.00
2	\$2205.00	\$2039.63	\$1874.25	\$1764.00	\$1.00
3	\$1732.50	\$1602.56	\$1472.63	\$1386.00	\$1.00
4	\$1627.50	\$1505.44	\$1383.38	\$1302.00	\$1.00
5	\$1575.50	\$1457.34	\$1339.18	\$1260.40	\$1.00
6	\$1522.50	\$1408.31	\$1294.13	\$1218.00	\$1.00
7	\$1470.00	\$1359.75	\$1249.50	\$1176.00	\$1.00
8	\$1417.50	\$1311.19	\$1204.88	\$1134.00	\$1.00
9	\$1365.00	\$1262.63	\$1160.25	\$1092.00	\$1.00
10	\$1312.50	\$1214.06	\$1115.63	\$1050.00	\$1.00
11	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
12	\$1144.50	\$1058.66	\$972.83	\$915.60	\$1.00
13	\$1323.00	\$1223.78	\$1124.55	\$1058.40	\$1.00
14	\$1302.00	\$1204.35	\$1106.70	\$1041.60	\$1.00
15	\$1291.50	\$1194.64	\$1097.78	\$1033.20	\$1.00
16	\$1281.00	\$1184.93	\$1088.85	\$1024.80	\$1.00
17	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
18	\$1249.50	\$1155.69	\$1062.08	\$999.60	\$1.00
19	\$1233.75	\$1141.22	\$1048.69	\$987.00	\$1.00
20	\$1207.50	\$1116.94	\$1026.38	\$966.00	\$1.00
21	\$1197.00	\$1107.23	\$1017.45	\$957.60	\$1.00
22	\$1176.00	\$1087.80	\$999.60	\$940.80	\$1.00
23	\$1160.25	\$1073.23	\$986.21	\$928.20	\$1.00
24	\$1156.05	\$1069.35	\$982.64	\$924.84	\$1.00
25 and over	\$1155.00	\$1068.38	\$981.75	\$924.00	\$1.00
2 <sup>nd</sup>	\$1786.01	\$1652.06	\$1518.11	\$1428.81	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

iii. Pricing Zone 3

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2541.00	\$2350.43	\$2159.85	\$2032.80	\$1.00
2	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
3	\$1815.00	\$1678.88	\$1542.75	\$1452.00	\$1.00
4	\$1705.00	\$1577.13	\$1449.25	\$1364.00	\$1.00
5	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
6	\$1595.00	\$1375.38	\$1355.75	\$1276.00	\$1.00
7	\$1540.00	\$1424.50	\$1309.00	\$1232.00	\$1.00
8	\$1485.00	\$1373.63	\$1262.25	\$1188.00	\$1.00
9	\$1430.00	\$1322.75	\$1213.40	\$1144.00	\$1.00
10	\$1375.00	\$1271.88	\$1168.75	\$1100.00	\$1.00
11	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
12	\$1199.00	\$1109.08	\$1019.15	\$959.20	\$1.00
13	\$1386.00	\$1282.05	\$1178.10	\$1108.80	\$1.00
14	\$1364.00	\$1261.70	\$1159.40	\$1091.20	\$1.00
15	\$1353.00	\$1251.53	\$1150.05	\$1082.40	\$1.00
16	\$1342.00	\$1241.35	\$1140.70	\$1073.60	\$1.00
17	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
18	\$1309.00	\$1210.83	\$1112.65	\$1047.20	\$1.00
19	\$1292.50	\$1195.56	\$1098.63	\$1034.00	\$1.00
20	\$1265.00	\$1170.13	\$1075.25	\$1012.00	\$1.00
21	\$1254.00	\$1159.95	\$1065.90	\$1003.20	\$1.00
22	\$1232.00	\$1139.60	\$1047.20	\$985.60	\$1.00
23	\$1215.00	\$1123.88	\$1032.75	\$972.00	\$1.00
24	\$1211.10	\$1120.27	\$1029.44	\$968.88	\$1.00
25 and over	\$1210.00	\$1119.25	\$1028.50	\$968.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1730.73	\$1590.40	\$1496.85	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

iv. Base Rates - Pricing Zone 1

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

v. Base Rates - Pricing Zone 2

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2425.50	\$1.00
2	\$2205.00	\$1.00
3	\$1732.50	\$1.00
4	\$1627.50	\$1.00
5	\$1575.00	\$1.00
6	\$1522.50	\$1.00
7	\$1470.00	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1260.00	\$1.00
12	\$1144.00	\$1.00
13	\$1323.00	\$1.00
14	\$1302.00	\$1.00
15	\$1291.50	\$1.00
16	\$1281.00	\$1.00
17	\$1260.00	\$1.00
18	\$1249.50	\$1.00
19	\$1233.75	\$1.00
20	\$1207.50	\$1.00
21	\$1197.00	\$1.00
22	\$1176.00	\$1.00
23	\$1160.25	\$1.00
24	\$1156.05	\$1.00
25 and over	\$1155.00	\$1.00
Secondary premises, per CT	\$1786.01	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

a. Massachusetts (Cont'd.)

vi. Base Rates - Pricing Zone 3

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Pricing Zone 1

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1100.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

ii. Pricing Zone 2

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2425.50	\$2243.59	\$2061.68	\$1940.40	\$1.00
2	\$2205.00	\$2039.63	\$1874.25	\$1764.00	\$1.00
3	\$1732.50	\$1602.56	\$1472.63	\$1386.00	\$1.00
4	\$1627.50	\$1505.44	\$1383.38	\$1302.00	\$1.00
5	\$1575.50	\$1457.34	\$1339.18	\$1260.40	\$1.00
6	\$1522.50	\$1408.31	\$1294.13	\$1218.00	\$1.00
7	\$1470.00	\$1359.75	\$1249.50	\$1176.00	\$1.00
8	\$1417.50	\$1311.19	\$1204.88	\$1134.00	\$1.00
9	\$1365.00	\$1262.63	\$1160.25	\$1092.00	\$1.00
10	\$1312.50	\$1214.06	\$1115.63	\$1050.00	\$1.00
11	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
12	\$1144.50	\$1058.66	\$972.83	\$915.60	\$1.00
13	\$1323.00	\$1223.78	\$1124.55	\$1058.40	\$1.00
14	\$1302.00	\$1204.35	\$1106.70	\$1041.60	\$1.00
15	\$1291.50	\$1194.64	\$1097.78	\$1033.20	\$1.00
16	\$1281.00	\$1184.93	\$1088.85	\$1024.80	\$1.00
17	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
18	\$1249.50	\$1155.69	\$1062.08	\$999.60	\$1.00
19	\$1233.75	\$1141.22	\$1048.69	\$987.00	\$1.00
20	\$1207.50	\$1116.94	\$1026.38	\$966.00	\$1.00
21	\$1197.00	\$1107.23	\$1017.45	\$957.60	\$1.00
22	\$1176.00	\$1087.80	\$999.60	\$940.80	\$1.00
23	\$1160.25	\$1073.23	\$986.21	\$928.20	\$1.00
24	\$1156.05	\$1069.35	\$982.64	\$924.84	\$1.00
25 and over	\$1155.00	\$1068.38	\$981.75	\$924.00	\$1.00
2 <sup>nd</sup>	\$1786.01	\$1652.06	\$1518.11	\$1428.81	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

iii. Pricing Zone 3

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2541.00	\$2350.43	\$2159.85	\$2032.80	\$1.00
2	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
3	\$1815.00	\$1678.88	\$1542.75	\$1452.00	\$1.00
4	\$1705.00	\$1577.13	\$1449.25	\$1364.00	\$1.00
5	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
6	\$1595.00	\$1375.38	\$1355.75	\$1276.00	\$1.00
7	\$1540.00	\$1424.50	\$1309.00	\$1232.00	\$1.00
8	\$1485.00	\$1373.63	\$1262.25	\$1188.00	\$1.00
9	\$1430.00	\$1322.75	\$1213.40	\$1144.00	\$1.00
10	\$1375.00	\$1271.88	\$1168.75	\$1100.00	\$1.00
11	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
12	\$1199.00	\$1109.08	\$1019.15	\$959.20	\$1.00
13	\$1386.00	\$1282.05	\$1178.10	\$1108.80	\$1.00
14	\$1364.00	\$1261.70	\$1159.40	\$1091.20	\$1.00
15	\$1353.00	\$1251.53	\$1150.05	\$1082.40	\$1.00
16	\$1342.00	\$1241.35	\$1140.70	\$1073.60	\$1.00
17	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
18	\$1309.00	\$1210.83	\$1112.65	\$1047.20	\$1.00
19	\$1292.50	\$1195.56	\$1098.63	\$1034.00	\$1.00
20	\$1265.00	\$1170.13	\$1075.25	\$1012.00	\$1.00
21	\$1254.00	\$1159.95	\$1065.90	\$1003.20	\$1.00
22	\$1232.00	\$1139.60	\$1047.20	\$985.60	\$1.00
23	\$1215.00	\$1123.88	\$1032.75	\$972.00	\$1.00
24	\$1211.10	\$1120.27	\$1029.44	\$968.88	\$1.00
25 and over	\$1210.00	\$1119.25	\$1028.50	\$968.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1730.73	\$1590.40	\$1496.85	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

iv. Base Rates - Pricing Zone 1

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

v. Base Rates - Pricing Zone 2

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2425.50	\$1.00
2	\$2205.00	\$1.00
3	\$1732.50	\$1.00
4	\$1627.50	\$1.00
5	\$1575.00	\$1.00
6	\$1522.50	\$1.00
7	\$1470.00	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1260.00	\$1.00
12	\$1144.00	\$1.00
13	\$1323.00	\$1.00
14	\$1302.00	\$1.00
15	\$1291.50	\$1.00
16	\$1281.00	\$1.00
17	\$1260.00	\$1.00
18	\$1249.50	\$1.00
19	\$1233.75	\$1.00
20	\$1207.50	\$1.00
21	\$1197.00	\$1.00
22	\$1176.00	\$1.00
23	\$1160.25	\$1.00
24	\$1156.05	\$1.00
25 and over	\$1155.00	\$1.00
Secondary premises, per CT	\$1786.01	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

b. New York / Connecticut (LATA #132)

vi. Base Rates - Pricing Zone 3

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. Base Rates

Number of DS3 CTs	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring
1	\$2541.00	\$2350.43	\$2159.85	\$2032.80	\$1.00
2	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
3	\$1815.00	\$1678.88	\$1542.75	\$1452.00	\$1.00
4	\$1705.00	\$1577.13	\$1449.25	\$1364.00	\$1.00
5	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
6	\$1595.00	\$1375.38	\$1355.75	\$1276.00	\$1.00
7	\$1540.00	\$1424.50	\$1309.00	\$1232.00	\$1.00
8	\$1485.00	\$1373.63	\$1262.25	\$1188.00	\$1.00
9	\$1430.00	\$1322.75	\$1213.40	\$1144.00	\$1.00
10	\$1375.00	\$1271.88	\$1168.75	\$1100.00	\$1.00
11	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
12	\$1199.00	\$1109.08	\$1019.15	\$959.20	\$1.00
13	\$1386.00	\$1282.05	\$1178.10	\$1108.80	\$1.00
14	\$1364.00	\$1261.70	\$1159.40	\$1091.20	\$1.00
15	\$1353.00	\$1251.53	\$1150.05	\$1082.40	\$1.00
16	\$1342.00	\$1241.35	\$1140.70	\$1073.60	\$1.00
17	\$1320.00	\$1221.00	\$1122.00	\$1056.00	\$1.00
18	\$1309.00	\$1210.83	\$1112.65	\$1047.20	\$1.00
19	\$1292.50	\$1195.56	\$1098.63	\$1034.00	\$1.00
20	\$1265.00	\$1170.13	\$1075.25	\$1012.00	\$1.00
21	\$1254.00	\$1159.95	\$1065.90	\$1003.20	\$1.00
22	\$1232.00	\$1139.60	\$1047.20	\$985.60	\$1.00
23	\$1215.00	\$1123.88	\$1032.75	\$972.00	\$1.00
24	\$1211.10	\$1120.27	\$1029.44	\$968.88	\$1.00
25 and over	\$1210.00	\$1119.25	\$1028.50	\$968.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1730.73	\$1590.40	\$1496.85	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. Base Rates (Cont'd.)

Number of DS3 CTs	Massachusetts Monthly Rates	Nonrecurring Charges
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

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**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 528

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

d. Connecticut (LATA #920)

Zones	Mo. To Mo. Rate per DS3 CT	12 Month per DS3 CT	24 Month	Nonrecurring Charge
Zone 1	\$2800.00	\$2520.00	\$2240.00	\$1775.37
Zone 2	\$2900.00	\$2610.00	\$2320.00	\$1775.37
Zone 3	\$3000.00	\$2700.00	\$2400.00	\$1775.37

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

e). New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia,

i. Pricing Zone 1

Number of DS3 CT Counted	Mo. To Mo. Rates	12 Month	24 Month	36 Month	Nonrecurring Charge
1	\$2667.50	\$2400.75	\$2267.38	\$2134.00	\$1.00
2	\$2552.00	\$2296.80	\$2169.20	\$2041.60	\$1.00
3	\$2328.00	\$2095.20	\$1978.80	\$1862.40	\$1.00
4	\$1750.00	\$1575.00	\$1487.50	\$1400.00	\$1.00
5	\$1650.00	\$1485.00	\$1402.50	\$1320.00	\$1.00
6	\$1550.00	\$1395.00	\$1317.50	\$1240.00	\$1.00
7	\$1450.00	\$1305.00	\$1232.50	\$1160.00	\$1.00
8	\$1350.00	\$1215.00	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1170.00	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1125.00	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1080.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$981.00	\$926.50	\$872.00	\$1.00
13	\$1500.00	\$1350.00	\$1275.00	\$1200.00	\$1.00
14	\$1440.00	\$1296.00	\$1224.00	\$1152.00	\$1.00
15	\$1400.00	\$1260.00	\$1190.00	\$1120.00	\$1.00
16	\$1325.00	\$1192.50	\$1126.25	\$1060.00	\$1.00
17	\$1240.00	\$1116.00	\$1054.00	\$992.00	\$1.00
18	\$1190.00	\$1071.00	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1057.50	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1035.00	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1026.00	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1008.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$994.50	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$990.90	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$990.00	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises' per	\$2434.96	\$2191.46	\$2069.72	\$1947.97	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 530

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

**13.6 Special Access Service (Cont'd.)**

**13.6.3 High Capacity Service**

**A. Channel Terminations - per point of termination (Cont'd.)**

**.3 DS3 High Capacity Service - Electrical (Cont'd.)**

**e) New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)**

**ii. Pricing Zone 2**

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2800.88	\$2520.79	\$2380.75	\$2240.70	\$1.00
2	\$2648.10	\$2383.29	\$2250.89	\$2118.48	\$1.00
3	\$2520.00	\$2268.00	\$2142.00	\$2016.00	\$1.00
4	\$1837.50	\$1653.75	\$1561.88	\$1470.00	\$1.00
5	\$1732.50	\$1559.25	\$1472.63	\$1386.00	\$1.00
6	\$1627.50	\$1464.75	\$1383.38	\$1302.00	\$1.00
7	\$1522.50	\$1370.25	\$1294.13	\$1218.00	\$1.00
8	\$1417.50	\$1275.75	\$1204.88	\$1134.00	\$1.00
9	\$1365.00	\$1228.50	\$1160.25	\$1092.00	\$1.00
10	\$1312.50	\$1181.25	\$1115.63	\$1050.00	\$1.00
11	\$1144.00	\$1029.60	\$972.40	\$915.20	\$1.00
12	\$1575.00	\$1417.50	\$1338.75	\$1260.00	\$1.00
13	\$1512.00	\$1360.80	\$1285.20	\$1209.60	\$1.00
14	\$1470.00	\$1323.00	\$1249.50	\$1176.00	\$1.00
15	\$1391.25	\$1252.13	\$1182.56	\$1113.00	\$1.00
16	\$1302.00	\$1171.80	\$1106.70	\$1041.60	\$1.00
17	\$1249.50	\$1124.55	\$1062.08	\$999.60	\$1.00
18	\$1233.75	\$1110.38	\$1048.69	\$987.00	\$1.00
19	\$1207.50	\$1086.75	\$1026.38	\$966.00	\$1.00
20	\$1197.00	\$1077.30	\$1017.45	\$957.60	\$1.00
21	\$1176.00	\$1058.40	\$999.60	\$940.80	\$1.00
22	\$1160.25	\$1044.23	\$986.21	\$928.20	\$1.00
23	\$1156.05	\$1040.45	\$982.64	\$924.84	\$1.00
24	\$1143.30	\$1028.97	\$971.81	\$914.64	\$1.00
25 and over	\$1155.00	\$1039.50	\$981.75	\$924.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$2301.04	\$2173.20	\$2045.37	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii. Pricing Zone 3

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2934.25	\$2640.83	\$2494.11	\$2347.40	\$1.00
2	\$2774.20	\$2496.78	\$2358.07	\$2219.36	\$1.00
3	\$2560.80	\$2304.72	\$2176.68	\$2048.64	\$1.00
4	\$1925.00	\$1732.50	\$1636.25	\$1540.00	\$1.00
5	\$1815.00	\$1633.50	\$1542.75	\$1452.00	\$1.00
6	\$1705.00	\$1534.50	\$1449.25	\$1364.00	\$1.00
7	\$1595.00	\$1435.50	\$1355.75	\$1276.00	\$1.00
8	\$1485.00	\$1336.50	\$1262.25	\$1188.00	\$1.00
9	\$1430.00	\$1287.00	\$1213.40	\$1144.00	\$1.00
10	\$1375.00	\$1237.50	\$1168.75	\$1100.00	\$1.00
11	\$1320.00	\$1188.00	\$1122.00	\$1056.00	\$1.00
12	\$1199.00	\$1079.10	\$1019.15	\$959.20	\$1.00
13	\$1650.00	\$1485.00	\$1402.50	\$1320.00	\$1.00
14	\$1584.00	\$1425.60	\$1346.40	\$1267.20	\$1.00
15	\$1540.00	\$1386.00	\$1309.00	\$1232.00	\$1.00
16	\$1457.50	\$1311.75	\$1238.88	\$1166.00	\$1.00
17	\$1364.05	\$1227.65	\$1159.44	\$1091.24	\$1.00
18	\$1309.00	\$1178.10	\$1112.65	\$1047.20	\$1.00
19	\$1292.50	\$1163.25	\$1098.63	\$1034.00	\$1.00
20	\$1265.00	\$1138.50	\$1075.25	\$1012.00	\$1.00
21	\$1254.00	\$1128.60	\$1065.90	\$1003.20	\$1.00
22	\$1232.00	\$1108.80	\$1047.20	\$985.60	\$1.00
23	\$1215.00	\$1093.50	\$1032.75	\$972.00	\$1.00
24	\$1211.10	\$1089.99	\$1029.44	\$968.88	\$1.00
25 and over	\$1210.00	\$1089.00	\$1028.50	\$968.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$2410.61	\$2276.69	\$2142.77	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

i. Base Rates - Pricing Zone 1

Number of DS3 CTs	Monthly Rates	NRC
1	\$2667.50	\$1.00
2	\$2552.00	\$1.00
3	\$2328.00	\$1.00
4	\$1750.00	\$1.00
5	\$1650.00	\$1.00
6	\$1550.00	\$1.00
7	\$1450.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1500.00	\$1.00
14	\$1440.00	\$1.00
15	\$1400.00	\$1.00
16	\$1325.00	\$1.00
17	\$1240.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$1.00



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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

v. Base Rates - Pricing Zone 2

Number of DS3 CTs	Monthly Rates	NRC
1	\$2800.88	\$1.00
2	\$2648.10	\$1.00
3	\$2520.00	\$1.00
4	\$1837.50	\$1.00
5	\$1732.50	\$1.00
6	\$1627.50	\$1.00
7	\$1522.50	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1144.00	\$1.00
12	\$1575.00	\$1.00
13	\$1512.00	\$1.00
14	\$1470.00	\$1.00
15	\$1391.25	\$1.00
16	\$1302.00	\$1.00
17	\$1249.50	\$1.00
18	\$1233.75	\$1.00
19	\$1207.50	\$1.00
20	\$1197.00	\$1.00
21	\$1176.00	\$1.00
22	\$1160.25	\$1.00
23	\$1156.05	\$1.00
24	\$1143.30	\$1.00
25 and over	\$1155.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$1.00

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

.3 DS3 High Capacity Service - Electrical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

vi. Base Rates - Pricing Zone 3

Number of DS3 CTs	Monthly	NRC
1	\$2934.25	\$1.00
2	\$2774.20	\$1.00
3	\$2560.80	\$1.00
4	\$1925.00	\$1.00
5	\$1815.00	\$1.00
6	\$1705.00	\$1.00
7	\$1595.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1650.00	\$1.00
14	\$1584.00	\$1.00
15	\$1540.00	\$1.00
16	\$1457.50	\$1.00
17	\$1364.05	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$1.00

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**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts

i. 135 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

iv. 135 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

iv. 405 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

vi. 560 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132),

i. 135 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132) (Cont'd.)

ii. 135 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132) (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132) (Cont'd.)

iv. 405 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132) (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical

b. New York / Connecticut (LATA 132) (Cont'd.)

vi. 560 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical

c. Maine, New Hampshire, Vermont, Rhode Island  
i. 135 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

ii. 135 Mbps - Base Rates

Number of DS3 CTs	Mo. To Mo.	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2310.00	\$2136.75	\$1963.50	\$1848.00	\$1.00
2	\$2100.00	\$1942.50	\$1785.00	\$1680.00	\$1.00
3	\$1650.00	\$1526.25	\$1402.50	\$1320.00	\$1.00
4	\$1550.00	\$1433.75	\$1317.50	\$1240.00	\$1.00
5	\$1500.00	\$1387.50	\$1275.00	\$1200.00	\$1.00
6	\$1450.00	\$1341.25	\$1232.50	\$1160.00	\$1.00
7	\$1400.00	\$1295.00	\$1190.00	\$1120.00	\$1.00
8	\$1350.00	\$1248.75	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1202.50	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1156.25	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$1008.25	\$926.50	\$872.00	\$1.00
13	\$1260.00	\$1165.50	\$1071.00	\$1008.00	\$1.00
14	\$1240.00	\$1147.00	\$1054.00	\$992.00	\$1.00
15	\$1230.00	\$1137.75	\$1045.50	\$984.00	\$1.00
16	\$1220.00	\$1128.50	\$1037.00	\$976.00	\$1.00
17	\$1200.00	\$1110.00	\$1020.00	\$960.00	\$1.00
18	\$1190.00	\$1100.75	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1086.88	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1063.75	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1054.50	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1036.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$1022.13	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$1018.43	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

iv. 405 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2307.69	\$1.00
2	\$1923.08	\$1.00
3	\$1538.46	\$1.00
4	\$1453.85	\$1.00
5	\$1407.69	\$1.00
6	\$1369.23	\$1.00
7	\$1323.08	\$1.00
8	\$1284.62	\$1.00
9	\$1238.46	\$1.00
10	\$1192.31	\$1.00
11	\$1153.85	\$1.00
12	\$1000.00	\$1.00
13	\$1161.54	\$1.00
14	\$1146.15	\$1.00
15	\$1130.77	\$1.00
16	\$1113.28	\$1.00
17	\$1100.00	\$1.00
18	\$1084.62	\$1.00
19	\$1069.23	\$1.00
20	\$1053.85	\$1.00
21	\$1038.46	\$1.00
22	\$1023.08	\$1.00
23	\$1007.69	\$1.00
24	\$1000.00	\$1.00
25 and over	\$1230.77	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4 DS3 High Capacity Service - Optical

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2307.69	\$2134.61	\$1961.54	\$1846.15	\$1.00
2	\$1923.08	\$1778.85	\$1634.62	\$1538.46	\$1.00
3	\$1538.46	\$1423.08	\$1307.69	\$1230.77	\$1.00
4	\$1453.85	\$1344.81	\$1235.77	\$1163.08	\$1.00
5	\$1407.69	\$1302.11	\$1196.54	\$1126.15	\$1.00
6	\$1369.23	\$1266.54	\$1163.85	\$1095.38	\$1.00
7	\$1323.08	\$1223.85	\$1124.62	\$1058.46	\$1.00
8	\$1284.62	\$1188.27	\$1091.93	\$1027.70	\$1.00
9	\$1238.46	\$1145.58	\$1052.69	\$990.77	\$1.00
10	\$1192.31	\$1102.89	\$1013.46	\$953.85	\$1.00
11	\$1153.85	\$1067.31	\$980.77	\$923.08	\$1.00
12	\$1000.00	\$925.00	\$850.00	\$800.00	\$1.00
13	\$1161.54	\$1074.42	\$987.31	\$929.23	\$1.00
14	\$1146.15	\$1060.19	\$973.23	\$916.92	\$1.00
15	\$1130.77	\$1045.96	\$961.15	\$904.62	\$1.00
16	\$1113.28	\$1031.73	\$948.07	\$892.30	\$1.00
17	\$1100.00	\$1017.50	\$935.00	\$880.00	\$1.00
18	\$1084.62	\$1003.27	\$921.93	\$867.70	\$1.00
19	\$1069.23	\$989.04	\$908.85	\$855.38	\$1.00
20	\$1053.85	\$974.81	\$895.77	\$843.08	\$1.00
21	\$1038.46	\$960.58	\$882.69	\$830.77	\$1.00
22	\$1023.08	\$946.35	\$869.62	\$818.46	\$1.00
23	\$1007.69	\$932.11	\$856.54	\$806.15	\$1.00
24	\$1000.00	\$925.00	\$850.00	\$800.00	\$1.00
25 and over	\$1230.77	\$1138.46	\$1046.15	\$984.62	\$1.00
2 <sup>nd</sup> Premises, per CT	\$1700.96	\$1573.39	\$1445.82	\$1360.77	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

vi. 560 Mbps - Base Rates

\*

CT	Base Rates	NRC
1	\$2307.69	\$1.00
2	\$1923.08	\$1.00
3	\$1538.46	\$1.00
4	\$1453.85	\$1.00
5	\$1407.69	\$1.00
6	\$1369.23	\$1.00
7	\$1323.08	\$1.00
8	\$1284.62	\$1.00
9	\$1238.46	\$1.00
10	\$1192.31	\$1.00
11	\$1153.85	\$1.00
12	\$1000.00	\$1.00
13	\$1161.54	\$1.00
14	\$1146.15	\$1.00
15	\$1130.77	\$1.00
16	\$1113.28	\$1.00
17	\$1100.00	\$1.00
18	\$1084.62	\$1.00
19	\$1069.23	\$1.00
20	\$1053.85	\$1.00
21	\$1038.46	\$1.00
22	\$1023.08	\$1.00
23	\$1007.69	\$1.00
24	\$1000.00	\$1.00
25 and over	\$1230.77	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4. DS3 High Capacity Service - Optical

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia,

i. Pricing Zone 1

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2667.50	\$2400.75	\$2267.38	\$2134.00	\$1.00
2	\$2552.00	\$2296.80	\$2169.20	\$2041.60	\$1.00
3	\$2328.00	\$2095.20	\$1978.80	\$1862.40	\$1.00
4	\$1750.00	\$1575.00	\$1487.50	\$1400.00	\$1.00
5	\$1650.00	\$1485.00	\$1402.50	\$1320.00	\$1.00
6	\$1550.00	\$1395.00	\$1317.50	\$1240.00	\$1.00
7	\$1450.00	\$1305.00	\$1232.50	\$1160.00	\$1.00
8	\$1350.00	\$1215.00	\$1147.50	\$1080.00	\$1.00
9	\$1300.00	\$1170.00	\$1105.00	\$1040.00	\$1.00
10	\$1250.00	\$1125.00	\$1062.50	\$1000.00	\$1.00
11	\$1200.00	\$1080.00	\$1020.00	\$960.00	\$1.00
12	\$1090.00	\$981.00	\$926.50	\$872.00	\$1.00
13	\$1500.00	\$1350.00	\$1275.00	\$1200.00	\$1.00
14	\$1440.00	\$1296.00	\$1224.00	\$1152.00	\$1.00
15	\$1400.00	\$1260.00	\$1190.00	\$1120.00	\$1.00
16	\$1325.00	\$1192.50	\$1126.25	\$1060.00	\$1.00
17	\$1240.00	\$116.00	\$1054.00	\$992.00	\$1.00
18	\$1190.00	\$1071.00	\$1011.50	\$952.00	\$1.00
19	\$1175.00	\$1057.50	\$998.75	\$940.00	\$1.00
20	\$1150.00	\$1035.00	\$977.50	\$920.00	\$1.00
21	\$1140.00	\$1026.00	\$969.00	\$912.00	\$1.00
22	\$1120.00	\$1008.00	\$952.00	\$896.00	\$1.00
23	\$1105.00	\$994.50	\$939.25	\$884.00	\$1.00
24	\$1101.00	\$990.90	\$935.85	\$880.80	\$1.00
25 and over	\$1100.00	\$990.00	\$935.00	\$880.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$2191.46	\$2069.72	\$1947.97	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

i. Pricing Zone 2

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2800.88	\$2520.79	\$2380.75	\$2240.70	\$1.00
2	\$2648.10	\$2383.29	\$2250.89	\$2118.48	\$1.00
3	\$2444.40	\$2199.96	\$2077.74	\$1955.52	\$1.00
4	\$1837.50	\$1653.75	\$1561.88	\$1470.00	\$1.00
5	\$1732.50	\$1559.25	\$1472.63	\$1386.00	\$1.00
6	\$1627.50	\$1464.75	\$1383.38	\$1302.00	\$1.00
7	\$1522.50	\$1370.25	\$1294.13	\$1218.00	\$1.00
8	\$1417.50	\$1275.75	\$1204.88	\$1134.00	\$1.00
9	\$1365.00	\$1228.50	\$1160.25	\$1092.00	\$1.00
10	\$1312.50	\$1181.25	\$1115.63	\$1050.00	\$1.00
11	\$1144.00	\$1029.60	\$972.40	\$915.20	\$1.00
12	\$1575.00	\$1417.50	\$1338.75	\$1260.00	\$1.00
13	\$1512.00	\$1360.80	\$1285.20	\$1209.60	\$1.00
14	\$1470.00	\$1323.00	\$1249.50	\$1176.00	\$1.00
15	\$1391.25	\$1252.13	\$1182.56	\$1113.00	\$1.00
16	\$1302.00	\$1171.80	\$1106.70	\$1041.60	\$1.00
17	\$1249.50	\$1124.55	\$1062.08	\$999.60	\$1.00
18	\$1233.75	\$1110.38	\$1048.69	\$987.00	\$1.00
19	\$1207.50	\$1086.75	\$1026.38	\$966.00	\$1.00
20	\$1197.00	\$1077.30	\$1017.45	\$957.60	\$1.00
21	\$1176.00	\$1058.40	\$999.60	\$940.80	\$1.00
22	\$1160.25	\$1044.23	\$986.21	\$928.20	\$1.00
23	\$1156.05	\$1040.45	\$982.64	\$924.84	\$1.00
24	\$1143.30	\$1028.97	\$971.81	\$914.64	\$1.00
25 and over	\$1155.00	\$1039.50	\$1028.50	\$924.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2446.71	\$2301.04	\$2173.20	\$2045.37	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical (Cont'd.)

e. New Jersey, Maryland, District of Columbia

Delaware, Pennsylvania, Virginia (Cont'd.)

i. Pricing Zone 3

CT	Mo. To Mo.	12 Month	24 Month	36 Month	NRC
1	\$2934.25	\$2640.83	\$2494.11	\$2347.40	\$1.00
2	\$2774.20	\$2496.78	\$2358.07	\$2219.36	\$1.00
3	\$2560.80	\$2304.72	\$2176.68	\$2048.64	\$1.00
4	\$1925.00	\$1732.50	\$1636.25	\$1540.00	\$1.00
5	\$1815.00	\$1633.50	\$1542.75	\$1452.00	\$1.00
6	\$1705.00	\$1534.50	\$1449.25	\$1364.00	\$1.00
7	\$1595.00	\$1435.50	\$1355.75	\$1276.00	\$1.00
8	\$1485.00	\$1336.50	\$1262.25	\$1188.00	\$1.00
9	\$1430.00	\$1287.00	\$1213.40	\$1144.00	\$1.00
10	\$1375.00	\$1237.50	\$1168.75	\$1100.00	\$1.00
11	\$1320.00	\$1188.00	\$1122.00	\$1056.00	\$1.00
12	\$1199.00	\$1079.10	\$1019.15	\$959.20	\$1.00
13	\$1650.00	\$1485.00	\$1402.50	\$1320.00	\$1.00
14	\$1584.00	\$1425.60	\$1346.40	\$1267.20	\$1.00
15	\$1540.00	\$1386.00	\$1309.00	\$1232.00	\$1.00
16	\$1457.50	\$1311.75	\$1238.88	\$1166.00	\$1.00
17	\$1364.05	\$1227.65	\$1159.44	\$1091.24	\$1.00
18	\$1309.00	\$1178.10	\$1112.65	\$1047.20	\$1.00
19	\$1292.50	\$1163.25	\$1098.63	\$1034.00	\$1.00
20	\$1265.00	\$1138.50	\$1075.25	\$1012.00	\$1.00
21	\$1254.00	\$1128.60	\$1065.90	\$1003.20	\$1.00
22	\$1232.00	\$1108.80	\$1047.20	\$985.60	\$1.00
23	\$1215.00	\$1093.50	\$1032.75	\$972.00	\$1.00
24	\$1211.10	\$1089.99	\$1029.44	\$968.88	\$1.00
25 and over	\$1210.00	\$1089.00	\$1028.50	\$968.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$2410.61	\$2276.69	\$2142.77	\$1089.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical (Cont'd.)

e. New Jersey, Maryland, District of Columbia

Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Base Rates - Pricing Zone 1

Number of DS 3 CTs	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2667.50	\$1.00
2	\$2552.00	\$1.00
3	\$2328.00	\$1.00
4	\$1750.00	\$1.00
5	\$1650.00	\$1.00
6	\$1550.00	\$1.00
7	\$1450.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1500.00	\$1.00
14	\$1440.00	\$1.00
15	\$1400.00	\$1.00
16	\$1325.00	\$1.00
17	\$1240.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

.4 DS3 High Capacity Service - Optical (Cont'd.)

e. New Jersey, Maryland, District of Columbia

Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Base Rates - Pricing Zone 2

Number of DS 3 CTs	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2800.88	\$1.00
2	\$2648.10	\$1.00
3	\$2444.40	\$1.00
4	\$1837.50	\$1.00
5	\$1732.50	\$1.00
6	\$1627.50	\$1.00
7	\$1522.50	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1144.00	\$1.00
12	\$1575.00	\$1.00
13	\$1512.00	\$1.00
14	\$1470.00	\$1.00
15	\$1391.25	\$1.00
16	\$1302.00	\$1.00
17	\$1249.50	\$1.00
18	\$1233.75	\$1.00
19	\$1207.50	\$1.00
20	\$1197.00	\$1.00
21	\$1176.00	\$1.00
22	\$1160.25	\$1.00
23	\$1156.05	\$1.00
24	\$1143.30	\$1.00
25 and over	\$1039.50	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2301.04	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

4. DS3 High Capacity Service - Optical (Cont'd.)

e. New Jersey, Maryland, District of Columbia

Delaware, Pennsylvania, Virginia (Cont'd.)

iii Base Rates - Pricing Zone 3

Number of DS 3 CTs	Monthly Rates, per DS3 CT	Nonrecurring Charge
1	\$2934.25	\$1.00
2	\$2774.20	\$1.00
3	\$2560.80	\$1.00
4	\$1925.00	\$1.00
5	\$1815.00	\$1.00
6	\$1705.00	\$1.00
7	\$1595.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1650.00	\$1.00
14	\$1584.00	\$1.00
15	\$1540.00	\$1.00
16	\$1457.50	\$1.00
17	\$1364.05	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage  
- per channel

1. 1.544 Mbps Service High Capacity Service

a. Massachusetts

i. Fixed Monthly Rates

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00

ii. Per Mile

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

a. New York / Connecticut, LATA 132

i. Fixed Monthly Rates

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00

ii. Per Mile

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90

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**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
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**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

c. Maine, New Hampshire, Rhode Island, Vermont,

i. Monthly Rates, fixed

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

d. Connecticut (LATA #920)

	i Mileage Bands	Fixed Monthly Rates		
		Month to Month	12 Month	24 Month
Zone 1	0 miles	None		
	Over 0 miles	\$70.00	\$64.75	\$63.007
Zone 2	0 miles	None		
	Over 0 miles	\$80.00	\$74.00	\$72.00
Zone 3	0 miles	None		
	Over 0 miles	\$85.00	\$78.63	\$76.50
Grandfathered OPP	0 miles			
	Over miles	\$76.90	--	--
ii. Monthly Rates, per mile				
Zone 1	0 miles	None		
	Over 0 miles	\$17.50	\$16.19	\$15.75
Zone 2	0 miles	None		
	Over 0 miles	\$19.50	\$18.04	\$17.55
Zone 3	0 miles	None		
	Over 0 miles	\$22.00	\$20.77	\$19.80
Grandfathered OPP	0 miles			
	Over miles	\$18.60		

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia, Delaware,  
Pennsylvania, Virginia

i. Monthly Rates, fixed

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$55.00	\$50.88	\$46.75	\$44.00

ii. Per Mile

		Monthly	Variable Term Payment Plan		
Pricing Zone	Mileage	Rates	12 Month	24 Month	36 Month
Pricing Zone 1	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 2	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90
Pricing Zone 3	0 Miles	None			
	Over 0 Miles	\$27.37	\$25.32	\$23.26	\$21.90

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

i) Fixed Monthly Rates

Mileage Month to			12 Month	24Month	36Month
Bands	Month				
Zone 1			0 miles	None	
Over 0 miles	\$41.66		\$41.24	\$34.37	\$34.38
Zone 2			0 miles	None	
Over 0 miles	\$41.66		\$41.24	\$34.37	\$34.38
Zone 3			0 miles	None	
Over 0 miles	\$41.66		\$41.24	\$34.37	\$34.38

ii. Monthly Rates, per mile

Zone 1			0 miles	None	
Over 0 miles	\$21.40		\$16.05	\$12.84	\$12.84
Zone 2			0 miles	None	
Over 0 miles	\$21.40		\$16.05	\$12.84	\$12.84
Zone 3			0 miles	None	
Over 0 miles	\$21.40		\$16.05	\$12.84	\$12.84

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1. 1.544 Mbps Service High Capacity Service (Cont'd.)

f. Mid-link \*

	Nonrecurring Charge
Massachusetts	
Zone 1	\$150.00
Zone 2	\$150.00
Zone 3	\$150.00
New York/Connecticut (LATA # 132)	
Zone 1	\$150.00
Zone 2	\$150.00
Zone 3	\$150.00
Maine, New Hampshire Rhode Island, Vermont	\$150.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1. 1.544 Mbps Service High Capacity Service (Cont'd.)

g. ThruPath Connection \*

Nonrecurring Charge

Massachusetts

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

New York/Connecticut (LATA # 132)

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

Maine, New Hampshire

Rhode Island, Vermont \$182.00

\* - available only in Bell Atlantic North Territory

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

2. 3.152 Mbps

a. All jurisdictions

Mileage Bands	Monthly Rates	
	Fixed	Per Mile
0	None	None
Over 0 to 4 Miles	ICB	ICB
Over 4 to 8 Miles	ICB	ICB
Over 8 to 25 Miles	ICB	ICB
Over 25 to 50 Miles	ICB	ICB
Over 50 Miles	ICB	ICB

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3. 44.736 Mbps High Capacity Service

a. Massachusetts

i. Fixed Monthly Charges

			Mileage Bands	Mo. to Mo.	Variable Term Payment Plan		
					12 Mo.	24 Mo.	36 Mo
Zone 1	0 miles	None					
	Over 0 miles			\$825.00	\$763.13	\$701.25	\$660.00
Zone 2	0 miles	None					
	Over 0 miles			\$825.00	\$763.13	\$701.25	\$660.00
Zone 3	0 miles	None					
	Over 0 miles			\$825.00	\$763.13	\$701.25	\$660.00

ii. Monthly Rates, per mile

Zone 1	0 miles	None					
	Over 0 miles			\$153.03	\$141.55	\$130.08	\$122.42
Zone 2	0 miles	None					
	Over 0 miles			\$153.03	\$141.55	\$130.08	\$122.42
Zone 3	0 miles	None					
	Over 0 miles			\$153.03	\$141.55	\$130.08	\$122.42

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

a. Massachusetts (Cont'd.)

iii. Fixed Monthly Charges - Base Rates

		Mileage Bands	Mo. to Mo.
Zone 1	0 miles	None	None
	Over 0 miles		\$825.00
Zone 2	0 miles		None
	Over 0 miles		\$825.00
Zone 3	0 miles	None	None
	Over 0 miles		\$825.00

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None	None
	Over 0 miles		\$153.03
Zone 2	0 miles		None
	Over 0 miles		\$153.03
Zone 3	0 miles	None	None
	Over 0 miles		\$153.03

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Fixed		Monthly		Charges
Mileage Bands	Mo. to Mo.	Variable Term Payment Plan		
		12 Mo.	24 Mo.	36 Mo
Zone 1				
0 miles	None			
Over 0 miles	\$825.00	\$763.13	\$701.25	\$660.00
Zone 2				
0 miles	None			
Over 0 miles	\$825.00	\$763.13	\$701.25	\$660.00
Zone 3				
0 miles	None			
Over 0 miles	\$825.00	\$763.13	\$701.25	\$660.00

ii. Monthly Rates, per mile

Zone 1				
0 miles	None			
Over 0 miles	\$153.03	\$141.55	\$130.08	\$122.42
Zone 2				
0 miles	None			
Over 0 miles	\$153.03	\$141.55	\$130.08	\$122.42
Zone 3				
0 miles	None			
Over 0 miles	\$153.03	\$141.55	\$130.08	\$122.42

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

b. New York / Connecticut (LATA #132) (Cont'd.)

iii Fixed Monthly Charges - Base Rates

	Mileage Bands	Mo. to Mo.
Zone 1	0 miles    None Over 0 miles	\$825.00
Zone 2	0 miles Over 0 miles	None \$825.00
Zone 3	0 miles    None Over 0 miles	\$825.00

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles Over 0 miles	None \$153.03
Zone 2	0 miles Over 0 miles	None \$153.03
Zone 3	0 miles    None Over 0 miles	\$153.03

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. Fixed Monthly Charges

Mileage		Mo. to Payment Plan		Variable	Term
Bands	Mo.	12 Mo.	24 Mo.		36 Mo
0 miles	None				
Over 0 miles	\$825.00	\$763.13	\$701.25		\$660.00

ii. Monthly Rates, per mile

0 miles	None				
Over 0 miles	\$153.03	\$141.55	\$130.08		\$122.42

iii Fixed Monthly Charges - Base Rates

Mileage		Mo. to	
Bands		Mo.	
Zone 1	0 miles	None	
	Over 0 miles	miles	\$825.00

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None
	Over 0 miles	\$153.03

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

d) Connecticut (LATA #920)

i. Fixed Monthly Charges

		Mileage Bands	Month to Month.	12 Mo.	24 Mo.
Zone 1	0 miles	None			
	Over 0 miles		\$800.00	\$720.00	\$640.00
Zone 2	0 miles	None			
	Over 0 miles		\$850.00	\$765.00	\$680.00
Zone 3	0 miles	None			
	Over 0 miles		\$900.00	\$810.00	\$720.00

ii. Monthly Rates, per mile

Zone 1	0 miles	None			
	Over 0 miles		\$100.00	\$90.00	\$80.00
Zone 2	0 miles	None			
	Over 0 miles		\$105.00	\$94.50	\$84.00
Zone 3	0 miles	None			
	Over 0 miles		\$117.00	\$105.30	\$93.60

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

		i.	Fixed Monthly Charges		Variable	Term
		Mileage	Mo. to			
			Payment Plan			
		Bands	Mo.	12 Mo.	24 Mo.	36 Mo
Zone 1	0 miles	None				
	Over 0 miles		\$825.00	\$763.13	\$701.25	\$660.00
Zone 2	0 miles	None				
	Over 0 miles		\$825.00	\$763.13	\$701.25	\$660.00
Zone 3	0 miles	None				
	Over 0 miles		\$825.00	\$763.13	\$701.25	\$660.00

ii. Monthly Rates, per mile

Zone 1	0 miles	None				
	Over 0 miles		\$153.03	\$141.55	\$130.08	\$122.42
Zone 2	0 miles	None				
	Over 0 miles		\$153.03	\$141.55	\$130.08	\$122.42
Zone 3	0 miles	None				
	Over 0 miles		\$153.03	\$141.55	\$130.08	\$122.42

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

.3 44.736 Mbps High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii Fixed Monthly Charges - Base Rates

		Mileage Bands	Mo. to Mo.
Zone 1	0 miles	None	
	Over 0 miles		\$825.00
Zone 2	0 miles		None
	Over 0 miles		\$825.00
Zone 3	0 miles	None	
	Over 0 miles		\$825.00

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None
	Over 0 miles	\$153.03
Zone 2	0 miles	None
	Over 0 miles	\$153.03
Zone 3	0 miles	None
	Over 0 miles	\$153.03

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

f Mid-link \*

Nonrecurring Charge

Massachusetts

Zone 1 \$150.00

Zone 2 \$150.00

Zone 3 \$150.00

New York/Connecticut (LATA # 132)

Zone 1 \$150.00

Zone 2 \$150.00

Zone 3 \$150.00

Maine, New Hampshire

Rhode Island, Vermont \$150.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

g. ThruPath Connection \*

Nonrecurring Charge

Massachusetts

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

New York/Connecticut (LATA # 132)

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

Maine, New Hampshire  
Rhode Island, Vermont

\$182.00

*\* - available only in Bell Atlantic North Territory*

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions

1 Multiplexing

a. Massachusetts

i. DS3 to DS1  
- per arrangement

	Mo. to Mo. Rates	12 Mo.	Variable Term Payment Plan	
			24 Mo.	36 Mo.
Pricing Zone 1	\$686.54	\$635.05	\$583.56	\$549.23
Pricing Zone 2	\$720.87	\$666.87	\$612.74	\$576.70
Pricing Zone 3	\$755.20	\$698.56	\$641.92	\$604.16
ii. DS1 to Voice Grade Service, - per arrangement				

Pricing Zone 1	\$207.00	\$191.48	\$175.95	\$165.60
Pricing Zone 2	\$218.50	\$202.11	\$185.73	\$174.80
Pricing Zone 3	\$230.00	\$212.75	\$195.50	\$184.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

a. Massachusetts (Cont'd.)

iii. DS1 to DS0  
- per arrangement

	Mo. to Mo. Rates	12 Mo.	Variable Term Payment Plan	
			24 Mo.	36 Mo.
Pricing Zone 1	\$207.00	\$191.48	\$175.95	\$165.60
Pricing Zone 2	\$218.50	\$202.11	\$185.73	\$174.80
Pricing Zone 3	\$230.00	\$212.75	\$195.50	\$184.00

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services	\$204.73	\$189.36	\$174.02	\$163.78
Up to Ten 4.8 Kbps services	\$130.52	\$120.73	\$110.94	\$104.42
Up to Five 9.6 Kbps	\$101.46	\$ 93.85	\$ 86.24	\$ 81.17

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

a. Massachusetts (Cont'd.)

v. DS3 to DS1 - Base Rates  
- per arrangement

	Monthly Rates
Pricing Zone 1	\$686.54
Pricing Zone 2	\$720.87
Pricing Zone 3	\$755.20

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

c. New York / Connecticut (LATA #132)

i. DS3 to DS1  
- per arrangement

	Mo. to Mo. Rates	Variable Term Payment Plan		
		12 Mo.	24 Mo.	36 Mo.
Pricing Zone 1	\$686.54	\$635.05	\$583.56	\$549.23
Pricing Zone 2	\$720.87	\$666.87	\$612.74	\$576.70
Pricing Zone 3	\$755.20	\$698.56	\$641.92	\$604.16

ii. DS1 to Voice Grade Service,  
- per arrangement

Pricing Zone 1	\$207.00	\$191.48	\$175.95	\$165.60
Pricing Zone 2	\$218.50	\$202.11	\$185.73	\$174.80
Pricing Zone 3	\$230.00	\$212.75	\$195.50	\$184.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

c. New York / Connecticut (LATA #132)

iii. DS1 to DS0  
- per arrangement

	Mo. to Mo.	Variable Term Payment		
	Rates	12 Mo.	24 Mo.	36 Mo.
Pricing Zone 1	\$207.00	\$191.48	\$175.95	\$165.60
Pricing Zone 2	\$218.50	\$202.11	\$185.73	\$174.80
Pricing Zone 3	\$230.00	\$212.75	\$195.50	\$184.00

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services	\$204.73	\$189.36	\$174.02	\$163.78
Up to Ten 4.8 Kbps services	\$130.52	\$120.73	\$110.94	\$104.42
Up to Five 9.6 Kbps	\$101.46	\$ 93.85	\$ 86.24	\$ 81.17

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

c. New York / Connecticut (LATA #132)

v. DS3 to DS1- Base Rates  
- per arrangement

	Monthly Rates
Pricing Zone 1	\$686.54
Pricing Zone 2	\$720.87
Pricing Zone 3	\$755.20

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1. Multiplexing (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. DS3 to DS1  
- per arrangement

	Mo. to Mo. Rates	12 Mo.	Variable Term Payment Plan	
			24 Mo.	36 Mo.
- per arrangement	\$755.20	\$698.56	\$641.92	\$604.16

ii. DS1 to Voice Grade Service,

- per arrangement	\$230.00	\$212.75	\$195.50	\$184.00
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iii. DS1 to DS0

- per arrangement	\$230.00	\$212.75	\$195.50	\$184.00
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iv. DS0 to Subrates

Up to Twenty 2.4 Kbps services	\$204.73		\$189.36	\$174.02	\$163.78
Up to Ten 4.8 Kbps services	\$130.52	\$120.73	\$110.94	\$104.42	
Up to Five 9.6 Kbps	\$101.46	\$ 93.85	\$ 86.24	\$ 81.17	

v. DS3 to DS1

- per arrangement	\$755.20
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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

f. Connecticut (LATA #920, Southern New England Telephone Company)

Month to

Month

12 Month

24 Month

i. DS3 to DS1

- per arrangement

Pricing Zone 1	\$800.00	\$720.00	\$640.00
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Pricing Zone 2	\$850.00	\$765.00	\$680.00
----------------	----------	----------	----------

Pricing Zone 3	\$900.00	\$810.00	\$720.00
----------------	----------	----------	----------

ii. DS1 to Voice Grade Service,

- per arrangement

Pricing Zone 1	\$205.00
----------------	----------

Pricing Zone 2	\$205.00
----------------	----------

Pricing Zone 3	\$205.00
----------------	----------

iii. DS1 to DS0,

- per arrangement

Pricing Zone 1	\$205.00
----------------	----------

Pricing Zone 2	\$205.00
----------------	----------

Pricing Zone 3	\$205.00
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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

f. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia

		Month to			
		Monthly	12 Month	24 Month	36
		Month			
i.	DS3 to DS1				
	- per arrangement				
	Zone 1	\$686.54	\$460.67	--	--
	Zone 2	\$720.87	\$472.17	--	--
	Zone 3	\$755.20	\$482.57	--	--
ii.	DS1 to Voice Grade Service,				
	- per arrangement			Monthly	
	Pricing Zone 1			\$207.00	
	Pricing Zone 2			\$218.50	
	Pricing Zone 3			\$230.00	

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

f. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia (Cont'd.)

Month to  
Monthly

iii. DS1 to DS0  
- per arrangement

Pricing Zone 1 \$207.00

Pricing Zone 2 \$218.50

Pricing Zone 3 \$230.00

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services \$140.00

Up to Ten 4.8 Kbps services \$110.00

Up to Five 9.6 Kbps \$ 80.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer

a. Massachusetts

	Monthly	Nonrecurring
i. Per first Channel Protected *		Charges
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None
ii. Per additional Channel Protected *		
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer

b. New York / Connecticut (LATA #132)

	Monthly	Nonrecurring Charge
i. Per first Channel Protected *		
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None
ii. Per additional Channel Protected *		
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
i. Per first Channel Protected *	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None
ii. Per additional Channel Protected *	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer (Cont'd.)

d. Connecticut (LATA #920)  
- per arrangement \*

	Monthly	Nonrecurring Charge
Pricing Zone 1	\$261.76	None
Pricing Zone 2	\$261.76	None
Pricing Zone 3	\$261.76 N	one

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

2 Automatic Loop Transfer (Cont'd.)

E. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia \*

	Monthly	Nonrecurring Charge
Pricing Zone 1	\$150.00	None
Pricing Zone 2	\$150.00	None
Pricing Zone 3	\$150.00	None

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

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

2 Automatic Loop Transfer (Cont'd.)

f. Transfer Arrangement +  
(key activated \*\* or dial up \*\*\*)

a. Massachusetts, Maine, New Hampshire  
Vermont, Rhode Island

	Monthly	Nonrecurring Charge
per four port arrangement including control termination *****	ICB	None

b. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia  
- per four port arrangement including  
control termination \*\*\*\*\*

pricing zone 1	\$60.00	None
pricing zone 2	\$60.00	None
pricing zone 3	\$60.00	None

+ Not Available in the New York Telephone and Southern New England Company  
service territory.

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

\*\*\* The Dial-Up option requires the Customer to order the controller arrangement.

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

An additional Channel Mileage charge will also apply when the transfer  
arrangement  
is not located in the Customer designated premises serving wire center.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Clear Channel Capability

a. Massachusetts

per 1.544 Mbps High Capacity Service  
- installed coincident with the initial installation

initial installation	Monthly	Nonrecurring Charge
pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$150.00
pricing zone 2	None	\$150.00
pricing zone 3	None	\$150.00

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4. Clear Channel Capability (Cont'd.)

b. New York / Connecticut (LATA #132)

per 1.544 Mbps High Capacity Service

- installed coincident with the initial installation	Monthly	Nonrecurring Charge
---	---------	------------------------

pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$150.00
pricing zone 2	None	\$150.00
pricing zone 3	None	\$150.00

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4. Clear Channel Capability (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
Installed Coincident with initial installation	None	None
Installed subsequent to the initial installation	None	\$150.00

d. Connecticut (LATA #920)  
per 1.544 Mbps High Capacity Service

- installed coincident with the  
initial installation

pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$250.35
pricing zone 2	None	\$250.35
pricing zone 3	None	\$250.35

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Alternate Serving Wire Center +

a. Massachusetts

		Nonrecurring Charge
i. 1.544Mbps High Capacity Service	Monthly	
pricing zone 1	\$43.75	None
pricing zone 2	\$43.75	None
pricing zone 3	\$43.75	None
ii. 44.736 Mbps High Capacity Service		
pricing zone 1	\$251.00	None
pricing zone 2	\$251.00	None
pricing zone 3	\$251.00	None

B. New York / Connecticut (LATA # 132)

i. 1.544Mbps High Capacity Service		
pricing zone 1	\$43.75	None
pricing zone 2	\$43.75	None
pricing zone 3	\$43.75	None
ii. 44.736 Mbps High Capacity Service		
pricing zone 1	\$251.00	None
pricing zone 2	\$251.00	None
pricing zone 3	\$251.00	None

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Effective: October 1, 2011

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ACCESS SERVICE

---

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Alternate Serving Wire Center + (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
i. 1.544Mbps High Capacity Service	\$43.75	None
ii. 44.736 Mbps High Capacity Service	\$251.00	None

+ Not available in the Southern New England Telephone Company's Service Territory

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Alternate Serving Wire Center + (Cont'd.)

d New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia

	Monthly	Nonrecurring Charge
i. 1.544Mbps High Capacity Service		
pricing zone 1	\$25.00	None
pricing zone 2	\$25.00	None
pricing zone 3	\$25.00	None
ii. 44.736 Mbps High Capacity Service		
pricing zone 1	\$250.00	None
pricing zone 2	\$250.00	None
pricing zone 3	\$250.00	None

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

6 Shared Billing Arrangement

- a. Massachusetts, New York / Connecticut(LATA #132),  
Maine, New Hampshire, Vermont, Rhode Island

	Monthly	Nonrecurring Charge
processing charge, per service order	None	\$26.00

- b. Connecticut (LATA #920)

processing charge, per service order	None	\$56.48
---	------	---------

- c. New Jersey, Delaware, District of Columbia, Maryland,  
Pennsylvania, Virginia

processing charge, per service order	None	\$50.00
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+ Not available in the Southern New England Telephone Company's Service Territory

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7 Enhanced Access Diversity (EAD)

a. Massachusetts

i. Supreme EAD

	Monthly	Nonrecurring Charge
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7. Enhanced Access Diversity (EAD) \* (Cont'd.)

a. Massachusetts (Cont'd.)

ii. Deluxe EAD

1.544 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

44.736 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

iii. Basic EAD

1.544 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7. Enhanced Access Diversity (EAD) \* (Cont'd.)

b. New York / Connecticut (LATA #132)

	Monthly	Nonrecurring Charge
i. Supreme EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
ii. Deluxe EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.6 Special Access Service (Cont'd.)

13.6.3 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

7. Enhanced Access Diversity (EAD) \* (Cont'd.)

b. New York / Connecticut (LATA #132) (Cont'd.)

	Monthly	Nonrecurring Charge
iii. Basic EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

**13.7 Advanced Service**

**13.7.1. Frame Relay Service**

As of February 1, 2003, Rates and Charges in Section 13.7 are no longer available for new installations. Rates and Charges for New installations can be found in Section 14.2.1, following.

**A. UNI Port and Access Connections**

1. Maine, New Hampshire, Vermont, Massachusetts,  
Rhode Island, Connecticut {LATA #132},  
and New York

per port	Mo to Mo.	Variable Term Payment Plan			Nonrecurring
		Rates	12 Mo.	24 Mo.	36 Mo.
		Charge			
- 56 Kbps	\$ 66.99	\$ 63.64	\$ 60.29	\$ 60.29	\$ 1.00
- 128 Kbps	\$ 157.33	\$ 149.46	\$ 141.60	\$ 141.60	\$ 1.00
- 256 Kbps	\$ 268.98	\$ 255.53	\$ 242.08	\$ 242.08	\$ 1.00
- 384 Kbps	\$ 324.80	\$ 308.56	\$ 292.32	\$ 292.32	\$ 1.00
- 512 Kbps	\$ 406.00	\$ 385.73	\$ 365.40	\$ 365.40	\$ 1.00
- 768 Kbps	\$ 543.03	\$ 515.88	\$ 488.73	\$ 488.73	\$ 1.00
- 1.544 Mbps	\$ 654.68	\$ 621.95	\$ 589.21	\$ 556.48	\$ 1.00
- 44.736 Mbps	\$3,500.00	\$3,325.00	\$3,150.00	\$2,975.00	\$ 1.00

Installation NRC when  
ordered Month to Month \* \$335.00

Installation NRC when  
Ordered on a payment plan \* \$1.00

2. Bell Atlantic South's Territory (New Jersey, Maryland, Delaware,  
District of Columbia, Pennsylvania, Virginia.

**a. UNI Access Connections**  
per port

	Monthly	12 Month	24 Month	Nonrecurring
- 56 Kbps	\$ 186.51	\$170.52	\$170.52	\$ 875.00
- 64 Kbps	\$ 186.51	\$170.52	\$170.52	\$ 875.00
- 384Kbps	\$ 367.00	\$336.00	\$336.00	\$1,000.00
- 1.536 Mbps	\$ 463.60	\$426.00	\$426.00	\$1,000.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.7 Advanced Service

13.7.1 Frame Relay Service

As of February 1, 2003, Rates and Charges in Section 13.7 are no longer available for new installations. Rates and Charges for New installations can be found in Section 14.2.1, following.

A. UNI Port and Access Connections

1. Maine, New Hampshire, Vermont, Massachusetts,  
Rhode Island, Connecticut {LATA #132},  
and New York

per port	Mo to Mo.	Variable Term Payment Plan		Nonrecurring	
		Rates	12 Mo.	24 Mo.	36 Mo.
		Charge			
- 56 Kbps	\$ 66.99	\$ 63.64	\$ 60.29	\$ 60.29	\$ 1.00
- 128 Kbps	\$ 157.33	\$ 149.46	\$ 141.60	\$ 141.60	\$ 1.00
- 256 Kbps	\$ 268.98	\$ 255.53	\$ 242.08	\$ 242.08	\$ 1.00
- 384 Kbps	\$ 324.80	\$ 308.56	\$ 292.32	\$ 292.32	\$ 1.00
- 512 Kbps	\$ 406.00	\$ 385.73	\$ 365.40	\$ 365.40	\$ 1.00
- 768 Kbps	\$ 543.03	\$ 515.88	\$ 488.73	\$ 488.73	\$ 1.00
- 1.544 Mbps	\$ 654.68	\$ 621.95	\$ 589.21	\$ 556.48	\$ 1.00
- 44.736 Mbps	\$3,500.00	\$3,325.00	\$3,150.00	\$2,975.00	\$ 1.00

Installation NRC when  
ordered Month to Month \* \$335.00

Installation NRC when  
Ordered on a payment plan \* \$1.00

2. Bell Atlantic South's Territory (New Jersey, Maryland, Delaware,  
District of Columbia, Pennsylvania, Virginia.

a. UNI Access Connections  
per port

	Monthly	12 Month	24 Month	Nonrecurring
- 56 Kbps	\$ 186.51	\$170.52	\$170.52	\$ 875.00
- 64 Kbps	\$ 186.51	\$170.52	\$170.52	\$ 875.00
- 384Kbps	\$ 367.00	\$336.00	\$336.00	\$1,000.00
-1.536 Mbps	\$ 463.60	\$426.00	\$426.00	1,000.00

Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.7 Advanced Service (Cont'd.)

13.7.1. Frame Relay Service (Cont'd.)

A UNI Port and Access Connections (Cont'd.)

2. New Jersey, District of Columbia, Maryland,  
Delaware, Pennsylvania, Virginia (Cont'd.)

b. CIS - UNI Port Connections	Monthly	12 Month	24 Month	Nonrecurring Charges
- 56 Kbps	\$ 60.00	\$ 60.00	\$ 60.00	\$ 230.00
- 64 Kbps	\$ 60.00	\$ 60.00	\$ 60.00	\$ 230.00
- 1.536 Mbps	\$220.00	\$220.00	\$220.00	\$ 275.00
c. NNI Port Connections per port				
- 56 Kbps	\$ 63.95	\$ 63.95	\$ 63.95	\$230.00
- 64 Kbps	\$ 63.95	\$ 63.95	\$ 63.95	\$230.00
- 1.536 Mbps	\$ 234.47	\$ 234.47	\$ 234.47	\$285.00
- 45 Mbps	\$2,877.53	\$2,877.53	\$2,877.53	\$300.00

3. Connecticut (LATA #920)

a. UNI Port Connection per port	Monthly	12 Month	24 Month	Nonrecurring Charges
- 56/64 Kbps	\$ 85.00	\$ 69.70	\$ 68.00	none
- 128 Kbps	\$ 120.00	\$ 104.40	\$ 102.00	none
- 256 Kbps	\$ 220.00	\$ 199.10	\$ 194.70	none
- 384 Kbps	\$ 320.00	\$ 294.40	\$ 291.20	none
- 1.544 Mbps	\$ 495.00	\$ 420.75	\$ 410.85	none
b. NNI Port Connection # per port				
- 1.544 Mbps	\$ 405.00	\$ 344.25	\$ 324.00	none
- 44.736 Mbps	\$2,300.00	\$2,300.00	\$2,620.00	none

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.7 Advanced Service (Cont'd.)

13.7.1. Frame Relay Service (Cont'd.)

B. Permanent Virtual Circuits (PVC.

1. Maine, New Hampshire, Vermont, Massachusetts  
Rhode Island, Connecticut {LATA #132}, and New York

	Monthly	Nonrecurring Charge
Additional Logical Channels *		
per logical channel, per port		
1st through 4th	\$ 8.00	\$ 45.00
5th through 9th	\$ 5.00	\$ 45.00
10th and over	\$ 1.00	\$ 45.00

2. New Jersey, District of Columbia, Maryland,  
Delaware, Pennsylvania, Virginia (Cont'd.)

Additional PVC **	None	\$25.00
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3. Connecticut (LATA #920)

Initial PVC #	\$10.00	None
Additional PVC #	\$10.00	\$50.00
Change of CIR on PVC	n/a	\$50.00

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.7 Advanced Service (Cont'd.)

13.7.1. Frame Relay Service (Cont'd.)

C. Optional UNI Features

1. Maine, New Hampshire, Vermont, Massachusetts Rhode Island,  
Connecticut {LATA #132}, and New York

	Monthly	Nonrecurring Charge
a. Corridor Logical Channels *		
per channel, per port		
- 16 Kbps	\$ 1.00	--
- 28 Kbps	\$ 1.00	--
- 32 Kbps	\$ 1.00	--
- 56 Kbps	\$ 1.00	--
- 64 Kbps	\$ 1.00	--
- 128 Kbps	\$ 1.00	--
- 192 Kbps	\$ 1.00	--
- 256 Kbps	\$ 1.00	--
- 384 Kbps	\$ 1.00	--
- 512 Kbps	\$ 1.00	--
- 768 Kbps	\$ 1.00	--
b. Customer Service		
Management ##	\$ 250.00	\$1,000.00

## Available in New York Telephone Company Service Territory Only

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.7 Advanced Service (Cont'd.)

13.7.1. Frame Relay Service (Cont'd.)

C. Optional UNI Features(Cont'd)

		Monthly	Nonrecurring Charges
2.	Bell Atlantic South's Territory (New Jersey, Maryland, Delaware, District of Columbia, Pennsylvania, Virginia),		
a.	Northern Corridor Option per channel, per port		
	- 16 Kbps	\$ 1.00	--
	- 28 Kbps	\$ 1.00	--
	- 32 Kbps	\$ 1.00	--
	- 56 Kbps	\$ 1.00	--
	- 64 Kbps	\$ 1.00	--
	- 128 Kbps	\$ 1.00	--
	- 192 Kbps	\$ 1.00	--
	- 256 Kbps	\$ 1.00	--
	- 384 Kbps	\$ 1.00	--
	- 512 Kbps	\$ 1.00	--
	- 768 Kbps	\$ 1.00	--
b.	Committed Information Rates		
	- 0/8/16/28/32 Kbps	\$ 5.00	\$12.00
	- 56/64 Kbps	\$ 2.00	\$12.00
	- 128 Kbps	\$ 4.00	\$12.00
	- 192 Kbps	\$ 7.00	\$12.00
	- 256 Kbps	\$ 9.00	\$12.00
	- 384 Kbps	\$12.00	\$12.00
	- 512 Kbps	\$25.00	\$12.00
	- 768 Kbps	\$28.00	\$12.00
	- 2 Mbps	\$50.00	\$12.00
c.	Group Addressing	--	\$35.00
d)	Customer Network Management	\$ 5.00	\$50.00

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

**13.8 Carrier Selection**

	Nonrecurring Charge
Changing PIC to which an end user is pre-subscribed	\$ 5.00
Unauthorized PIC Change The charge for an unauthorized Business or residence service change in pre-subscription	\$23.05
The Charge for a Business / Residence Carrier PIC Switchback change in Pre- subscription	\$ 7.50

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.9 Miscellaneous Services

13.9.1 Directory Assistance

Charge

Rate per activation: \$0.75

13.9.2 Account Codes

Set up fee \$25.00

Monthly Charge \$ 6.50

13.9.3 Travel Card Service

United States to United States \$ 0.1790

United States to Guam \$ 0.645

Guam to United States \$ 1.954

United States to Saipan \$ 0.982

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**SECTION 13- RATES AND CHARGES, (CONT'D)**

13.9 Miscellaneous Services (Cont'd.)

13.9.4 Billing Name and Address Service (BNA)

Service Establishment Charge	\$150.00
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Per Telephone Number by	
- verbal request	\$ 0.58

- Written request	\$ 0.58
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Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES**

**14.1 Special Access Service**

Rates and Charges in Section 14.1 and 14.2, following are no longer available for new Special Access Services and Advance Services established as of December 1, 2004. Customers on an existing term agreement will remain on the existing agreement until such time as the contract expires. New Rates and Charges the above services can be found in Section 15.1 and 15.2

**14.1.1 Digital Data Service II,**

**A. Channel Terminations**  
**- per point of termination - Monthly**

**1. Maine, New Hampshire, Vermont**  
**Massachusetts, Rhode Island**  
**(All speeds)**

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
2 Wire	\$61.36	\$58.29	\$55.22	\$52.16	\$49.09	\$46.02
4 Wire	\$76.38	\$72.56	\$68.74	\$64.92	\$61.10	\$57.29

**2. New York / Connecticut, (LATA # 132, Bell Atlantic**  
**Telephone Company Service Territory),**

AllSpeeds

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
4 Wire	\$76.38	\$72.56	\$68.74	\$64.92	\$61.10	\$57.29

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

A. Channel Terminations  
- per point of termination - Monthly (Cont'd.)

3. Connecticut, (LATA #920, Southern New England  
Telephone Company Service Territory)

	Monthly Charges
2.4 Kbps	\$ 75.00
4.8 Kbps	\$ 75.00
9.6 Kbps	\$ 75.00

	MTM	1 Year	3 Year	5 Year
56k all Zones	\$85.50	\$80.00	\$60.00	\$55.00
64k all Zones	\$90.00	\$80.00	\$60.00	\$55.00

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
2.4k all Zones	\$64.28	\$50.25	\$45.69		\$41.12	
4.8k all Zones	\$73.45	\$59.39	\$54.82		\$45.69	
9.6k all Zones	\$82.63	\$68.53	\$59.39		\$50.25	
19.2k all Zones	\$91.81	\$77.67	\$63.96		\$53.22	
56k all Zones	\$103.38	\$86.80	\$67.84		\$55.36	
64k all Zones	\$110.19	\$95.94	\$77.67		\$63.96	

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

B. Channel Terminations (Cont'd.)  
- per point of termination - Nonrecurring Charges

		Nonrecurring Charges	
		First	Add'l
1.	Maine, New Hampshire, Vermont Massachusetts, Rhode Island		
	2-Wire	\$1.00	\$1.00
	4-Wire - all speeds	\$1.00	\$1.00
2.	New York / Connecticut (LATA #132) - All speeds		
	4 Wire	\$1.00	\$1.00
3.	Connecticut (LATA #920)	Nonrecurring Charges	
	2.4 Kbps	\$ 552.47	
	4.8 Kbps	\$ 552.47	
	9.6 Kbps	\$ 552.47	
	56 Kbps	\$ 578.81	
	64 Kbps	\$ 578.81	
4.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	Nonrecurring Charges	
		First	Additional
	All speeds	\$200.00	\$120.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

C. Channel Mileage

1. Maine, New Hampshire, Vermont  
Massachusetts, Rhode Island

IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	0 Miles						
	Above 0 Miles	\$44.82	\$42.58	\$40.34	\$38.10	\$35.86	\$33.62
Per Mile	0 Miles						
	Above 0 Miles	\$2.81	\$2.67	\$2.53	\$2.39	\$2.25	\$2.11

2. New York / Connecticut  
(LATA # 132)

IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	0 Miles						
	Above 0 Miles	\$44.82	\$42.58	\$40.34	\$38.10	\$35.86	\$33.62
Per Mile	0 Miles						
	Above 0 Miles	\$2.81	\$2.67	\$2.53	\$2.39	\$2.25	\$2.11

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory ),

Monthly

2.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

4.8 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

9.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.55

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory ) (Cont'd.)

FIXED Mileage		MTM	1 Year	3 Year	5 Year
56k all Zones	0 Miles				
	Above 0 Miles	\$40.00	\$25.00	\$15.00	\$10.00
64k all Zones	0 Miles				
	Above 0 Miles	\$40.00	\$25.00	\$15.00	\$10.00

Per Mile		MTM	1 Year	3 Year	5 Year
56k all Zones	0 Miles				
	Above 0 Miles	\$1.55	\$1.00	\$0.80	\$0.70
64k all Zones	0 Miles				
	Above 0 Miles	\$1.55	\$1.00	\$0.80	\$0.70

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
2.4 kbps	Fixed	\$50.12	\$44.89	\$39.90		\$34.91	
	Per Miles	\$1.51	\$1.40	\$1.35		\$1.24	
4.8 kbps	Fixed	\$60.14	\$54.86	\$44.89		\$37.41	
	Per Miles	\$1.61	\$1.50	\$1.44		\$1.30	
9.6 kbps	Fixed	\$70.17	\$64.84	\$49.88		\$39.15	
	Per Miles	\$1.71	\$1.60	\$1.55		\$1.35	
19.2 kbps	Fixed	\$80.19	\$74.81	\$59.85		\$41.65	
	Per Miles	\$1.81	\$1.70	\$1.64		\$1.44	
56 kbps	Fixed	\$90.21	\$84.79	\$69.83		\$44.14	
	Per Miles	\$2.25	\$2.15	\$2.00		\$1.84	
64 knps	Fixed	\$100.23	\$94.76	\$79.80		\$49.88	
	Per Miles	\$2.51	\$2.39	\$2.24		\$2.00	



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

D. Optional Features and Functions

	Monthly	Nonrecurring Charges	
		First	Add'l
1. Bridging, Per port			
a. Maine, New Hampshire Vermont, Massachusetts Rhode Island	\$18.47	None	- - -
b. New York / Connecticut (LATA #132)	\$18.47	None	- - -
c. Connecticut (LATA #920)	\$27.92	None	- - -
d. New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$19.00	None	- - -
2. Secondary Channel Capability - per channel Termination			
a. Maine, New Hampshire Vermont, Massachusetts Rhode Island	\$0.00	None	- - -
b. New York / Connecticut (LATA #132)	\$0.00	None	- - -
c. Connecticut (LATA #920)	\$11.15	\$9.00	\$332.00
d. New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$0.00	None	- - -

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

D. Optional Features and Functions (Cont'd.)

	Monthly	Nonrecurring Charges	
		First	Add'l
3. Service Rearrangement #			
DDS II to DS1 per lower bit rate ervice rearranged		None	\$1.00

# available in Bell Atlantic North Territory only

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.1 Digital Data Service II (Cont'd.)

D. Optional Features and Functions (Cont'd.)

		Monthly	Nonrecurring Charges	
			First	Add'l
4.	Loop Transfer Arrangement (Key activated * or Dial Up **) - per four port arrangement ***			
a.	Connecticut (LATA #920)	ICB	None	- - -
b.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$25.00	None	- - -

# Not available in Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA #132, and New York)

\* The Key Activated Control Channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable

\*\* The Dial Up option requires the Customer to purchase the Controller Arrangement

\*\*\* An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the Customer's premises. Additional Channel Mileage will also apply when the transfer arrangement is not located in Customer premises serving wire center.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations  
- per point of termination

.1 DS1 High Capacity Service, 1.544 Mbps

a. Massachusetts

i. Monthly Rates

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Zone 1	\$206.12	\$175.20	\$154.49	\$144.28	\$133.98	\$123.67
Zone 2	\$228.25	\$194.01	\$171.19	\$159.78	\$148.36	\$136.95
Zone 3	\$242.22	\$205.89	\$181.67	\$169.55	\$157.44	\$145.33

ii. Nonrecurring Charges

	Nonrecurring				
	First	Add'l			
Pricing Zone 1	\$275.00	\$165.00			
Pricing Zone 2	\$275.00	\$165.00			
Pricing Zone 3			\$275.00	\$165.00	
					\$275.00 \$165.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations  
- per point of termination

1. DS1 High Capacity Service, 1.544 Mbps

b. New York / Connecticut (LATA # 132, New York Telephone  
Service Territory)

i. Monthly Rates(Cont'd.)

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Zone 1	\$177.12	\$150.22	\$132.84	\$123.98	\$115.13	\$106.27
Zone 2	\$228.25	\$194.01	\$171.19	\$159.78	\$148.36	\$136.95
Zone 3	\$242.22	\$205.89	\$181.67	\$169.55	\$157.44	\$145.33

ii. Nonrecurring Charges

Nonrecurring  
First Add'l

Pricing Zone 1 \$275.00 \$165.00  
Pricing Zone 2 \$275.00 \$165.00  
Pricing Zone 3

\$275.00 \$165.00

\$275.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations  
- per point of termination

1. DS1 High Capacity Service, 1.544 Mbps

c. Maine, New Hampshire, Vermont  
Rhode Island

i. Monthly Rates (Cont'd.)

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
All Zones	\$242.22	\$105.89	\$181.67	\$169.55	\$157.44	\$145.33

ii. Nonrecurring Charges

Nonrecurring  
First Add'l

All Zones \$275.00\$165.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations  
- per point of termination

1. DS1 High Capacity Service, 1.544 Mbps

d. Connecticut (LATA #920)

i. Monthly Rates (Cont'd.)

	MTM	1 Year	3 Year	5 Year
Zone 1	\$155.00	\$147.25	\$131.75	\$166.25
Zone 2	\$165.00	\$156.75	\$140.25	\$123.75
Zone 3	\$175.00	\$166.25	\$148.75	\$131.25

Grandfathered OPP \$180.00

ii. Nonrecurring Charges

	Nonrecurring	
	First	Add'l
Pricing Zone 1	\$600.00	--
Pricing Zone 2	\$600.00	--
Pricing Zone 3	\$600.00	--
Grandfathered OPP	\$600.00	

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations  
- per point of termination

1. DS1 High Capacity Service, 1.544 Mbps

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Mo
Zone 1	\$198.24	\$175.20	\$154.59		\$133.98	\$123.67	
Zone 2	\$198.24	\$171.19	\$171.19		\$148.36	\$136.95	
Zone 3	\$198.24	\$193.27	\$178.39		\$157.44	\$145.33	

ii. Nonrecurring Charges

	Nonrecurring First	Charges Additional
Pricing Zone 1	\$355.00	\$220.00
Pricing Zone 2	\$355.00	\$220.00
Pricing Zone 3	\$355.00	\$220.00

f. Non-Standard Premise (NSP)  
Connection - Maine, New Hampshire  
Vermont, Massachusetts, Rhode Island  
New York / Connecticut (LATA #132)

Nonrecurring  
\$3,000.00



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

**14.1 Special Access Service (Cont'd.)**

**14.1.2 High Capacity Service**

**A. Channel Terminations - per point of termination, (Cont'd.)**

**2 DS3 High Capacity Service - Electrical,**

**a. Massachusetts**

**i. Pricing Zone 1**

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1366.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.00	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination, (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

ii. Pricing Zone 2

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2425.50	\$2304.23	\$2182.95	\$1819.13	\$1576.58	\$1455.30	\$1455.30	\$1.00
2	\$2205.00	\$2094.75	\$1984.50	\$1653.75	\$1433.25	\$1323.00	\$1323.00	\$1.00
3	\$1732.50	\$1645.88	\$1559.25	\$1299.38	\$1126.13	\$1039.50	\$1039.50	\$1.00
4	\$1627.50	\$1546.13	\$1464.75	\$1220.63	\$1057.88	\$976.50	\$976.50	\$1.00
5	\$1575.50	\$1496.73	\$1417.95	\$1181.63	\$1024.08	\$945.30	\$945.30	\$1.00
6	\$1522.50	\$1446.38	\$1370.25	\$1141.88	\$989.63	\$913.50	\$913.50	\$1.00
7	\$1470.00	\$1396.50	\$1323.00	\$1102.50	\$955.50	\$882.00	\$882.00	\$1.00
8	\$1417.50	\$1346.63	\$1275.75	\$1063.13	\$921.38	\$850.50	\$850.50	\$1.00
9	\$1365.00	\$1296.75	\$1228.50	\$1023.75	\$887.25	\$819.00	\$819.00	\$1.00
10	\$1312.50	\$1246.88	\$1181.25	\$984.38	\$853.13	\$787.50	\$787.50	\$1.00
11	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
12	\$1144.50	\$1087.28	\$1030.05	\$858.35	\$743.93	\$686.70	\$686.70	\$1.00
13	\$1323.00	\$1256.85	\$1190.70	\$992.25	\$859.95	\$793.80	\$793.80	\$1.00
14	\$1302.00	\$1236.90	\$1171.80	\$976.50	\$846.30	\$781.20	\$781.20	\$1.00
15	\$1291.50	\$1226.93	\$1162.35	\$968.63	\$839.48	\$774.90	\$774.90	\$1.00
16	\$1281.00	\$1216.95	\$1152.90	\$960.75	\$832.65	\$768.60	\$768.60	\$1.00
17	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
18	\$1249.50	\$1187.03	\$1124.55	\$937.13	\$812.18	\$749.70	\$749.70	\$1.00
19	\$1233.75	\$1172.06	\$1110.38	\$925.31	\$801.94	\$740.25	\$740.25	\$1.00
20	\$1207.50	\$1147.13	\$1086.75	\$905.63	\$784.88	\$724.50	\$724.50	\$1.00
21	\$1197.00	\$1137.15	\$1077.30	\$897.64	\$778.05	\$718.20	\$718.20	\$1.00
22	\$1176.00	\$1117.20	\$1058.40	\$882.00	\$764.40	\$705.60	\$705.60	\$1.00
23	\$1160.25	\$1102.24	\$1044.23	\$870.19	\$754.16	\$696.15	\$696.15	\$1.00
24	\$1156.05	\$1098.25	\$1040.45	\$867.04	\$751.43	\$693.63	\$693.63	\$1.00
25 and over	\$1155.00	\$1097.25	\$1039.50	\$866.25	\$750.75	\$693.00	\$693.00	\$1.00
2 <sup>nd</sup>	\$1786.01	\$1696.71	\$1607.41	\$1339.51	\$1160.91	\$1071.61	\$1071.61	\$1.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

iii. Pricing Zone 3

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2541.00	\$2413.95	\$2286.90	\$1905.75	\$1651.65	\$1524.60	\$1524.60	\$1.00
2	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
3	\$1815.00	\$1724.25	\$1633.50	\$1361.25	\$1179.75	\$1089.00	\$1089.00	\$1.00
4	\$1705.00	\$1619.75	\$1534.50	\$1278.75	\$1108.25	\$1023.00	\$1023.00	\$1.00
5	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
6	\$1595.00	\$1515.25	\$1435.50	\$1196.25	\$1036.75	\$957.00	\$957.00	\$1.00
7	\$1540.00	\$1463.00	\$1386.00	\$1155.00	\$1001.00	\$924.00	\$924.00	\$1.00
8	\$1485.00	\$1410.75	\$1336.50	\$1113.75	\$965.25	\$891.00	\$891.00	\$1.00
9	\$1430.00	\$1358.50	\$1287.00	\$1072.50	\$929.50	\$858.00	\$858.00	\$1.00
10	\$1375.00	\$1306.25	\$1237.50	\$1031.25	\$893.75	\$825.00	\$825.00	\$1.00
11	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
12	\$1199.00	\$1139.05	\$1079.10	\$899.25	\$779.35	\$719.40	\$719.40	\$1.00
13	\$1386.00	\$1316.70	\$1247.40	\$1039.50	\$900.90	\$831.60	\$831.60	\$1.00
14	\$1364.00	\$1295.80	\$1227.60	\$1023.00	\$886.60	\$818.40	\$818.40	\$1.00
15	\$1353.00	\$1285.35	\$1217.70	\$1014.75	\$879.45	\$811.80	\$811.80	\$1.00
16	\$1342.00	\$1274.90	\$1207.80	\$1006.50	\$872.30	\$805.20	\$805.20	\$1.00
17	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
18	\$1309.00	\$1243.55	\$1178.10	\$981.75	\$850.85	\$785.40	\$785.40	\$1.00
19	\$1292.50	\$1227.88	\$1163.25	\$969.38	\$840.13	\$775.50	\$775.50	\$1.00
20	\$1265.00	\$1201.75	\$1138.50	\$948.75	\$822.25	\$759.00	\$759.00	\$1.00
21	\$1254.00	\$1191.30	\$1128.70	\$940.50	\$815.10	\$752.40	\$752.40	\$1.00
22	\$1232.00	\$1170.40	\$1108.80	\$924.00	\$800.80	\$739.20	\$739.20	\$1.00
23	\$1215.00	\$1154.25	\$1093.50	\$911.25	\$789.75	\$729.00	\$729.00	\$1.00
24	\$1211.10	\$1150.55	\$1089.99	\$908.33	\$787.22	\$726.66	\$726.66	\$1.00
25 and over	\$1210.00	\$1149.50	\$1089.00	\$907.50	\$786.50	\$726.00	\$726.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1777.51	\$1683.95	\$1403.30	\$1216.19	\$1122.64	\$1122.64	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

iv. Base Rates - Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

v. Base Rates - Pricing Zone 2

CT	Base Rates	NRC
1	\$2425.50	\$1.00
2	\$2205.00	\$1.00
3	\$1732.50	\$1.00
4	\$1627.50	\$1.00
5	\$1575.00	\$1.00
6	\$1522.50	\$1.00
7	\$1470.00	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1260.00	\$1.00
12	\$1144.00	\$1.00
13	\$1323.00	\$1.00
14	\$1302.00	\$1.00
15	\$1291.50	\$1.00
16	\$1281.00	\$1.00
17	\$1260.00	\$1.00
18	\$1249.50	\$1.00
19	\$1233.75	\$1.00
20	\$1207.50	\$1.00
21	\$1197.00	\$1.00
22	\$1176.00	\$1.00
23	\$1160.25	\$1.00
24	\$1156.05	\$1.00
25 and over	\$1155.00	\$1.00
Secondary premises, per CT	\$1786.01	\$1.00

Effective: October 1, 2011

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

b. Massachusetts (Cont'd.)

vi. Base Rates - Pricing Zone 3

CT	Base Rates	NRC
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

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**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 635

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

c. New York / Connecticut (LATA #132)

i. Pricing Zone 1

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
Original Page 636

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

c. New York / Connecticut (LATA #132)

ii. Pricing Zone 2

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2425.50	\$2304.23	\$2182.95	\$1819.13	\$1576.58	\$1455.30	\$1455.30	\$1.00
2	\$2205.00	\$2094.75	\$1984.50	\$1653.75	\$1433.25	\$1323.00	\$1323.00	\$1.00
3	\$1732.50	\$1645.88	\$1559.25	\$1299.38	\$1126.13	\$1039.50	\$1039.50	\$1.00
4	\$1627.50	\$1546.13	\$1464.75	\$1220.63	\$1057.88	\$976.50	\$976.50	\$1.00
5	\$1575.50	\$1496.73	\$1417.95	\$1181.63	\$1024.08	\$945.30	\$945.30	\$1.00
6	\$1522.50	\$1446.38	\$1370.25	\$1141.88	\$989.63	\$913.50	\$913.50	\$1.00
7	\$1470.00	\$1396.50	\$1323.00	\$1102.50	\$955.50	\$882.00	\$882.00	\$1.00
8	\$1417.50	\$1346.63	\$1275.75	\$1063.13	\$921.38	\$850.50	\$850.50	\$1.00
9	\$1365.00	\$1296.75	\$1228.50	\$1023.75	\$887.25	\$819.00	\$819.00	\$1.00
10	\$1312.50	\$1246.88	\$1181.25	\$984.38	\$853.13	\$787.50	\$787.50	\$1.00
11	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
12	\$1144.50	\$1087.28	\$1030.05	\$858.35	\$743.93	\$686.70	\$686.70	\$1.00
13	\$1323.00	\$1256.85	\$1190.70	\$992.25	\$859.95	\$793.80	\$793.80	\$1.00
14	\$1302.00	\$1236.90	\$1171.80	\$976.50	\$846.30	\$781.20	\$781.20	\$1.00
15	\$1291.50	\$1226.93	\$1162.35	\$968.63	\$839.48	\$774.90	\$774.90	\$1.00
16	\$1281.00	\$1216.95	\$1152.90	\$960.75	\$832.65	\$768.60	\$768.60	\$1.00
17	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
18	\$1249.50	\$1187.03	\$1124.55	\$937.13	\$812.18	\$749.70	\$749.70	\$1.00
19	\$1233.75	\$1172.06	\$1110.38	\$925.31	\$801.94	\$740.25	\$740.25	\$1.00
20	\$1207.50	\$1147.13	\$1086.75	\$905.63	\$784.88	\$724.50	\$724.50	\$1.00
21	\$1197.00	\$1137.15	\$1077.30	\$897.64	\$778.05	\$718.20	\$718.20	\$1.00
22	\$1176.00	\$1117.20	\$1058.40	\$882.00	\$764.40	\$705.60	\$705.60	\$1.00
23	\$1160.25	\$1102.24	\$1044.23	\$870.19	\$754.16	\$696.15	\$696.15	\$1.00
24	\$1156.05	\$1098.25	\$1040.45	\$867.04	\$751.43	\$693.63	\$693.63	\$1.00
25 and over	\$1155.00	\$1097.25	\$1039.50	\$866.25	\$750.75	\$693.00	\$693.00	\$1.00
2 <sup>nd</sup>	\$1786.01	\$1696.71	\$1607.41	\$1339.51	\$1160.91	\$1071.61	\$1071.61	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

c. New York / Connecticut (LATA #132)

ii. Pricing Zone 3 (Cont'd.)

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2541.00	\$2413.95	\$2286.90	\$1905.75	\$1651.65	\$1524.60	\$1524.60	\$1.00
2	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
3	\$1815.00	\$1724.25	\$1633.50	\$1361.25	\$1179.75	\$1089.00	\$1089.00	\$1.00
4	\$1705.00	\$1619.75	\$1534.50	\$1278.75	\$1108.25	\$1023.00	\$1023.00	\$1.00
5	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
6	\$1595.00	\$1515.25	\$1435.50	\$1196.25	\$1036.75	\$957.00	\$957.00	\$1.00
7	\$1540.00	\$1463.00	\$1386.00	\$1155.00	\$1001.00	\$924.00	\$924.00	\$1.00
8	\$1485.00	\$1410.75	\$1336.50	\$1113.75	\$965.25	\$891.00	\$891.00	\$1.00
9	\$1430.00	\$1358.50	\$1287.00	\$1072.50	\$929.50	\$858.00	\$858.00	\$1.00
10	\$1375.00	\$1306.25	\$1237.50	\$1031.25	\$893.75	\$825.00	\$825.00	\$1.00
11	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
12	\$1199.00	\$1139.05	\$1079.10	\$899.25	\$779.35	\$719.40	\$719.40	\$1.00
13	\$1386.00	\$1316.70	\$1247.40	\$1039.50	\$900.90	\$831.60	\$831.60	\$1.00
14	\$1364.00	\$1295.80	\$1227.60	\$1023.00	\$886.60	\$818.40	\$818.40	\$1.00
15	\$1353.00	\$1285.35	\$1217.70	\$1014.75	\$879.45	\$811.80	\$811.80	\$1.00
16	\$1342.00	\$1274.90	\$1207.80	\$1006.50	\$872.30	\$805.20	\$805.20	\$1.00
17	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
18	\$1309.00	\$1243.55	\$1178.10	\$981.75	\$850.85	\$785.40	\$785.40	\$1.00
19	\$1292.50	\$1227.88	\$1163.25	\$969.38	\$840.13	\$775.50	\$775.50	\$1.00
20	\$1265.00	\$1201.75	\$1138.50	\$948.75	\$822.25	\$759.00	\$759.00	\$1.00
21	\$1254.00	\$1191.30	\$1128.70	\$940.50	\$815.10	\$752.40	\$752.40	\$1.00
22	\$1232.00	\$1170.40	\$1108.80	\$924.00	\$800.80	\$739.20	\$739.20	\$1.00
23	\$1215.00	\$1154.25	\$1093.50	\$911.25	\$789.75	\$729.00	\$729.00	\$1.00
24	\$1211.10	\$1150.55	\$1089.99	\$908.33	\$787.22	\$726.66	\$726.66	\$1.00
25 and over	\$1210.00	\$1149.50	\$1089.00	\$907.50	\$786.50	\$726.00	\$726.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1777.51	\$1683.95	\$1403.30	\$1216.19	\$1122.64	\$1122.64	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

c. New York / Connecticut (LATA #132)

iii. Base Rates - Pricing Zone 1

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

d. Massachusetts

i. Base Rates - Pricing Zone 2

CT	Base Rates	NRC
1	\$2425.50	\$1.00
2	\$2205.00	\$1.00
3	\$1732.50	\$1.00
4	\$1627.50	\$1.00
5	\$1575.00	\$1.00
6	\$1522.50	\$1.00
7	\$1470.00	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1260.00	\$1.00
12	\$1144.00	\$1.00
13	\$1323.00	\$1.00
14	\$1302.00	\$1.00
15	\$1291.50	\$1.00
16	\$1281.00	\$1.00
17	\$1260.00	\$1.00
18	\$1249.50	\$1.00
19	\$1233.75	\$1.00
20	\$1207.50	\$1.00
21	\$1197.00	\$1.00
22	\$1176.00	\$1.00
23	\$1160.25	\$1.00
24	\$1156.05	\$1.00
25 and over	\$1155.00	\$1.00
Secondary premises, per CT	\$1786.01	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

d. Massachusetts (Cont'd.)

ii. Base Rates - Pricing Zone 3

CT	Base Rates	NRC
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1871.06	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

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1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

FCC Tariff No. 4  
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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

**14.1 Special Access Service (Cont'd.)**

**14.1.2 High Capacity Service**

**A. Channel Terminations - per point of termination (Cont'd.)**

**2 DS3 High Capacity Service - Electrical (Cont'd.)**

**e. Maine, New Hampshire, Vermont, Rhode Island**

**i. All Zones**

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2541.00	\$2413.95	\$2286.90	\$1905.75	\$1651.65	\$1524.60	\$1524.60	\$1.00
2	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
3	\$1815.00	\$1724.25	\$1633.50	\$1361.25	\$1179.75	\$1089.00	\$1089.00	\$1.00
4	\$1705.00	\$1619.75	\$1534.50	\$1278.75	\$1108.25	\$1023.00	\$1023.00	\$1.00
5	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
6	\$1595.00	\$1515.25	\$1435.50	\$1196.25	\$1036.75	\$957.00	\$957.00	\$1.00
7	\$1540.00	\$1463.00	\$1386.00	\$1155.00	\$1001.00	\$924.00	\$924.00	\$1.00
8	\$1485.00	\$1410.75	\$1336.50	\$1113.75	\$965.25	\$891.00	\$891.00	\$1.00
9	\$1430.00	\$1358.50	\$1287.00	\$1072.50	\$929.50	\$858.00	\$858.00	\$1.00
10	\$1375.00	\$1306.25	\$1237.50	\$1031.25	\$893.75	\$825.00	\$825.00	\$1.00
11	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
12	\$1199.00	\$1139.05	\$1079.10	\$899.25	\$779.35	\$719.40	\$719.40	\$1.00
13	\$1386.00	\$1316.70	\$1247.40	\$1039.50	\$900.90	\$831.60	\$831.60	\$1.00
14	\$1364.00	\$1295.80	\$1227.60	\$1023.00	\$886.60	\$818.40	\$818.40	\$1.00
15	\$1353.00	\$1285.35	\$1217.70	\$1014.75	\$879.45	\$811.80	\$811.80	\$1.00
16	\$1342.00	\$1274.90	\$1207.80	\$1006.50	\$872.30	\$805.20	\$805.20	\$1.00
17	\$1320.00	\$1254.00	\$1188.00	\$990.00	\$858.00	\$792.00	\$792.00	\$1.00
18	\$1309.00	\$1243.55	\$1178.10	\$981.75	\$850.85	\$785.40	\$785.40	\$1.00
19	\$1292.50	\$1227.88	\$1163.25	\$969.38	\$840.13	\$775.50	\$775.50	\$1.00
20	\$1265.00	\$1201.75	\$1138.50	\$948.75	\$822.25	\$759.00	\$759.00	\$1.00
21	\$1254.00	\$1191.30	\$1128.70	\$940.50	\$815.10	\$752.40	\$752.40	\$1.00
22	\$1232.00	\$1170.40	\$1108.80	\$924.00	\$800.80	\$739.20	\$739.20	\$1.00
23	\$1215.00	\$1154.25	\$1093.50	\$911.25	\$789.75	\$729.00	\$729.00	\$1.00
24	\$1211.10	\$1150.55	\$1089.99	\$908.33	\$787.22	\$726.66	\$726.66	\$1.00
25 and over	\$1210.00	\$1149.50	\$1089.00	\$907.50	\$786.50	\$726.00	\$726.00	\$1.00
2 <sup>nd</sup>	\$1871.06	\$1777.51	\$1683.95	\$1403.30	\$1216.19	\$1122.64	\$1122.64	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

e. Maine, New Hampshire, Vermont, Rhode Island

ii. Base Rates

CT	Base Rates	NRC
1	\$2541.00	\$1.00
2	\$2310.00	\$1.00
3	\$1815.00	\$1.00
4	\$1705.00	\$1.00
5	\$1650.00	\$1.00
6	\$1595.00	\$1.00
7	\$1540.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1386.00	\$1.00
14	\$1364.00	\$1.00
15	\$1353.00	\$1.00
16	\$1342.00	\$1.00
17	\$1320.00	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
Secondary premises, per CT	\$1871.06	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

f Connecticut (LATA #132)

Zones	Mo. To Mo. Rate	3 Year	5 Year	Nonrecurring
Zone 1	\$2600.00	\$1025.00	\$925.00	\$1000.00
Zone 2	\$2700.00	\$1050.00	\$975.00	\$1000.00
Zone 3	\$2800.00	\$1150.00	\$1000.00	\$1000.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia,

i. Pricing Zone 1

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2667.50	\$2400.75	\$1733.88	\$1.00
2	\$2552.00	\$2296.80	\$1658.80	\$1.00
3	\$2328.00	\$2095.20	\$1513.20	\$1.00
4	\$1750.00	\$1575.00	\$1137.50	\$1.00
5	\$1650.00	\$1485.00	\$1072.50	\$1.00
6	\$1550.00	\$1395.00	\$1007.50	\$1.00
7	\$1450.00	\$1305.00	\$942.50	\$1.00
8	\$1350.00	\$1215.00	\$877.50	\$1.00
9	\$1300.00	\$1170.00	\$845.00	\$1.00
10	\$1250.00	\$1125.00	\$812.50	\$1.00
11	\$1200.00	\$1080.00	\$780.00	\$1.00
12	\$1090.00	\$981.00	\$708.50	\$1.00
13	\$1500.00	\$1350.00	\$975.00	\$1.00
14	\$1440.00	\$1296.00	\$936.00	\$1.00
15	\$1400.00	\$1260.00	\$910.00	\$1.00
16	\$1325.00	\$1192.50	\$861.25	\$1.00
17	\$1240.00	\$116.00	\$806.00	\$1.00
18	\$1190.00	\$1071.00	\$773.50	\$1.00
19	\$1175.00	\$1057.50	\$763.75	\$1.00
20	\$1150.00	\$1035.00	\$747.50	\$1.00
21	\$1140.00	\$1026.00	\$741.00	\$1.00
22	\$1120.00	\$1008.00	\$728.00	\$1.00
23	\$1105.00	\$994.50	\$718.25	\$1.00
24	\$1101.00	\$990.90	\$715.65	\$1.00
25 and over	\$1100.00	\$990.00	\$715.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$2191.46	\$1582.72	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Pricing Zone 2

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2800.88	\$2520.79	\$1820.57	\$1.00
2	\$2648.10	\$2383.29	\$1721.27	\$1.00
3	\$2520.00	\$2268.00	\$1638.00	\$1.00
4	\$1837.50	\$1653.75	\$1194.38	\$1.00
5	\$1732.50	\$1559.25	\$1126.13	\$1.00
6	\$1627.50	\$1464.75	\$1057.88	\$1.00
7	\$1522.50	\$1370.25	\$989.63	\$1.00
8	\$1417.50	\$1275.75	\$921.38	\$1.00
9	\$1365.00	\$1228.50	\$887.25	\$1.00
10	\$1312.50	\$1181.25	\$853.13	\$1.00
11	\$1144.00	\$1029.60	\$743.60	\$1.00
12	\$1575.00	\$1417.50	\$1023.75	\$1.00
13	\$1512.00	\$1360.80	\$982.80	\$1.00
14	\$1470.00	\$1323.00	\$955.50	\$1.00
15	\$1391.25	\$1252.13	\$904.31	\$1.00
16	\$1302.00	\$1171.80	\$835.30	\$1.00
17	\$1249.50	\$1124.55	\$812.18	\$1.00
18	\$1233.75	\$1110.38	\$801.94	\$1.00
19	\$1207.50	\$1086.75	\$784.88	\$1.00
20	\$1197.00	\$1077.30	\$778.05	\$1.00
21	\$1176.00	\$1058.40	\$764.40	\$1.00
22	\$1160.25	\$1044.23	\$754.16	\$1.00
23	\$1156.05	\$1040.45	\$751.13	\$1.00
24	\$1143.30	\$1028.97	\$743.15	\$1.00
25 and over	\$1155.00	\$1039.50	\$750.75	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$2301.04	\$1661.86	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii. Pricing Zone 3

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2934.25	\$2640.83	\$1907.26	\$1.00
2	\$2774.20	\$2496.78	\$1803.23	\$1.00
3	\$2560.80	\$2304.72	\$1664.52	\$1.00
4	\$1925.00	\$1732.50	\$1251.25	\$1.00
5	\$1815.00	\$1633.50	\$1179.75	\$1.00
6	\$1705.00	\$1534.50	\$1108.25	\$1.00
7	\$1595.00	\$1435.50	\$1036.75	\$1.00
8	\$1485.00	\$1336.50	\$965.25	\$1.00
9	\$1430.00	\$1287.00	\$929.50	\$1.00
10	\$1375.00	\$1237.50	\$893.75	\$1.00
11	\$1320.00	\$1188.00	\$858.00	\$1.00
12	\$1199.00	\$1079.10	\$779.35	\$1.00
13	\$1650.00	\$1485.00	\$1072.50	\$1.00
14	\$1584.00	\$1425.60	\$1029.60	\$1.00
15	\$1540.00	\$1386.00	\$1001.00	\$1.00
16	\$1457.50	\$1311.75	\$947.38	\$1.00
17	\$1364.05	\$1227.65	\$886.63	\$1.00
18	\$1309.00	\$1178.10	\$850.85	\$1.00
19	\$1292.50	\$1163.25	\$840.13	\$1.00
20	\$1265.00	\$1138.50	\$822.25	\$1.00
21	\$1254.00	\$1128.60	\$815.10	\$1.00
22	\$1232.00	\$1108.80	\$800.80	\$1.00
23	\$1215.00	\$1093.50	\$789.75	\$1.00
24	\$1211.10	\$1089.99	\$787.22	\$1.00
25 and over	\$1210.00	\$1089.00	\$786.50	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$2410.61	\$1741.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iv. Base Rates - Pricing Zone 1

CT	BASE RATES	NRC
1	\$2667.50	\$1.00
2	\$2532.00	\$1.00
3	\$2328.00	\$1.00
4	\$1750.00	\$1.00
5	\$1650.00	\$1.00
6	\$1550.00	\$1.00
7	\$1450.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1500.00	\$1.00
14	\$1440.00	\$1.00
15	\$1400.00	\$1.00
16	\$1325.00	\$1.00
17	\$1240.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

v. Base Rates - Pricing Zone 2

CT	BASE RATES	NRC
1	\$2800.88	\$1.00
2	\$2648.10	\$1.00
3	\$2520.00	\$1.00
4	\$1837.50	\$1.00
5	\$1732.50	\$1.00
6	\$1627.50	\$1.00
7	\$1522.50	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1144.00	\$1.00
12	\$1575.00	\$1.00
13	\$1512.00	\$1.00
14	\$1470.00	\$1.00
15	\$1391.25	\$1.00
16	\$1302.00	\$1.00
17	\$1249.50	\$1.00
18	\$1233.75	\$1.00
19	\$1207.50	\$1.00
20	\$1197.00	\$1.00
21	\$1176.00	\$1.00
22	\$1160.25	\$1.00
23	\$1156.05	\$1.00
24	\$1143.30	\$1.00
25 and over	\$1155.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service

A. Channel Terminations - per point of termination (Cont'd.)

2 DS3 High Capacity Service - Electrical (Cont'd.)

g. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

vi. Base Rates - Pricing Zone 3

CT	BASE RATES	NRC
1	\$2934.25	\$1.00
2	\$2774.20	\$1.00
3	\$2560.80	\$1.00
4	\$1925.00	\$1.00
5	\$1815.00	\$1.00
6	\$1705.00	\$1.00
7	\$1595.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1650.00	\$1.00
14	\$1584.00	\$1.00
15	\$1540.00	\$1.00
16	\$1457.50	\$1.00
17	\$1364.05	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$1.00

**CTC Communications Corp.  
d/b/a EarthLink Business**

Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
Issued: September 30, 2011

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical

a. Massachusetts

i. 135 Mbps

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.



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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical

a. Massachusetts (Cont'd.)

ii. 135 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical

e. Massachusetts (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.



Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical

a. Massachusetts (Cont'd.)

iv. 405 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

a. Massachusetts (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

a. Massachusetts (Cont'd.)

vi. 560 Mbps - Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132),

i. 135 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132) (Cont'd.)

ii. 135 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132) (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.000	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.



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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132) (Cont'd.)

iv. 405 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132) (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.000	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

b. New York / Connecticut (LATA 132) (Cont'd.)

vi. 560 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. 135 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

ii. 135 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2310.00	\$1.00
2	\$2100.00	\$1.00
3	\$1650.00	\$1.00
4	\$1550.00	\$1.00
5	\$1500.00	\$1.00
6	\$1450.00	\$1.00
7	\$1400.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1260.00	\$1.00
14	\$1240.00	\$1.00
15	\$1230.00	\$1.00
16	\$1220.00	\$1.00
17	\$1200.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 1 and a maximum of 3 channels for the 135 Mbps.

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island, (Cont'd.)

iii. 405 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.





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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

iv. 405 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2307.69	\$1.00
2	\$1923.08	\$1.00
3	\$1538.46	\$1.00
4	\$1453.85	\$1.00
5	\$1407.69	\$1.00
6	\$1369.23	\$1.00
7	\$1323.08	\$1.00
8	\$1284.62	\$1.00
9	\$1238.46	\$1.00
10	\$1192.31	\$1.00
11	\$1153.85	\$1.00
12	\$1000.00	\$1.00
13	\$1161.54	\$1.00
14	\$1146.15	\$1.00
15	\$1130.77	\$1.00
16	\$1113.28	\$1.00
17	\$1100.00	\$1.00
18	\$1084.62	\$1.00
19	\$1069.23	\$1.00
20	\$1053.85	\$1.00
21	\$1038.46	\$1.00
22	\$1023.08	\$1.00
23	\$1007.69	\$1.00
24	\$1000.00	\$1.00
25 and over	\$1230.77	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 9 channels for the 450 Mbps.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

v. 560 Mbps – Rates

CT	Mo. To Mo.	24 to 35 Mo.	36 to 47 Mo.	48 to 59 Mo.	60 to 71 Mo.	84 to 91 Mo.	120 to 131 Mo.	NRC
1	\$2310.00	\$2194.50	\$2079.00	\$1732.50	\$1501.50	\$1386.00	\$1386.00	\$1.00
2	\$2100.00	\$1995.00	\$1890.00	\$1575.00	\$1365.00	\$1260.00	\$1260.00	\$1.00
3	\$1650.00	\$1567.50	\$1485.00	\$1237.50	\$1072.50	\$990.00	\$990.00	\$1.00
4	\$1550.00	\$1472.50	\$1395.00	\$1162.50	\$1007.50	\$930.00	\$930.00	\$1.00
5	\$1500.00	\$1425.00	\$1350.00	\$1125.00	\$975.00	\$900.00	\$900.00	\$1.00
6	\$1450.00	\$1377.50	\$1305.00	\$1087.50	\$942.50	\$870.00	\$870.00	\$1.00
7	\$1400.00	\$1330.00	\$1260.00	\$1050.00	\$910.00	\$840.00	\$840.00	\$1.00
8	\$1350.00	\$1282.50	\$1215.00	\$1012.50	\$877.50	\$810.00	\$810.00	\$1.00
9	\$1300.00	\$1235.00	\$1170.00	\$975.00	\$845.00	\$780.00	\$780.00	\$1.00
10	\$1250.00	\$1187.50	\$1125.00	\$937.50	\$812.50	\$750.00	\$750.00	\$1.00
11	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
12	\$1090.00	\$1035.50	\$981.00	\$817.50	\$708.50	\$654.00	\$654.00	\$1.00
13	\$1260.00	\$1197.00	\$1134.00	\$945.00	\$819.00	\$756.00	\$756.00	\$1.00
14	\$1240.00	\$1178.00	\$1116.00	\$930.00	\$806.00	\$744.00	\$744.00	\$1.00
15	\$1230.00	\$1168.50	\$1107.00	\$922.50	\$799.50	\$738.00	\$738.00	\$1.00
16	\$1220.00	\$1159.00	\$1098.00	\$915.00	\$793.00	\$732.00	\$732.00	\$1.00
17	\$1200.00	\$1140.00	\$1080.00	\$900.00	\$780.00	\$720.00	\$720.00	\$1.00
18	\$1190.00	\$1130.50	\$1071.00	\$892.50	\$773.50	\$714.00	\$714.00	\$1.00
19	\$1175.00	\$1116.25	\$1057.50	\$881.25	\$763.75	\$705.00	\$705.00	\$1.00
20	\$1150.00	\$1092.50	\$1035.00	\$862.50	\$747.50	\$690.00	\$690.00	\$1.00
21	\$1140.00	\$1083.00	\$1026.00	\$855.00	\$741.00	\$684.00	\$684.00	\$1.00
22	\$1120.00	\$1064.00	\$1008.00	\$840.00	\$728.00	\$672.00	\$672.00	\$1.00
23	\$1105.00	\$1049.75	\$994.50	\$828.75	\$718.25	\$663.00	\$663.00	\$1.00
24	\$1101.00	\$1045.95	\$990.90	\$825.75	\$715.65	\$660.60	\$660.60	\$1.00
25 and over	\$1100.00	\$1045.00	\$990.00	\$825.00	\$715.00	\$660.00	\$660.00	\$1.00
2 <sup>nd</sup>	\$1700.96	\$1615.91	\$1530.86	\$1275.72	\$1105.62	\$1020.58	\$1020.58	\$1.00

\* the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island (Cont'd.)

iv. 560 Mbps - Base Rates

CT	Base Rates	NRC
1	\$2307.69	\$1.00
2	\$1923.08	\$1.00
3	\$1538.46	\$1.00
4	\$1453.85	\$1.00
5	\$1407.69	\$1.00
6	\$1369.23	\$1.00
7	\$1323.08	\$1.00
8	\$1284.62	\$1.00
9	\$1238.46	\$1.00
10	\$1192.31	\$1.00
11	\$1153.85	\$1.00
12	\$1000.00	\$1.00
13	\$1161.54	\$1.00
14	\$1146.15	\$1.00
15	\$1130.77	\$1.00
16	\$1113.28	\$1.00
17	\$1100.00	\$1.00
18	\$1084.62	\$1.00
19	\$1069.23	\$1.00
20	\$1053.85	\$1.00
21	\$1038.46	\$1.00
22	\$1023.08	\$1.00
23	\$1007.69	\$1.00
24	\$1000.00	\$1.00
25 and over	\$1230.77	\$1.00
Secondary premises, per CT	\$1700.96	\$1.00

the customer may order a minimum of 2 and a maximum of 12 channels for the 560 Mbps.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service – Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia,

i. Pricing Zone 1

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2667.50	\$2400.75	\$1733.88	\$1.00
2	\$2552.00	\$2296.80	\$1658.80	\$1.00
3	\$2328.00	\$2095.20	\$1513.20	\$1.00
4	\$1750.00	\$1575.00	\$1137.50	\$1.00
5	\$1650.00	\$1485.00	\$1072.50	\$1.00
6	\$1550.00	\$1395.00	\$1007.50	\$1.00
7	\$1450.00	\$1305.00	\$942.50	\$1.00
8	\$1350.00	\$1215.00	\$877.50	\$1.00
9	\$1300.00	\$1170.00	\$845.00	\$1.00
10	\$1250.00	\$1125.00	\$812.50	\$1.00
11	\$1200.00	\$1080.00	\$780.00	\$1.00
12	\$1090.00	\$981.00	\$708.50	\$1.00
13	\$1500.00	\$1350.00	\$975.00	\$1.00
14	\$1440.00	\$1296.00	\$936.00	\$1.00
15	\$1400.00	\$1260.00	\$910.00	\$1.00
16	\$1325.00	\$1192.50	\$861.25	\$1.00
17	\$1240.00	\$116.00	\$806.00	\$1.00
18	\$1190.00	\$1071.00	\$773.50	\$1.00
19	\$1175.00	\$1057.50	\$763.75	\$1.00
20	\$1150.00	\$1035.00	\$747.50	\$1.00
21	\$1140.00	\$1026.00	\$741.00	\$1.00
22	\$1120.00	\$1008.00	\$728.00	\$1.00
23	\$1105.00	\$994.50	\$718.25	\$1.00
24	\$1101.00	\$990.90	\$715.65	\$1.00
25 and over	\$1100.00	\$990.00	\$715.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$2191.46	\$1582.72	\$1.00

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.) (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

ii. Pricing Zone 2

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2800.88	\$2520.79	\$1820.57	\$1.00
2	\$2648.10	\$2383.29	\$1721.27	\$1.00
3	\$2520.00	\$2268.00	\$1638.00	\$1.00
4	\$1837.50	\$1653.75	\$1194.38	\$1.00
5	\$1732.50	\$1559.25	\$1126.13	\$1.00
6	\$1627.50	\$1464.75	\$1057.88	\$1.00
7	\$1522.50	\$1370.25	\$989.63	\$1.00
8	\$1417.50	\$1275.75	\$921.38	\$1.00
9	\$1365.00	\$1228.50	\$887.25	\$1.00
10	\$1312.50	\$1181.25	\$853.13	\$1.00
11	\$1144.00	\$1029.60	\$743.60	\$1.00
12	\$1575.00	\$1417.50	\$1023.75	\$1.00
13	\$1512.00	\$1360.80	\$982.80	\$1.00
14	\$1470.00	\$1323.00	\$955.50	\$1.00
15	\$1391.25	\$1252.13	\$904.31	\$1.00
16	\$1302.00	\$1171.80	\$835.30	\$1.00
17	\$1249.50	\$1124.55	\$812.18	\$1.00
18	\$1233.75	\$1110.38	\$801.94	\$1.00
19	\$1207.50	\$1086.75	\$784.88	\$1.00
20	\$1197.00	\$1077.30	\$778.05	\$1.00
21	\$1176.00	\$1058.40	\$764.40	\$1.00
22	\$1160.25	\$1044.23	\$754.16	\$1.00
23	\$1156.05	\$1040.45	\$751.13	\$1.00
24	\$1143.30	\$1028.97	\$743.15	\$1.00
25 and over	\$1155.00	\$1039.50	\$750.75	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$2301.04	\$1661.86	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii. Pricing Zone 3

CT	Mo. To Mo.	3 Year	5 Year	NRC
1	\$2934.25	\$2640.83	\$1907.26	\$1.00
2	\$2774.20	\$2496.78	\$1803.23	\$1.00
3	\$2560.80	\$2304.72	\$1664.52	\$1.00
4	\$1925.00	\$1732.50	\$1251.25	\$1.00
5	\$1815.00	\$1633.50	\$1179.75	\$1.00
6	\$1705.00	\$1534.50	\$1108.25	\$1.00
7	\$1595.00	\$1435.50	\$1036.75	\$1.00
8	\$1485.00	\$1336.50	\$965.25	\$1.00
9	\$1430.00	\$1287.00	\$929.50	\$1.00
10	\$1375.00	\$1237.50	\$893.75	\$1.00
11	\$1320.00	\$1188.00	\$858.00	\$1.00
12	\$1199.00	\$1079.10	\$779.35	\$1.00
13	\$1650.00	\$1485.00	\$1072.50	\$1.00
14	\$1584.00	\$1425.60	\$1029.60	\$1.00
15	\$1540.00	\$1386.00	\$1001.00	\$1.00
16	\$1457.50	\$1311.75	\$947.38	\$1.00
17	\$1364.05	\$1227.65	\$886.63	\$1.00
18	\$1309.00	\$1178.10	\$850.85	\$1.00
19	\$1292.50	\$1163.25	\$840.13	\$1.00
20	\$1265.00	\$1138.50	\$822.25	\$1.00
21	\$1254.00	\$1128.60	\$815.10	\$1.00
22	\$1232.00	\$1108.80	\$800.80	\$1.00
23	\$1215.00	\$1093.50	\$789.75	\$1.00
24	\$1211.10	\$1089.99	\$787.22	\$1.00
25 and over	\$1210.00	\$1089.00	\$786.50	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$2410.61	\$1741.00	\$1.00

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iv. Base Rates - Pricing Zone 1

CT	BASE RATES	NRC
1	\$2667.50	\$1.00
2	\$2532.00	\$1.00
3	\$2328.00	\$1.00
4	\$1750.00	\$1.00
5	\$1650.00	\$1.00
6	\$1550.00	\$1.00
7	\$1450.00	\$1.00
8	\$1350.00	\$1.00
9	\$1300.00	\$1.00
10	\$1250.00	\$1.00
11	\$1200.00	\$1.00
12	\$1090.00	\$1.00
13	\$1500.00	\$1.00
14	\$1440.00	\$1.00
15	\$1400.00	\$1.00
16	\$1325.00	\$1.00
17	\$1240.00	\$1.00
18	\$1190.00	\$1.00
19	\$1175.00	\$1.00
20	\$1150.00	\$1.00
21	\$1140.00	\$1.00
22	\$1120.00	\$1.00
23	\$1105.00	\$1.00
24	\$1101.00	\$1.00
25 and over	\$1100.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2434.96	\$1.00



Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

v. Base Rates - Pricing Zone 2

CT	BASE RATES	NRC
1	\$2800.88	\$1.00
2	\$2648.10	\$1.00
3	\$2520.00	\$1.00
4	\$1837.50	\$1.00
5	\$1732.50	\$1.00
6	\$1627.50	\$1.00
7	\$1522.50	\$1.00
8	\$1417.50	\$1.00
9	\$1365.00	\$1.00
10	\$1312.50	\$1.00
11	\$1144.00	\$1.00
12	\$1575.00	\$1.00
13	\$1512.00	\$1.00
14	\$1470.00	\$1.00
15	\$1391.25	\$1.00
16	\$1302.00	\$1.00
17	\$1249.50	\$1.00
18	\$1233.75	\$1.00
19	\$1207.50	\$1.00
20	\$1197.00	\$1.00
21	\$1176.00	\$1.00
22	\$1160.25	\$1.00
23	\$1156.05	\$1.00
24	\$1143.30	\$1.00
25 and over	\$1039.50	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2556.71	\$1.00



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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

A. Channel Terminations - per point of termination (Cont'd.)

3 DS3 High Capacity Service - Optical (Cont'd.)

d. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

vi. Base Rates - Pricing Zone 3

CT	BASE RATES	NRC
1	\$2934.25	\$1.00
2	\$2774.20	\$1.00
3	\$2560.80	\$1.00
4	\$1925.00	\$1.00
5	\$1815.00	\$1.00
6	\$1705.00	\$1.00
7	\$1595.00	\$1.00
8	\$1485.00	\$1.00
9	\$1430.00	\$1.00
10	\$1375.00	\$1.00
11	\$1320.00	\$1.00
12	\$1199.00	\$1.00
13	\$1650.00	\$1.00
14	\$1584.00	\$1.00
15	\$1540.00	\$1.00
16	\$1457.50	\$1.00
17	\$1364.05	\$1.00
18	\$1309.00	\$1.00
19	\$1292.50	\$1.00
20	\$1265.00	\$1.00
21	\$1254.00	\$1.00
22	\$1232.00	\$1.00
23	\$1215.00	\$1.00
24	\$1211.10	\$1.00
25 and over	\$1210.00	\$1.00
2 <sup>nd</sup> Premises, per CT	\$2678.46	\$1.00

## SECTION 14 - RATES AND CHARGES (CONT'D)

### 14.1.2 High Capacity Service (Cont'd.)

.1 1.544 Mbps Service High Capacity Service

i. Fixed Monthly Rates

[illegible][illegible]

## SECTION 14 - RATES AND CHARGES (CONT'D)

#### 14.1.2 High Capacity Service (Cont'd.)

.1 1.544 Mbps Service High Capacity Service (Cont'd.)

b. New York / Connecticut, LATA 132

i. Fixed Monthly Rates

[illegible]

## ii. Per Mile

[illegible]

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

c. Maine, New Hampshire, Rhode Island, Vermont,

i. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	All Zones	0 Miles						
		Over 0 Miles	\$55.00	\$46.75	\$41.25	\$38.50	\$35.75	\$33.00

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	All Zones	0 Miles						
		Over 0 Miles	\$27.37	\$23.26	\$20.53	\$19.16	\$17.79	\$16.42

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**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

d. Connecticut (LATA #920)

i Fixed Monthly Rates

IOC Mileage			MTM	1 Year	3 Year	5 Year
Fixed	Zone 1	0 Miles				
		Over 0 Miles	\$65.00	\$61.75	\$52.25	\$48.75
	Zone 2	0 Miles				
		Over 0 Miles	\$75.00	\$71.25	\$63.75	\$56.25
	Zone 3	0 Miles				
		Over 0 Miles	\$80.00	\$76.00	\$68.00	\$60.00

Grandfathered OPP

0 miles

Over miles \$76.90 -- --

ii. Monthly Rates, per mile

IOC Mileage			MTM	1 Year	3 Year	5 Year
Fixed	Zone 1	0 Miles				
		Over 0 Miles	\$17.00	\$16.15	\$14.45	\$12.75
	Zone 2	0 Miles				
		Over 0 Miles	\$18.00	\$17.10	\$13.20	\$13.50
	Zone 3	0 Miles				
		Over 0 Miles	\$19.00	\$18.05	\$16.15	\$14.25

Grandfathered OPP

0 miles

Over miles \$18.60

Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

i. Fixed Monthly Rates

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$55.00	\$46.75	\$41.25	\$38.50	\$35.75	\$33.00
	Zone 2	0 Miles						
		Over 0 Miles	\$55.00	\$46.75	\$41.25	\$38.50	\$35.75	\$33.00
	Zone 3	0 Miles						
		Over 0 Miles	\$55.00	\$46.75	\$41.25	\$38.50	\$35.75	\$33.00

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$27.37	\$23.26	\$20.53	\$19.16	\$17.79	\$16.42
	Zone 2	0 Miles						
		Over 0 Miles	\$27.37	\$23.26	\$20.53	\$19.16	\$17.79	\$16.42
	Zone 3	0 Miles						
		Over 0 Miles	\$27.37	\$23.26	\$20.53	\$19.16	\$17.79	\$16.42



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ACCESS SERVICE

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

f Mid-link \*

Nonrecurring Charge

Massachusetts

Zone 1

\$150.00

Zone 2

\$150.00

Zone 3

\$150.00

New York/Connecticut (LATA # 132)

Zone 1

\$150.00

Zone 2

\$150.00

Zone 3

\$150.00

Maine, New Hampshire

Rhode Island, Vermont

\$150.00

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Effective: October 1, 2011

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ACCESS SERVICE

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

1 1.544 Mbps Service High Capacity Service (Cont'd.)

g ThruPath Connection \*

Nonrecurring Charge

Massachusetts

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

New York/Connecticut (LATA # 132)

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

Maine, New Hampshire

Rhode Island, Vermont \$182.00

\* - available only in Bell Atlantic North Territory

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Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

2 3.152 Mbps

a. All jurisdictions

Mileage Bands	Monthly Rates	
	Fixed	Per Mile
0	None	None
Over 0 to 4 Miles	ICB	ICB
Over 4 to 8 Miles	ICB	ICB
Over 8 to 25 Miles	ICB	ICB
Over 25 to 50 Miles	ICB	ICB
Over 50 Miles	ICB	ICB

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service

a. Massachusetts

i. Fixed Monthly Rates

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00
	Zone 2	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00
	Zone 3	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82
	Zone 2	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82
	Zone 3	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82

Effective: October 1, 2011

**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

a. Massachusetts (Cont'd.)

iii. Fixed Monthly Charges - Base Rates

		Mileage Bands		Mo. to Mo.
Zone 1	0 miles	None		None
		Over 0	miles	\$825.00
Zone 2	0 miles		None	
		Over 0	miles	\$825.00
Zone 3	0 miles	None		None
		Over 0 miles	\$825.00	

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None	None	
		Over 0	miles	\$153.03
Zone 2	0 miles		None	
		Over 0	miles	\$153.03
Zone 3	0 miles	None	None	
		Over 0	miles	\$153.03
		Over 0	miles	\$153.03

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

b. New York / Connecticut (LATA #132)

i. Fixed Monthly Rates

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00
	Zone 2	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00
	Zone 3	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82
	Zone 2	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82
	Zone 3	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82

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**ACCESS SERVICE**

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

a. Massachusetts (Cont'd.)

iii. Fixed Monthly Charges - Base Rates

		Mileage Bands	Mo. to Mo.	
Zone 1	0 miles	None		None
	Over 0 miles		\$825.00	
Zone 2	0 miles		None	
	Over 0 miles		\$825.00	
Zone 3	0 miles	None		None
	Over 0 miles		\$825.00	

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None		None
	Over 0 miles		\$153.03	
Zone 2	0 miles		None	
	Over 0 miles		\$153.03	
Zone 3	0 miles	None		
	Over 0 miles		\$153.03	

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. Fixed Monthly Rates

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25	\$495.00

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Fixed	Zone 1	0 Miles						
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47	\$91.82

iii Fixed Monthly Charges - Base Rates

	Mileage Bands	Mo. to Mo.
Zone 1	0 miles Over 0 miles	None \$825.00

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles Over 0 miles	None \$153.03
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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

d.. Connecticut (LATA #920)

i. Fixed Monthly Charges

IOC Mileage			MTM	3 Year	5 Year
Fixed	Zone 1	0 Miles			
		Over 0 Miles	\$770.00	\$475.00	\$425.00
	Zone 2	0 Miles			
		Over 0 Miles	\$820.00	\$500.00	\$450.00
	Zone 3	0 Miles			
		Over 0 Miles	\$865.00	\$525.00	\$475.00

ii. Monthly Rates, per mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo
Fixed	Zone 1	0 Miles			
		Over 0 Miles	\$90.00	\$55.00	\$30.00
	Zone 2	0 Miles			
		Over 0 Miles	\$95.00	\$60.00	\$35.00
	Zone 3	0 Miles			
		Over 0 Miles	\$100.00	\$65.00	\$40.00

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Effective: October 1, 2011

**ACCESS SERVICE**

**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

i. Fixed Monthly Charges

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo
Fixed	Zone 1	0 Miles					
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25
	Zone 2	0 Miles					
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25
	Zone 3	0 Miles					
		Over 0 Miles	\$825.00	\$783.75	\$742.50	\$618.75	\$536.25

ii. Per Mile

IOC Mileage			MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo
Fixed	Zone 1	0 Miles					
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47
	Zone 2	0 Miles					
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47
	Zone 3	0 Miles					
		Over 0 Miles	\$153.03	\$145.38	\$137.73	\$114.77	\$99.47

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

e. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia (Cont'd.)

iii Fixed Monthly Charges - Base Rates

		Mileage Bands	Mo. to Mo.	
Zone 1	0 miles	None		None
	Over 0 miles		\$825.00	
Zone 2	0 miles		None	
	Over 0 miles		\$825.00	
Zone 3	0 miles	None		None
	Over 0 miles		\$825.00	

iv. Monthly Rates, per mile - Base Rates

Zone 1	0 miles	None		None
	Over 0 miles		\$153.03	
Zone 2	0 miles		None	
	Over 0 miles		\$153.03	
Zone 3	0 miles	None		None
	Over 0 miles		\$153.03	
	Over 0 miles		\$153.03	

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

f Mid-link \*

Nonrecurring Charge

Massachusetts

Zone 1 \$150.00

Zone 2 \$150.00

Zone 3 \$150.00

New York/Connecticut (LATA # 132)

Zone 1 \$150.00

Zone 2 \$150.00

Zone 3 \$150.00

Maine, New Hampshire

Rhode Island, Vermont \$150.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

B. Channel Mileage (Cont'd.)  
- per channel

3 44.736 Mbps High Capacity Service (Cont'd.)

g ThruPath Connection \*

Nonrecurring Charge

Massachusetts

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

New York/Connecticut (LATA # 132)

Zone 1 \$182.00

Zone 2 \$182.00

Zone 3 \$182.00

Maine, New Hampshire  
Rhode Island, Vermont

\$182.00

*\* - available only in Bell Atlantic North Territory*

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions

1 Multiplexing

a. Massachusetts

i. DS3 to DS1

- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$686.54	\$583.45	\$514.91	\$480.58	\$446.25	\$411.92	\$411.92
Zone 2	\$720.87	\$612.74	\$540.65	\$504.61	\$468.57	\$432.52	\$432.52
Zone 3	\$755.20	\$641.92	\$566.40	\$528.64	\$490.88	\$453.12	\$453.12

ii.

DS1 to Voice Grade Service

- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$219.42	\$208.45	\$164.57	\$153.59	\$142.62	\$131.65	n/a
Zone 2	\$231.61	\$220.03	\$173.71	\$162.13	\$150.55	\$138.97	n/a
Zone 3	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

a. Massachusetts (Cont'd.)

iii. DS1 to DS0

- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$219.42	\$208.45	\$164.57	\$153.59	\$142.62	\$131.65	n/a
Zone 2	\$231.61	\$220.03	\$173.71	\$162.13	\$150.55	\$138.97	n/a
Zone 3	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services \$204.73

Up to Ten 4.8 Kbps services \$130.52

Up to Five 9.6 Kbps \$101.46

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

a. Massachusetts (Cont'd.)

v. DS3 to DS1 - Base Rates  
- per arrangement

	Monthly Rates
Pricing Zone 1	\$686.54
Pricing Zone 2	\$720.87
Pricing Zone 3	\$755.20



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

b. New York / Connecticut (LATA #132)

i. DS3 to DS1

- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$686.54	\$583.45	\$514.91	\$480.58	\$446.25	\$411.92	\$411.92
Zone 2	\$720.87	\$612.74	\$540.65	\$504.61	\$468.57	\$432.52	\$432.52
Zone 3	\$755.20	\$641.92	\$566.40	\$528.64	\$490.88	\$453.12	\$453.12

ii. DS1 to Voice Grade Service  
- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$219.42	\$208.45	\$164.57	\$153.59	\$142.62	\$131.65	n/a
Zone 2	\$231.61	\$220.03	\$173.71	\$162.13	\$150.55	\$138.97	n/a
Zone 3	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.1 Multiplexing (Cont'd.)

b. New York / Connecticut (LATA #132)

iii. DS1 to DS0

- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$219.42	\$208.45	\$164.57	\$153.59	\$142.62	\$131.65	n/a
Zone 2	\$231.61	\$220.03	\$173.71	\$162.13	\$150.55	\$138.97	n/a
Zone 3	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services \$613.23

Up to Ten 4.8 Kbps services \$316.03

Up to Five 9.6 Kbps \$215.71

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.1 Multiplexing (Cont'd.)

b. New York / Connecticut (LATA #132)

v. DS3 to DS1- Base Rates  
- per arrangement

	Monthly Rates
Pricing Zone 1	\$686.54
Pricing Zone 2	\$720.87
Pricing Zone 3	\$755.20

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

i. DS3 to DS1  
- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
All Zones	\$755.20	\$641.92	\$566.40	\$528.64	\$490.88	\$453.12	\$453.12

ii. DS1 to Voice Grade Service  
- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
All Zones	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

iii. DS1 to DS0  
- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
All Zones	\$243.80	\$231.61	\$182.85	\$170.66	\$158.47	\$146.28	n/a

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services	\$204.73	\$189.36	\$174.02	\$163.78
Up to Ten 4.8 Kbps services	\$130.52	\$120.73	\$110.94	\$104.42
Up to Five 9.6 Kbps	\$101.46	\$93.85	\$86.24	\$81.17

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

d. Connecticut (LATA #920, Southern New England Telephone Company)

i. DS3 to DS1  
- per arrangement

Channel Termination		MTM	3 Year	5 Year
	Zone 1	\$790.00	\$475.00	\$450.00
	Zone 2	\$840.00	\$500.00	\$475.00
	Zone 3	\$890.00	\$525.00	\$500.00

ii DS1 to Voice Grade Service  
- per arrangement

Channel Termination		MTM	1 Year	3 Year	5 Year
	Zone 1	\$200.00	\$190.00	\$170.00	\$150.00
	Zone 2	\$200.00	\$190.00	\$170.00	\$150.00
	Zone 3	\$200.00	\$190.00	\$170.00	\$150.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

e. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia

i. DS3 to DS1 Service,  
- per arrangement

Channel Termination		MTM	3 Year	5 Year
	Zone 1	\$686.54	\$617.89	\$514.91
	Zone 2	\$720.87	\$648.78	\$540.65
	Zone 3	\$755.20	\$679.68	\$566.40

iii. DS1 to Voice Grade Service,  
- per arrangement

Channel Termination	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo	120 to 131 Months
Zone 1	\$219.40	\$155.55	\$151.42	n/a	\$146.97	\$142.51	n/a
Zone 2	\$219.40	\$155.55	\$151.42	n/a	\$146.97	\$142.51	n/a
Zone 3	\$219.40	\$155.55	\$151.42	n/a	\$146.97	\$142.51	n/a

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

1 Multiplexing (Cont'd.)

F. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia (Cont'd.)

Month to

Monthly

iii. DS1 to DS0  
- per arrangement

Pricing Zone 1

\$207.00

Pricing Zone 2

\$218.50

Pricing Zone 3

\$230.00

iv. DS0 to Subrates  
- per arrangement

Up to Twenty 2.4 Kbps services

\$140.00

Up to Ten 4.8 Kbps services

\$110.00

Up to Five 9.6 Kbps

\$ 80.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer

a. Massachusetts

	Monthly	Nonrecurring Charges
i. Per first Channel Protected *		
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None
ii. Per additional Channel Protected *		
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer

b New York / Connecticut (LATA #132)

i. Per first Channel Protected \*

	Monthly	Nonrecurring Charge
Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

ii. Per additional Channel Protected \*

Pricing Zone 1	\$550.00	None
Pricing Zone 2	\$550.00	None
Pricing Zone 3	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

2 Automatic Loop Transfer (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
i. Per first Channel Protected *	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None
ii. Per additional Channel Protected *	\$550.00	None
Per First 44.736 Mbps Channel Protected	ICB	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

2 Automatic Loop Transfer (Cont'd.)

d. Connecticut (LATA #920)  
- per arrangement \*

	Monthly	Nonrecurring Charge
Pricing Zone 1	\$261.76	None
Pricing Zone 2	\$261.76	None
Pricing Zone 3	\$261.76	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.2 Automatic Loop Transfer (Cont'd.)

E. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia \*

	Monthly	Nonrecurring Charge
Pricing Zone 1	\$150.00	None
Pricing Zone 2	\$150.00	None
Pricing Zone 3	\$150.00	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

3 Transfer Arrangement +  
(key activated \*\* or dial up \*\*\*)

a. Massachusetts, Maine, New Hampshire  
Vermont, Rhode Island

	Monthly	Nonrecurring Charge
per four port arrangement including control termination *****	ICB	None

b. New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia  
- per four port arrangement including  
control termination \*\*\*\*\*

pricing zone 1	\$60.00	None
pricing zone 2	\$60.00	None
pricing zone 3	\$60.00	None

+ Not Available in the New York Telephone and Southern New England Company  
service territory.

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

\*\*\* The Dial-Up option requires the Customer to order the controller arrangement.

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

An additional Channel Mileage charge will also apply when the transfer  
arrangement  
is not located in the Customer designated premises serving wire center.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Clear Channel Capability

a. Massachusetts

per 1.544 Mbps High Capacity Service

- installed coincident with the initial installation

initial installation	Monthly	Nonrecurring Charge
pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$150.00
pricing zone 2	None	\$150.00
pricing zone 3	None	\$150.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Clear Channel Capability (Cont'd.)

b. New York / Connecticut (LATA #132)

per 1.544 Mbps High Capacity Service

- installed coincident with the initial installation	Monthly	Nonrecurring Charge
---	---------	------------------------

pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$150.00
pricing zone 2	None	\$150.00
pricing zone 3	None	\$150.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Clear Channel Capability (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
Installed Coincident with initial installation	None	None
Installed subsequent to the initial installation	None	\$150.00

d Connecticut (LATA #920)  
per 1.544 Mbps High Capacity Service

- installed coincident with the  
initial installation

pricing zone 1	None	None
pricing zone 2	None	None
pricing zone 3	None	None

- installed subsequent to the  
initial installation

pricing zone 1	None	\$250.35
pricing zone 2	None	\$250.35
pricing zone 3	None	\$250.35

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Alternate Serving Wire Center +

a. Massachusetts

i. 1.544Mbps High Capacity Service	Monthly	Nonrecurring Charge
pricing zone 1	\$43.75	None
pricing zone 2	\$43.75	None
pricing zone 3	\$43.75	None

ii. 44.736 Mbps High Capacity Service

pricing zone 1	\$251.00	None
pricing zone 2	\$251.00	None
pricing zone 3	\$251.00	None

b. New York / Connecticut (LATA # 132)

i. 1.544Mbps High Capacity Service

pricing zone 1	\$43.75	None
pricing zone 2	\$43.75	None
pricing zone 3	\$43.75	None

ii. 44.736 Mbps High Capacity Service

pricing zone 1	\$251.00	None
pricing zone 2	\$251.00	None
pricing zone 3	\$251.00	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Alternate Serving Wire Center + (Cont'd.)

c. Maine, New Hampshire, Vermont  
Rhode Island

	Monthly	Nonrecurring Charge
i. 1.544Mbps High Capacity Service	\$43.75	None
ii. 44.736 Mbps High Capacity Service	\$251.00	None

+ Not available in the Southern New England Telephone Company's Service Territory

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

4 Alternate Serving Wire Center + (Cont'd.)

d New Jersey, Delaware, District of Columbia  
Maryland, Pennsylvania, Virginia

	Monthly	Nonrecurring Charge
i. 1.544Mbps High Capacity Service		
pricing zone 1	\$25.00	None
pricing zone 2	\$25.00	None
pricing zone 3	\$25.00	None
ii. 44.736 Mbps High Capacity Service		
pricing zone 1	\$250.00	None
pricing zone 2	\$250.00	None
pricing zone 3	\$250.00	None

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Shared Billing Arrangement

a.	Massachusetts, New York / Connecticut(LATA #132), Maine, New Hampshire, Vermont, Rhode Island	Monthly	Nonrecurring Charge
		processing charge, per service order	None \$26.00
b.	Connecticut (LATA #920)	Monthly	Nonrecurring Charge
		processing charge, per service order	None \$56.48
c.	New Jersey, Delaware, District of Columbia, Maryland, Pennsylvania, Virginia	Monthly	Nonrecurring Charge
		processing charge, per service order	None \$50.00

+ Not available in the Southern New England Telephone Company's Service Territory

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

5 Enhanced Access Diversity (EAD) \*

a. Massachusetts

i. Supreme EAD

	Monthly	Nonrecurring Charge
a 1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
b 44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.6 Enhanced Access Diversity (EAD) \* (Cont'd.)

a. Massachusetts (Cont'd.)

ii. Deluxe EAD

1.544 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

44.736 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

iii. Basic EAD

. 1.544 Mbps High Capacity

pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.6 Enhanced Access Diversity (EAD) \* (Cont'd.)

b. New York / Connecticut (LATA #132)

	Monthly	Nonrecurring Charge
i. Supreme EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
ii. Deluxe EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

6 Enhanced Access Diversity (EAD) \* (Cont'd.)

b. New York / Connecticut (LATA #132) (Cont'd.)

	Monthly	Nonrecurring Charge
iii. Basic EAD		
1.544 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None
44.736 Mbps High Capacity		
pricing zone 1	\$13.00	None
pricing zone 2	\$13.00	None
pricing zone 3	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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ACCESS SERVICE

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.1 Special Access Service (Cont'd.)

14.1.2 High Capacity Service (Cont'd.)

C. Optional Features and Functions (Cont'd.)

.6 Enhanced Access Diversity (EAD) \* (Cont'd.)

c. Maine, New Hampshire, Vermont, Rhode Island

	Monthly	Nonrecurring Charge
i. Supreme EAD		
1.544 Mbps High Capacity	\$13.00	None
44.736 Mbps High Capacity	\$13.00	None
ii. Deluxe EAD		
1.544 Mbps High Capacity	\$13.00	None
44.736 Mbps High Capacity	\$13.00	None
iii. Basic EAD		
1.544 Mbps High Capacity	\$13.00	None
44.736 Mbps High Capacity	\$13.00	None

\* not available in New Jersey, Delaware, District of Columbia, Maryland and Virginia.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service

14.2.1 Frame Relay Service

In addition to the charges specified below, the general regulations and charges specified in other sections of this tariff may apply. Non recurring charges apply both to installation and to moves, adds and changes; the do not apply to changes in term or volume discount plans where there is no physical change in the service.

A. UNI Port / NNI Connections

1. Maine, New Hampshire, Vermont, Massachusetts,  
Rhode Island, Connecticut {LATA #132},  
and New York

a. UNI Port with Access Line Connection

Bandwidth	MTM	1 Year	3 Year	5 Year	7 Year	NRC
4 Mbps	\$3000.00	\$2850.00	\$2451.23	\$2238.08	n/a	\$1500.00
6 Mbps	\$3450.00	\$3275.00	\$2770.00	\$2557.80	n/a	\$1500.00
10 Mbps	\$3700.00	\$3500.00	\$2900.00	\$2750.00	n/a	\$1500.00
22 Mbps	\$4000.00	\$3800.00	\$3197.25	\$2984.10	n/a	\$1500.00
44.736 Mbps, when customer's normal CO is designated as a FRS DS3 Packet Switch	\$5000.00	n/a	\$4250.00	\$3750.00	\$3500.00	\$650.00
44.736 Mbps, when customer's normal CO is designated as a FRS DS3 Access Point	\$5675.00	n/a	\$4823.75	\$4256.25	\$3972.50	\$650.00
44.746 Mbps, (All other SWCS)	\$6350.00	n/a	\$5397.50	\$4762.50	\$4445.00	\$650.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A. UNI Port / NNI Connections (Cont'd.)

1. (Cont'd.)

b UNI Port Only Connection

Bandwidth	MTM	1 Year	3 Year	5 Year	7 Year	NRC
56 Kbps	\$66.99	N/A	\$60.29	\$53.59	\$50.24	\$1.00
384 Kbps	\$324.80	N/A	\$292.32	\$259.84	\$243.60	\$1.00
1.544 Mbps	\$654.68	N/A	\$556.48	\$491.01	\$458.28	\$1.00
4 Mbps	\$791.00	\$770.00	\$675.00	\$620.00	N/A	\$300.00
6 Mbps	\$830.00	\$810.00	\$700.00	\$660.00	N/A	\$300.00
10 Mbps	\$900.00	\$871.00	\$760.00	\$700.00	N/A	\$300.00
22 Mbps	\$1200.00	\$1160.00	\$1010.00	\$970.00	N/A	\$300.00
44.736 Mbps	N/A	N/A	\$2975.00	\$2625.00	\$2450.00	\$1.00

c. Access Facilities

The Company will procure Access facilities whenever necessary in order to provide service to Customer's premises. The costs will be passed on to the Customer in accordance with the provisions of this tariff.

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**CTC Communications Corp.  
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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A UNI Port / NNI Connections (Cont'd.)

2. Connecticut (LATA #920),

a. UNI Port and Access

MONTHLY CHARGES					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
56 Kbps- Port and Access	\$162.00	\$141.00	\$139.00	\$135.00	\$124.00
64 Kbps – Port and Access	\$162.00	\$141.00	\$139.00	\$135.00	\$124.00
128 Kbps- Port and Access	\$350.00	\$336.00	\$322.00	\$308.00	\$301.00
256 Kbps – Port and Access	\$406.00	\$390.00	\$373.00	\$357.00	\$349.00
384 Kbps – Port and Access	\$426.00	\$410.00	\$391.00	\$375.00	\$366.00
512 Kbps – Port and Access	\$443.00	\$426.00	\$407.00	\$390.00	\$381.00
768 Kbps – Port and Access	\$466.00	\$448.00	\$428.00	\$410.00	\$400.00
1.5 Mbps- Port and Access	\$614.00	\$590.00	\$565.00	\$540.00	\$527.00
40 Mbps – Port and Access	\$5539.00	\$5484.00	\$5111.00	\$5210.00	\$3545.00
NON-RECURRING CHARGE					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
56 Kbps- Port and Access	N/A	\$700.00	\$700.00	\$0.00	\$0.00
64 Kbps – Port and Access	N/A	\$700.00	\$700.00	\$0.00	\$0.00
128 Kbps- Port and Access	N/A	\$800.00	\$800.00	\$0.00	\$0.00
256 Kbps – Port and Access	N/A	\$800.00	\$800.00	\$0.00	\$0.00
384 Kbps – Port and Access	N/A	\$800.00	\$800.00	\$0.00	\$0.00
512 Kbps – Port and Access	N/A	\$800.00	\$800.00	\$0.00	\$0.00
768 Kbps – Port and Access	N/A	\$800.00	\$800.00	\$0.00	\$0.00
1.5 Mbps- Port and Access	N/A	\$850.00	\$850.00	\$0.00	\$0.00
40 Mbps – Port and Access	N/A	\$2250.00	\$2250.00	\$0.00	\$0.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A. UNI Port / NNI Connections (Cont'd.)

2. Connecticut (LATA #920) (Cont'd.)

b NNI Port and Access

MONTHLY					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
1.5 Mbps- Port and Access	\$614.00	\$590.00	\$565.00	\$540.00	\$527.00
40 Mbps – Port and Access	\$5539.00	\$5484.00	\$5111.00	\$5210.00	\$3545.00

NON-RECURRING CHARGE					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
1.5 Mbps- Port and Access	N/A	\$850.00	\$850.00	\$0.00	\$0.00
40 Mbps – Port and Access	N/A	\$2250.00	\$2250.00	\$0.00	\$0.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A. UNI Port / NNI Connections (Cont'd.)

2. Connecticut (LATA #920), (Cont'd.)

g UNI Port Only Connection

MONTHLY CHARGES					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
56 Kbps- Port and Access	\$78.00	\$68.00	\$67.00	\$65.00	\$60.00
64 Kbps – Port and Access	\$78.00	\$68.00	\$67.00	\$65.00	\$60.00
128 Kbps- Port and Access	\$168.00	\$161.00	\$155.00	\$148.00	\$145.00
256 Kbps – Port and Access	\$224.00	\$215.00	\$206.00	\$197.00	\$193.00
384 Kbps – Port and Access	\$244.00	\$235.00	\$224.00	\$215.00	\$210.00
512 Kbps – Port and Access	\$261.00	\$251.00	\$250.00	\$230.00	\$225.00
768 Kbps – Port and Access	\$284.00	\$273.00	\$261.00	\$250.00	\$244.00
1.5 Mbps- Port and Access	\$432.00	\$415.00	\$397.00	\$380.00	\$371.00
40 Mbps – Port and Access	\$3171.00	\$3139.00	\$2790.00	\$2410.00	\$2029.00
NON-RECURRING CHARGE					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
56 Kbps- Port and Access	N/A	\$350.00	\$350.00	\$0.00	\$0.00
64 Kbps – Port and Access	N/A	\$350.00	\$350.00	\$0.00	\$0.00
128 Kbps- Port and Access	N/A	\$400.00	\$400.00	\$0.00	\$0.00
256 Kbps – Port and Access	N/A	\$400.00	\$400.00	\$0.00	\$0.00
384 Kbps – Port and Access	N/A	\$400.00	\$400.00	\$0.00	\$0.00
512 Kbps – Port and Access	N/A	\$400.00	\$400.00	\$0.00	\$0.00
768 Kbps – Port and Access	N/A	\$400.00	\$400.00	\$0.00	\$0.00
1.5 Mbps- Port and Access	N/A	\$450.00	\$450.00	\$0.00	\$0.00
40 Mbps – Port and Access	N/A	\$1000.00	\$1000.00	\$0.00	\$0.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A. UNI Port / NNI Connections (Cont'd.)

2. Connecticut (LATA #920), (Cont'd.)

h NNI Port Only Connection

MONTHLY					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
1.5 Mbps- Port and Access	\$432.00	\$415.00	\$397.00	\$380.00	\$371.00
40 Mbps – Port and Access	\$3171.00	\$3139.00	\$2790.00	\$2410.00	\$2029.00

NON-RECURRING CHARGE					
Bandwidth	MTM	1 Year	2 Year	3 Year	5 Year
1.5 Mbps- Port and Access	N/A	\$450.00	\$450.00	\$0.00	\$0.00
40 Mbps – Port and Access	N/A	\$1000.00	\$1000.00	\$0.00	\$0.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A. UNI Port / NNI Connections (Cont'd.)

3. New Jersey, Maryland, Delaware, District of Columbia,  
Pennsylvania, Virginia, West Virginia

a. UNI Port with Access Line Connection

Bandwidth	MTM	1 Year	3 Year	5 Year	7 Year	NRC
4 Mbps	\$3000.00	\$2850.00	\$2451.23	\$2238.08	n/a	\$1500.00
6 Mbps	\$3450.00	\$3275.00	\$2770.00	\$2557.80	n/a	\$1500.00
10 Mbps	\$3700.00	\$3500.00	\$2900.00	\$2750.00	n/a	\$1500.00
22 Mbps	\$4000.00	\$3800.00	\$3197.25	\$2984.10	n/a	\$1500.00
44.736 Mbps, when customer's normal CO is designated as a FRS DS3 Packet Switch	\$5000.00	n/a	\$4250.00	\$3750.00	\$3500.00	\$650.00
44.736 Mbps, when customer's normal CO is designated as a FRS DS3 Access Point	\$5675.00	n/a	\$4823.75	\$4256.25	\$3972.50	\$650.00
44.746 Mbps, (All other SWCS)	\$6350.00	n/a	\$5397.50	\$4762.50	\$4445.00	\$650.00



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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

A.UNI Port / NNI Connections (Cont'd.)

3. (Cont'd.)

b. UNI Port Only Connection

Bandwidth	MTM	1 Year	3 Year	5 Year	7 Year	NRC
56 Kbps	\$66.99	N/A	\$60.29	\$53.59	\$50.24	\$1.00
384 Kbps	\$324.80	N/A	\$292.32	\$259.84	\$243.60	\$1.00
1.544 Mbps	\$654.68	N/A	\$556.48	\$491.01	\$458.28	\$1.00
4 Mbps	\$791.00	\$770.00	\$675.00	\$620.00	N/A	\$300.00
6 Mbps	\$830.00	\$810.00	\$700.00	\$660.00	N/A	\$300.00
10 Mbps	\$900.00	\$871.00	\$760.00	\$700.00	N/A	\$300.00
22 Mbps	\$1200.00	\$1160.00	\$1010.00	\$970.00	N/A	\$300.00
44.736 Mbps	N/A	N/A	\$2975.00	\$2625.00	\$2450.00	\$1.00

c. Access Facilities

The Company will procure Access facilities whenever necessary in order to provide service to Customer's premises. The costs will be passed on to the Customer in accordance with the provisions of this tariff.

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

B. Permanent Virtual Circuits (PVC)

1. Maine, New Hampshire, Vermont, Massachusetts  
Rhode Island, Connecticut {LATA #132}, and New York

	Monthly	Nonrecurring Charge
Additional Logical Channels *		
per logical channel, per port		
1st through 4th	\$ 8.00	\$ 45.00
5th through 9th	\$ 5.00	\$ 45.00
10th and over	\$ 1.00	\$ 45.00

2. New Jersey, District of Columbia, Maryland,  
Delaware, Pennsylvania, Virginia (Cont'd.)

Additional Logical Channels *		
per logical channel, per port		
1st through 4th	\$ 8.00	\$ 45.00
5th through 9th	\$ 5.00	\$ 45.00
10th and over	\$ 1.00	\$ 45.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

B. Permanent Virtual Circuits (PVC)

3. Connecticut (LATA #132)

Monthly							
CIR Speed	Standard PVC		Alternative PVC Quality of Service (QoS)		Disaster Recovery PVC		NRC
	Standard	Priority	Standard	Priority	Standard	Priority	
8 Kbps	\$3.00	\$5.00	\$2.00	\$4.00	\$1.00	\$3.00	\$30.00
16 Kbps	\$4.00	\$6.00	\$3.00	\$5.00	\$2.00	\$4.00	\$30.00
32 Kbps	\$5.00	\$7.00	\$4.00	\$6.00	\$3.00	\$4.00	\$30.00
48 Kbps	\$6.00	\$8.00	\$5.00	\$7.00	\$3.00	\$4.00	\$30.00
56 Kbps	\$7.00	\$9.00	\$6.00	\$9.00	\$4.00	\$5.00	\$30.00
64 Kbps	\$8.00	\$10.00	\$7.00	\$10.00	\$4.00	\$6.00	\$30.00
128 Kbps	\$9.00	\$14.00	\$8.00	\$11.00	\$5.00	\$7.00	\$30.00
192 Kbps	\$10.00	\$15.00	\$9.00	\$13.00	\$5.00	\$8.00	\$30.00
256 Kbps	\$11.00	\$17.00	\$10.00	\$14.00	\$6.00	\$8.00	\$30.00
320 Kbps	\$12.00	\$18.00	\$11.00	\$15.00	\$6.00	\$9.00	\$30.00
384 Kbps	\$14.00	\$21.00	\$12.00	\$18.00	\$7.00	\$11.00	\$30.00
448 Kbps	\$16.00	\$24.00	\$14.00	\$20.00	\$8.00	\$12.00	\$30.00
512 Kbps	\$18.00	\$27.00	\$15.00	\$23.00	\$9.00	\$14.00	\$30.00
576 Kbps	\$22.00	\$33.00	\$19.00	\$28.00	\$11.00	\$17.00	\$30.00
640 Kbps	\$24.00	\$36.00	\$20.00	\$31.00	\$12.00	\$18.00	\$30.00
704 Kbps	\$27.00	\$40.00	\$23.00	\$34.00	\$13.00	\$20.00	\$30.00
768 Kbps	\$28.00	\$42.00	\$24.00	\$36.00	\$14.00	\$21.00	\$30.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

B. Permanent Virtual Circuits (PVC), (Cont'd.)

3.Connecticut (LATA #132), (Cont'd.)

Monthly							
CIR Speed	Standard PVC		Alternative PVC Quality of Service (QoS)		Disaster Recovery PVC		NRC
	Standard	Priority	Standard	Priority	Standard	Priority	
832 Kbps	\$29.00	\$44.00	\$25.00	\$37.00	\$15.00	\$22.00	\$30.00
896 Kbps	\$31.00	\$46.00	\$26.00	\$39.00	\$15.00	\$23.00	\$30.00
960 Kbps	\$32.00	\$48.00	\$27.00	\$40.00	\$16.00	\$24.00	\$30.00
1000 Kbps	\$32.00	\$49.00	\$28.00	\$41.00	\$16.00	\$24.00	\$30.00
1024 Kbps	\$33.00	\$49.00	\$28.00	\$42.00	\$16.00	\$25.00	\$30.00
1536 Kbps	\$42.00	\$62.00	\$35.00	\$53.00	\$21.00	\$31.00	\$30.00
2 Mbps	\$48.00	\$73.00	\$41.00	\$62.00	\$24.00	\$36.00	\$30.00
3 Mbps	\$61.00	\$92.00	\$52.00	\$78.00	\$31.00	\$46.00	\$30.00
4 Mbps	\$72.00	\$108.00	\$61.00	\$92.00	\$36.00	\$54.00	\$30.00
5 Mbps	\$82.00	\$123.00	\$70.00	\$105.00	\$41.00	\$62.00	\$30.00
6 Mbps	\$91.00	\$137.00	\$77.00	\$116.00	\$46.00	\$68.00	\$30.00
7 Mbps	\$100.00	\$149.00	\$85.00	\$127.00	\$50.00	\$75.00	\$30.00
8 Mbps	\$107.00	\$161.00	\$91.00	\$137.00	\$54.00	\$81.00	\$30.00
9 Mbps	\$115.00	\$173.00	\$98.00	\$147.00	\$58.00	\$86.00	\$30.00
10 Mbps	\$122.00	\$183.00	\$104.00	\$156.00	\$61.00	\$92.00	\$30.00
11 Mbps	\$129.00	\$194.00	\$110.00	\$165.00	\$65.00	\$97.00	\$30.00
12 Mbps	\$136.00	\$204.00	\$115.00	\$173.00	\$68.00	\$102.00	\$30.00

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

B. Permanent Virtual Circuits (PVC), (Cont'd.)

3. Connecticut (LATA #132), (Cont'd.)

Monthly							
CIR Speed	Standard PVC		Alternative PVC Quality of Service (QoS)		Disaster Recovery PVC		NRC
	Standard	Priority	Standard	Priority	Standard	Priority	
14 Mbps	\$148.00	\$222.00	\$126.00	\$189.00	\$74.00	\$111.00	\$30.00
15 Mbps	\$154.00	\$231.00	\$131.00	\$197.00	\$77.00	\$116.00	\$30.00
16 Mbps	\$160.00	\$240.00	\$136.00	\$204.00	\$80.00	\$120.00	\$30.00
17 Mbps	\$166.00	\$249.00	\$141.00	\$211.00	\$83.00	\$124.00	\$30.00
18 Mbps	\$171.00	\$257.00	\$136.00	\$218.00	\$86.00	\$129.00	\$30.00
19 Mbps	\$177.00	\$265.00	\$150.00	\$225.00	\$88.00	\$133.00	\$30.00
20 Mbps	\$182.00	\$273.00	\$155.00	\$232.00	\$91.00	\$137.00	\$30.00
25 Mbps	\$207.00	\$310.00	\$176.00	\$264.00	\$103.00	\$155.00	\$30.00
30 Mbps	\$230.00	\$345.00	\$207.00	\$310.00	\$115.00	\$172.00	\$30.00
35 Mbps	\$251.00	\$377.00	\$226.00	\$339.00	\$125.00	\$188.00	\$30.00
40 Mbps	\$271.00	\$407.00	\$258.00	\$387.00	\$136.00	\$203.00	\$30.00

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ACCESS SERVICE

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

C. Optional UNI Features

1. Maine, New Hampshire, Vermont, Massachusetts  
Rhode Island, Connecticut {LATA #132}, and New York

	Monthly	Nonrecurring Charge
a. Corridor Logical Channels *		
per channel, per port		
- 16 Kbps	\$ 1.00	--
- 28 Kbps	\$ 1.00	--
- 32 Kbps	\$ 1.00	--
- 56 Kbps	\$ 1.00	--
- 64 Kbps	\$ 1.00	--
- 128 Kbps	\$ 1.00	--
- 192 Kbps	\$ 1.00	--
- 256 Kbps	\$ 1.00	--
- 384 Kbps	\$ 1.00	--
- 512 Kbps	\$ 1.00	--
- 768 Kbps	\$ 1.00	--

- b. Customer Service  
Management ## \$ 250.00 \$1,000.00

## Available in New York Telephone Company Service Territory  
Only

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**SECTION 14 - RATES AND CHARGES (CONT'D)**

14.2 Advanced Service (Cont'd.)

14.2.1. Frame Relay Service (Cont'd.)

C. Optional UNI Features(Cont'd)

2. Bell Atlantic South's Territory (New Jersey, Maryland, Delaware,  
District of Columbia, Pennsylvania, Virginia),

	Monthly	Nonrecurring Charges
a. Northern Corridor Option per channel, per port		
- 16 Kbps	\$ 1.00	--
- 28 Kbps	\$ 1.00	--
- 32 Kbps	\$ 1.00	--
- 56 Kbps	\$ 1.00	--
- 64 Kbps	\$ 1.00	--
- 128 Kbps	\$ 1.00	--
- 192 Kbps	\$ 1.00	--
- 256 Kbps	\$ 1.00	--
- 384 Kbps	\$ 1.00	--
- 512 Kbps	\$ 1.00	--
- 768 Kbps	\$ 1.00	--
b. Committed Information Rates		
- 0/8/16/28/32 Kbps	\$ 5.00	\$12.00
- 56/64 Kbps	\$ 2.00	\$12.00
- 128 Kbps	\$ 4.00	\$12.00
- 192 Kbps	\$ 7.00	\$12.00
- 256 Kbps	\$ 9.00	\$12.00
- 384 Kbps	\$12.00	\$12.00
- 512 Kbps	\$25.00	\$12.00
- 768 Kbps	\$28.00	\$12.00
- 2 Mbps	\$50.00	\$12.00
c. Group Addressing	--	\$35.00
d. Customer Network Management	\$ 5.00	\$50.00

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**ACCESS SERVICE**

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES**

**15.1 Special Access Service**

Rates and Charges for Special Access Services and Advanced Services found in Section 15.1 and 17.2 are for those Services established on or after December 1, 2004.

**15.1.1 Digital Data Service,**

**A. Channel Terminations**  
**- per point of termination - Monthly**

**1. Maine, New Hampshire, Vermont**  
**Massachusetts, Rhode Island**

**a. 2-Wire**

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$67.44	\$64.07	\$60.70	\$57.32	\$53.95	\$50.58
Rate Zone 2	\$67.44	\$64.07	\$60.70	\$57.32	\$53.95	\$50.58
Rate Zone 3	\$67.44	\$64.07	\$60.70	\$57.32	\$53.95	\$50.58
Price Band 4	\$83.08	\$78.93	\$74.77	\$70.62	\$66.46	\$62.31
Price Band 5	\$86.54	\$82.21	\$77.89	\$73.56	\$69.23	\$64.91
Price Band 6	\$79.00	\$75.05	\$71.10	\$67.15	\$63.20	\$59.25

**(b. 56 kbps**

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Rate Zone 2	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Rate Zone 3	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Price Band 4	\$103.42	\$98.25	\$93.08	\$87.91	\$82.74	\$77.57
Price Band 5	\$107.73	\$102.34	\$96.96	\$91.57	\$86.18	\$80.80
Price Band 6	\$112.03	\$106.43	\$100.83	\$95.23	\$89.62	\$84.02

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service,

- A. Channel Terminations  
- per point of termination - Monthly
- 2. New York and Connecticut (LATA #132 only  
Bell Atlantic Telephone Company Service Territory),
  - a 56 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Rate Zone 2	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Rate Zone 3	\$83.94	\$79.74	\$75.55	\$71.35	\$67.15	\$62.96
Price Band 4	\$99.11	\$94.15	\$89.20	\$84.24	\$79.29	\$74.33
Price Band 5	\$107.73	\$102.34	\$96.96	\$91.57	\$86.18	\$80.80
Price Band 6	\$112.03	\$106.43	\$100.83	\$95.23	\$89.62	\$84.02

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

A. Channel Terminations

- per point of termination - Monthly (Cont'd.)

3. Connecticut, (LATA #920, Southern New England  
Telephone Company Service Territory)

	Monthly Charges
2.4 Kbps	\$ 83.00
4.8 Kbps	\$ 83.00
9.6 Kbps	\$ 83.00

	MTM	1 Year	3 Year	5 Year
56k All Zones	\$83.00	\$80.00	\$60.00	\$55.00
64k All Zones	\$90.00	\$80.00	\$60.00	\$55.00

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

A. Channel Terminations  
- per point of termination - Monthly (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia, West Virginia

a. 2.4 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$69.50	\$42.71	\$38.84		\$34.95	
Rate Zone 2	\$69.50	\$42.71	\$38.74		\$34.95	
Rate Zone 3	\$69.50	\$42.71	\$38.74		\$34.95	
Price Band 4	\$84.20	\$65.83	\$59.86		\$53.87	
Price Band 5	\$87.71	\$68.58	\$62.35		\$56.11	
Price Band 6	\$91.22	\$71.32	\$64.84		\$58.36	

b. 4.8 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$77.30	\$50.48	\$46.60		\$38.84	
Rate Zone 2	\$77.30	\$50.48	\$46.60		\$38.84	
Rate Zone 3	\$77.30	\$50.48	\$46.60		\$38.84	
Price Band 4	\$96.23	\$77.81	\$71.82		\$59.86	
Price Band 5	\$100.24	\$81.05	\$74.81		\$62.35	
Price Band 6	\$104.25	\$84.29	\$77.81		\$64.84	

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

A. Channel Terminations  
- per point of termination - Monthly (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia, West Virginia

c. 9.6 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$85.10	\$58.25	\$50.48		\$42.71	
Rate Zone 2	\$85.10	\$58.25	\$50.48		\$42.71	
Rate Zone 3	\$85.10	\$58.25	\$50.48		\$42.71	
Price Band 4	\$108.25	\$89.77	\$77.81		\$65.83	
Price Band 5	\$112.76	\$93.51	\$81.05		\$68.58	
Price Band 6	\$117.27	\$97.25	\$84.29		\$71.32	

d. 19.2 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$92.60	\$66.02	\$54.37		\$45.24	
Rate Zone 2	\$92.60	\$66.02	\$54.37		\$45.24	
Rate Zone 3	\$92.60	\$66.02	\$54.37		\$45.24	
Price Band 4	\$120.28	\$101.75	\$83.80		\$69.72	
Price Band 5	\$125.29	\$105.99	\$87.29		\$72.63	
Price Band 6	\$130.30	\$110.23	\$90.78		\$75.53	

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

A. Channel Terminations  
- per point of termination - Monthly (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia, West Virginia (Cont'd.)

e. 56 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$102.85	\$73.78	\$57.66		\$47.06	
Rate Zone 2	\$102.85	\$73.78	\$57.66		\$47.06	
Rate Zone 3	\$102.85	\$73.78	\$57.66		\$47.06	
Price Band 4	\$136.94	\$113.71	\$89.77		\$73.62	
Price Band 5	\$142.65	\$118.45	\$93.51		\$76.69	
Price Band 6	\$148.36	\$123.19	\$97.25		\$79.76	

f. 64 Kbps

	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	\$108.55	\$81.55	\$66.02		\$54.37	
Rate Zone 2	\$108.55	\$81.55	\$66.02		\$54.37	
Rate Zone 3	\$108.55	\$81.55	\$66.02		\$54.37	
Price Band 4	\$144.35	\$125.69	\$101.75		\$83.80	
Price Band 5	\$150.36	\$130.93	\$105.99		\$87.29	
Price Band 6	\$156.38	\$136.16	\$110.23		\$90.78	

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

B. Channel Terminations (Cont'd.)

- per point of termination - Nonrecurring Charges

	Nonrecurring Charges	
	First	Add'l
1. Maine, New Hampshire, Vermont Massachusetts, Rhode Island		
2-Wire	\$1.00	\$1.00
4-Wire - all speeds	\$1.00	\$1.00
2. New York / Connecticut (LATA #132) - All speeds		
4 Wire	\$1.00	\$1.00
3. Connecticut (LATA #920)	Nonrecurring Charges	
2.4 Kbps	\$ 550.00	
4.8 Kbps	\$ 550.00	
9.6 Kbps	\$ 550.00	
56 Kbps, on a Mo. to Mo.	\$ 550.00	
64 Kbps, on a Mo. to Mo.	\$ 550.00	
56 Kbps, on a Term Plan.	\$ 575.00	
64 Kbps, on a Term Plan.	\$ 575.00	
4. New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	Nonrecurring Charges	
	First	Additional
All speeds, purchased on a Mo. To Mo. Term	\$200.00	\$120.00
All speeds, purchased on a Term Plan	\$ 1.00	\$ 0.75

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage

1. Maine, New Hampshire, Vermont  
Massachusetts, Rhode Island

a. Interoffice Channel - Fixed

IOC Fixed		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 2	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 3	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 4	0 Miles						
	Above 0 Miles	\$41.38	\$39.31	\$37.24	\$35.17	\$33.10	\$31.04
Rate Zone 5	0 Miles						
	Above 0 Miles	\$43.10	\$40.95	\$38.79	\$36.64	\$34.48	\$32.33
Rate Zone 6	0 Miles						
	Above 0 Miles	\$44.82	\$42.58	\$40.34	\$38.10	\$35.86	\$33.62

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

1. Maine, New Hampshire, Vermont  
Massachusetts, Rhode Island (Cont'd.)

b. Interoffice Channel - Per Mile

IOC Fixed		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 2	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 3	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 4	0 Miles						
	Above 0 Miles	\$2.59	\$2.46	\$2.33	\$2.20	\$2.07	\$1.94
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.70	\$2.57	\$2.43	\$2.30	\$2.16	\$2.03
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.81	\$2.67	\$2.53	\$2.39	\$2.25	\$2.11



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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

2. New York / Connecticut  
(LATA # 132)

a. Interoffice Channel - Fixed

IOC Fixed		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 2	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 3	0 Miles						
	Above 0 Miles	\$37.90	\$36.01	\$34.11	\$32.22	\$30.32	\$28.43
Rate Zone 4	0 Miles						
	Above 0 Miles	\$41.38	\$39.31	\$37.24	\$35.17	\$33.10	\$31.04
Rate Zone 5	0 Miles						
	Above 0 Miles	\$43.10	\$40.95	\$38.79	\$36.64	\$34.48	\$32.33
Rate Zone 6	0 Miles						
	Above 0 Miles	\$44.82	\$42.58	\$40.34	\$38.10	\$35.86	\$33.62

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

2. New York / Connecticut  
(LATA # 132) (Cont'd.)

b. Interoffice Channel - Per Mile

IOC Fixed		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 2	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 3	0 Miles						
	Above 0 Miles	\$2.38	\$2.26	\$2.14	\$2.02	\$1.90	\$1.79
Rate Zone 4	0 Miles						
	Above 0 Miles	\$2.59	\$2.46	\$2.33	\$2.20	\$2.07	\$1.94
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.70	\$2.57	\$2.43	\$2.30	\$2.16	\$2.03
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.81	\$2.67	\$2.53	\$2.39	\$2.25	\$2.11

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory ),

Monthly

2.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.25

4.8 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.25

9.6 Kbps

Fixed

0 Miles

none

Over 0 Miles

\$ 40.00

Per Mile

0 Miles

none

Over 0 Miles

\$ 1.25

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

3. Connecticut (LATA #920, Southern New England  
Telephone Service Territory) (Cont'd.)

Fixed Mileage		MTM	1 Year	3 Year	5 Year
56k All Zones	0 Miles				
	Above 0 Miles	\$40.00	\$25.00	\$15.00	\$10.00
64k All Zones	0 Miles				
	Above 0 Miles	\$40.00	\$25.00	\$15.00	\$10.00

Per Mile		MTM	1 Year	3 Year	5 Year
56k All Zones	0 Miles				
	Above 0 Miles	\$1.25	\$1.00	\$0.80	\$0.70
64k All Zones	0 Miles				
	Above 0 Miles	\$1.25	\$1.00	\$0.80	\$0.70

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

a. 2.4 Kbps Service

i Fixed - Interoffice Channel

Fixed Mileage	IOC	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$42.60	\$38.16	\$33.92		\$29.67	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$42.60	\$38.16	\$33.92		\$29.67	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$42.60	\$38.16	\$33.92		\$29.67	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$60.14	\$53.87	\$47.88		\$41.89	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$62.65	\$56.11	\$49.88		\$43.64	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$65.16	\$58.36	\$51.87			

ii Per Mile - Interoffice Channel

Per Mile IOC	MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles					
	Above 0 Miles	\$1.28	\$1.19	\$1.15		\$1.05
Rate Zone 2	0 Miles					
	Above 0 Miles	\$1.28	\$1.19	\$1.15		\$1.05
Rate Zone 3	0 Miles					
	Above 0 Miles	\$1.28	\$1.19	\$1.15		\$1.05
Rate Zone 4	0 Miles					
	Above 0 Miles	\$1.81	\$1.68	\$1.62		\$1.49
Rate Zone 5	0 Miles					
	Above 0 Miles	\$1.89	\$1.75	\$1.69		\$1.55
Rate Zone 6	0 Miles					
	Above 0 Miles	\$1.96	\$1.82	\$1.76		\$1.61

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

b. 4.8 Kbps Service

i Fixed - Interoffice Channel

Fixed IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$51.12	\$46.63	\$38.16		\$31.80	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$51.12	\$46.63	\$38.16		\$31.80	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$51.12	\$46.63	\$38.16		\$31.80	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$72.17	\$65.83	\$53.87		\$44.89	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$75.18	\$68.58	\$56.11		\$46.76	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$78.18	\$71.32	\$58.36		\$48.63	

ii Per Mile - Interoffice Channel

Per Mile IOC		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$1.37	\$1.28	\$1.22		\$1.11	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$1.37	\$1.28	\$1.22		\$1.11	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$1.37	\$1.28	\$1.22		\$1.11	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$1.93	\$1.80	\$1.73		\$1.56	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.01	\$1.88	\$1.80		\$1.63	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.09	\$1.95	\$1.87		\$1.69	

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

c. 9.6 Kbps Service

i Fixed - Interoffice Channel

Fixed IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$59.64	\$55.11	\$42.40		\$33.28	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$59.64	\$55.11	\$42.40		\$33.28	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$59.64	\$55.11	\$42.40		\$33.28	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$84.20	\$77.81	\$59.86		\$46.98	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$87.71	\$81.05	\$62.35		\$48.94	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$91.22	\$84.29	\$64.84		\$50.90	

ii Per Mile - Interoffice Channel

Per Mile IOC		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$1.45	\$1.36	\$1.32		\$1.15	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$1.45	\$1.36	\$1.32		\$1.15	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$1.45	\$1.36	\$1.32		\$1.15	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$2.05	\$1.92	\$1.86		\$1.62	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.14	\$2.00	\$1.94		\$1.69	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.22	\$2.08	\$2.02		\$1.76	

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

d. 19.2 Kbps Service

i Fixed - Interoffice Channel

Fixed IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$68.16	\$63.59	\$54.37		\$35.40	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$68.16	\$63.59	\$54.37		\$35.40	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$68.16	\$63.59	\$54.37		\$35.40	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$96.23	\$89.77	\$83.80		\$49.98	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$100.24	\$93.51	\$87.29		\$52.06	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$104.25	\$97.25	\$90.78		\$54.15	

ii Per Mile - Interoffice Channel

Per Mile IOC		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$1.54	\$1.45	\$1.39		\$1.22	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$1.54	\$1.45	\$1.39		\$1.22	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$1.54	\$1.45	\$1.39		\$1.22	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$2.17	\$2.04	\$1.97		\$1.73	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.26	\$2.13	\$2.05		\$1.80	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.35	\$2.21	\$2.13		\$1.87	



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**ACCESS SERVICE**

**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

e. 56 Kbps Service

i Fixed - Interoffice Channel

Fixed IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$76.68	\$72.07	\$59.36		\$37.52	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$76.68	\$72.07	\$59.36		\$37.52	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$76.68	\$72.07	\$59.36		\$37.52	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$108.25	\$101.75	\$83.80		\$52.97	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$112.76	\$105.99	\$87.27		\$55.18	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$117.27	\$110.23	\$90.78		\$57.38	

ii Per Mile - Interoffice Channel

Per Mile IOC		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$1.91	\$1.83	\$1.70		\$1.56	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$1.91	\$1.83	\$1.70		\$1.56	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$1.91	\$1.83	\$1.70		\$1.56	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$2.70	\$2.58	\$2.40		\$2.21	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$2.81	\$2.69	\$2.50		\$2.30	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$2.93	\$2.80	\$2.60		\$2.39	

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**ACCESS SERVICE**

**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

C. Channel Mileage (Cont'd.)

4. New Jersey, Maryland, District of Columbia  
Delaware, Pennsylvania, Virginia

f. 64 Kbps Service

i Fixed - Interoffice Channel

Fixed IOC Mileage		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$85.20	\$80.55	\$67.83		\$42.40	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$85.20	\$80.55	\$67.83		\$42.40	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$85.20	\$80.55	\$67.83		\$42.40	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$120.25	\$113.71	\$95.76		\$59.86	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$112.76	\$118.45	\$99.75		\$62.35	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$117.27	\$123.19	\$103.74		\$64.84	

ii Per Mile - Interoffice Channel

Per Mile IOC		MTM	24 to 35 Mo	36 to 47 Mo	48 to 59 Mo	60 to 71 Mo	84 to 95 Mo
Rate Zone 1	0 Miles						
	Above 0 Miles	\$2.13	\$2.03	\$1.90		\$1.70	
Rate Zone 2	0 Miles						
	Above 0 Miles	\$2.13	\$2.03	\$1.90		\$1.70	
Rate Zone 3	0 Miles						
	Above 0 Miles	\$2.13	\$2.03	\$1.90		\$1.70	
Rate Zone 4	0 Miles						
	Above 0 Miles	\$3.01	\$2.87	\$2.69		\$2.40	
Rate Zone 5	0 Miles						
	Above 0 Miles	\$3.14	\$2.99	\$2.80		\$2.50	
Rate Zone 6	0 Miles						
	Above 0 Miles	\$3.26	\$3.11	\$2.91		\$2.60	

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**ACCESS SERVICE**

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

D. Optional Features and Functions

	Monthly	Nonrecurring Charges	
		First	Add'l
1. Bridging, Per port			
a. Maine, New Hampshire Vermont, Massachusetts Rhode Island, New York / Connecticut (LATA #132)			
Rate Zone 1	\$18.47	None	---
Rate Zone 2	\$18.47	None	---
Rate Zone 3	\$18.47	None	---
Price Band 4	\$22.16	None	---
Price Band 5	\$23.09	None	---
Price Band 6	\$24.01	None	---
c. Connecticut (LATA #920)	\$27.92	None	---
d. New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia			
Rate Zone 1	\$11.52	None	---
Rate Zone 2	\$11.52	None	---
Rate Zone 3	\$11.52	None	---
Price Band 4	\$22.80	None	---
Price Band 5	\$23.75	None	---
Price Band 6	\$24.40	None	---

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

D. Optional Features and Functions (Cont'd.)

	Monthly	Nonrecurring Charges	
		First	Add'l
2. Secondary Channel Capability - per channel Termination			
a. Maine, New Hampshire Vermont, Massachusetts Rhode Island	\$0.00	None	- - -
b. New York / Connecticut (LATA #132)	\$0.00	None	- - -
c. Connecticut (LATA #920)	\$11.15	\$9.00	\$332.00
d) New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$0.00	None	- - -

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**CTC Communications Corp.  
d/b/a EarthLink Business**

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1375 Peachtree Street, Level A  
Atlanta, Georgia 30309  
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**ACCESS SERVICE**

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

D. Optional Features and Functions (Cont'd.)

	Monthly	Nonrecurring Charges	
		First	Add'l
3. Service Rearrangement #			
DDS II to DS1 per lower bit rate service rearranged		None	\$1.00

# available in Bell Atlantic North Territory only

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**SECTION 15 - SPECIAL ACCESS RATES AND CHARGES (CONT'D)**

15.1 Special Access Service (Cont'd.)

15.1.1 Digital Data Service (Cont'd.)

D. Optional Features and Functions (Cont'd.)

		Monthly	Nonrecurring Charges	
			First	Add'l
4.	Loop Transfer Arrangement (Key activated * or Dial Up **) - per four port arrangement ***			
a.	Connecticut (LATA #920)	ICB	None	- - -
b.	New Jersey, Maryland, District of Columbia Delaware, Pennsylvania, Virginia	\$25.00	None	- - -

# Not available in Bell Atlantic North Territory (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut LATA #132, and New York)

\* The Key Activated Control Channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable

\*\* The Dial Up option requires the Customer to purchase the Controller Arrangement

\*\*\* An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the Customer's premises. Additional Channel Mileage will also apply when the transfer arrangement is not located in Customer premises serving wire center.

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ACCESS SERVICE

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**SECTION 16 - VOIP-PSTN TRAFFIC**

(N)

16.1 VoIP-PSTN Traffic

The VoIP-PSTN Traffic category consists of all traffic that (i) is exchanged in Time Division Multiplexing ("TDM") format and (ii) originates and/or terminates in Internet protocol ("IP") format. See Federal Communications Commission Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (Nov. 18, 2011) ("FCC Order") These services are tarified within the Company's federal access tariff consistent with the FCC Order.

16.2 Identification and Rating of VoIP-PSTN Traffic

16.2.1 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) ("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 interstate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC Order.

16.2.2 Rating of VoIP-PSTN Traffic

The Relevant VoIP-PSTN Traffic identified in accordance with this Section will be billed at rates equal to those tarified for the Company's interstate switched access services as described in Sections 6 &13 of this 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).

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**SECTION 16 - VOIP-PSTN TRAFFIC (CONT'D.)**

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

(N)

16.2.3 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 interstate access MOU (however determined - either based on call detail information or PIU) exchanged between the Company and the Customer.

A. The PVU for traffic will be derived and applied as follows:

1. 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.
2. 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.

(N)

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**SECTION 16 - VOIP-PSTN TRAFFIC (CONT'D.)**

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

16.2.3 (Cont'd.)

A. The PVU for traffic will be derived and applied as follows: (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 interstate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic MOUs for service.

(N)

(N)

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**SECTION 16 - VOIP-PSTN TRAFFIC (CONT'D.)**

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

(N)

16.2.3 (Cont'd.)

B. 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 interstate 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 interstate 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 interstate access MOU as VoIP-PSTN Traffic, pursuant to this Section of this Tariff.

C. Default PVU Factors

If the Customer does not furnish the Company with a PVU factor pursuant to the preceding paragraph (16.2.3.A.1) of this Section, the Company will utilize a PVU equal to the Company's PVU-B factor.

(N)

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**SECTION 16 - VOIP-PSTN TRAFFIC (CONT'D.)**

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

(N)

16.2.4 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 16.2.3.A.2, above.

16.2.5 PVU Factor Updates

The Customer or the Company may update the PVU-A factor quarterly using the method set forth in subsection 16.2.3.A.1 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.

16.2.6 PVU Factor Verification

Not more than twice in any year, the Company may ask the Customer to verify the PVU-A factor furnished to the Company and Customer may ask the Company to verify the PVU-B factor and the calculation of the PVU factor. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the respective PVU-A and PVU-B factor.

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