

ACCESS SERVICE  
AND ADVANCED TELECOMMUNICATIONS SERVICES (N)

Rates, Terms and Conditions  
applying to the provision of interstate access service  
by Eschelon Telecom, Inc.

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

**ACCESS SERVICE****CHECK SHEET**

The title page and pages 1 through 68 inclusive of this Tariff are effective as of the dates shown. Original and revised pages, as named below, comprise all changes from the original Tariff in effect on the date indicated.

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4	3 <sup>rd</sup>	34	Original	57.7	1 <sup>st</sup>
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18	Original	49.1	3 <sup>rd</sup> *	60.10	Original
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\*Issued July 20, 2011, Effective July 22, 2011, unless noted otherwise.

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**ACCESS SERVICE**

**CONCURRING CARRIERS**

Advanced TelCom, Inc.  
Eschelon Telecom of Arizona, Inc.  
Eschelon Telecom of California, Inc.  
Eschelon Telecom of Colorado, Inc.  
Eschelon Telecom of Minnesota, Inc.  
Eschelon Telecom of Nevada, Inc.  
Eschelon Telecom of Oregon, Inc.  
Eschelon Telecom of Utah, Inc.  
Eschelon Telecom of Washington, Inc.  
Mountain Telecommunications, Inc.  
OneEighty Communications, Inc.  
Oregon Telecom, Inc.  
United Communications, Inc. d/b/a UNICOM

(N)

**CONNECTING CARRIERS**

None

**OTHER PARTICIPATING CARRIERS**

None

**REGISTERED SERVICE MARKS**

None

**REGISTERED TRADEMARKS**

None

**EXPLANATION OF SYMBOLS**

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

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

**ACCESS SERVICE**

APPLICATION OF TARIFF

This tariff sets forth the service offerings, rates, terms and conditions applicable to the furnishing of interstate access service by Eschelon Telecom, Inc. (hereinafter "the Company").

**ACCESS SERVICE****1. DEFINITIONS**

Certain terms used generally throughout this tariff for the Access services of this Company are defined below.

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

Access Service: Switched Access to the network of an Interexchange Carrier for the purpose of originating or terminating communications.

Access Service Request (ASR): The industry Service Order format used by Access Service customers and access providers as agreed to by the Ordering and Billing Forum.

Access Tandem: An Exchange Carrier's switching system that provides a concentration and distribution function for originating or terminating traffic between local switching centers and customers' premises.

Advance Payment: Payment for all or part of a charge required before the start of service.

Alternate Access: Alternate Access has the same meaning as Local Access except that the provider of the service is an entity other than the Local Exchange Carrier authorized or permitted to provide such service. The charges for Alternate Access may be specified in a private agreement rather than in a published or special tariff if private agreements are permitted by applicable governmental rules.

Authorized User: A person firm, corporation or other entity that either is authorized by the Customer to use Access Service or is placed in a position by the Customer, either through acts or omissions, to use Access Services.

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

Carrier or Common Carrier: see Interexchange Carrier or Exchange Carrier.

Channel(s): An electrical, or in the case of fiber optic-based transmission systems, a photonic communications path between two or more points of termination.

Common Channel Signaling (CCS): A high speed packet switched communications network which is separate (out of band) from the public packets switched and message networks. It is used to carry addressed signaling messages for individual trunk circuits and/or database related services between signaling points in the CCS network.

**ACCESS SERVICE****1. DEFINITIONS** (Cont'd)

Company: Eschelon Telecom, Inc., which is the issuer of this tariff.

Conventional Signaling: The inter-machine signaling system has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating Local Switching Center which terminates the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing ten digit ANI, ANI information digits, or acknowledgment link are included in this signaling sequence.

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

Dedicated: A facility or equipment system or subsystem set aside for the sole use of a specific customer.

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

800/888 Data Base Access Service: The term "800/888 Data Base As Service" denotes a toll-free originating Trunkside Access Service when the 8XX service Access Code (i.e. 800, 822, 833, 844, 855, 866, 877 or 888 as available) is used. The term 8XX is used interchangeably with 800/888 Data Base Service throughout this tariff to describe this service.

End-user: Any individual, association, corporation, governmental agency or any other entity other than an Interexchange Carrier which subscribes to intrastate service provided by an Exchange Carrier.

Exchange Carrier: Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged in the provision of local exchange telephone service.

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.

Firm Order Confirmation (FOC): Acknowledgment by the Company of receipt of an Access service Request from the Customer and commitment by the Company of a Service Date.

Hub: The Company office where all customer facilities are terminated for purposes of interconnection to trunks and/or cross-connection to distant ends.

Individual Case Basis: A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the Customer's situation.

Interexchange Carrier (IC) or Interexchange Common Carrier: Any individual, partnership, association, joint-stock company, trust governmental entity or corporation engaged in state or foreign communication for hire by wire or radio, between two or more exchanges.

## ACCESS SERVICE

### 1. **DEFINITIONS** (Cont'd)

**Joint User:** A person, firm or corporation designated by the Customer as a user of access facilities furnished to the Customer by the Company, and to whom a portion of the charges for such facilities are billed under a joint use arrangement.

**Kbps:** Kilobits, or thousands of Bits, per second.

**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 for the provision and administration of communications services.

**Line Information Data Base (LIDB):** The data base which contains billing information such as telephone numbers, calling card numbers and associated billed number restriction data used in connection with the validation and billing of calls.

**Local Access:** The connection between a customer's premises and a point of presence of the Exchange Carrier.

**Local Switching Center:** The switching center where telephone exchange service customer station Channels are terminated for purposes of interconnection to each other and to interoffice Trunks.

**Mbps:** Megabits, or millions of bits, per second.

**Meet Point Billing:** The arrangement through which multiple Exchange Carriers involved in providing Access Services, divide the ordering, rating, and billing of such services on a proportional basis, so that each Exchange Carrier involved in providing a portion of the Access Service agrees to bill under its respective tariff.

**Network Services:** The Company's telecommunications Access Services offered on the Company's network.

**Non-Recurring Charges:** The one-time initial charges for services or facilities, including, but not limited to charges for construction, installation, or specific fees, for which the Customer becomes liable at the time the Service Order is executed.

**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.

**ACCESS SERVICE****1. DEFINITIONS** (Cont'd)

Out of Band Signaling: An exchange access signaling feature which allows customers to exchange call control and signaling information over a communications path which is separate from the message path.

Point of Presence: Location where the Customer maintains a facility for purposes of interconnecting to the Company's network.

Point to Point Service: An unswitched full time transmission service utilizing the Company's facilities to connect two or more Customer designated locations.

Premises: The space occupied by a Customer or Authorized User in a building or buildings or on contiguous property (except railroad rights-of-way, etc.).

Presubscription: An arrangement whereby an end user may select and designate to the Company an Interexchange Carrier (IXC) or Carriers it wishes to access, without an Access Code, for completing interLATA and intraLATA calls. The selected IXC(s) are referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select any IXC that orders FGD Switched Access Service at the Local Switching Center that serves the end user.

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

Service Commencement Date: For Switched Access Service, the first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance of service. The parties may mutually agree on a substitute Service Commencement Date. If the Company does not have an executed service Order from a Customer, the Service Commencement Date will be the first date on which the service or facility was used by the Customer. For Tandem Connect Customers, the Service Commencement Date will be the first date on which the service or facility was used by the Customer.

Service Order: The written request for network services executed by the Customer and the Company in a format devised by the Company; or, in the alternative, the submission of an Access Service Request by the Customer in the manner specified in this tariff. The signing of a Service Order to submission of an ASR by the Customer and acceptance thereof by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date.

Service(s): The Company's telecommunications Access Services offered by the Company.

Shared Facilities: A facility or equipment system or subsystem which can be used simultaneously by several customers.

## ACCESS SERVICE

### 1. **DEFINITIONS** (Cont'd)

**Signaling Point of Interface:** The customer designated location where the SS7 signaling information is exchanged between the Company and the Customer.

**Signaling System 7 (SS7):** The common Channel Out of Band Signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

**Signaling Transfer Point Access:** Allows the Customer to access a specialized switch which provides SS7 network access and performs SS7 messaging routing and screening.

**Special Access Service:** Dedicated access between a Customer's premises and another Point of Presence for the purpose of originating or terminating communications. Special Access is available to both carriers and end-users, as defined in this tariff.

**Switched Access Service:** Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications. Switched Access is available to carriers, as defined in this tariff.

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

**ACCESS SERVICE****2. REGULATIONS****2.1 Undertaking of the Company****2.1.1 Scope**

Access Services consist of furnishing communications service in connection with one-way or two-way information transmission between points within the United States under the terms of this tariff.

**2.1.2 Shortage of Equipment or Facilities**

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

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

2.1.2.C The provisioning and restoration of service in emergencies shall be in accordance with Part 64, Subpart D, Appendix A of the Federal Communication Commission's Rules and Regulations, which specifies the priority system for such activities.

**2.1.3 Terms and Conditions**

2.1.3.A Except as otherwise provided herein, service is provided and billed on the basis of a minimum period of at least one month, and shall continue to be provided until canceled by the Customer, in writing, in not less than 30 days notice. Unless otherwise specified herein, for the purpose of computing charges in this tariff, a month is considered to have 30 days.



**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

2.1.3.B Customers may be required to enter in written Service Orders which shall contain or reference the name of the Customer, a specific description of the Service Ordered; the rates to be charged, the duration of the services, and the terms and conditions in this tariff. The Customer will also be required to execute any other documents as may be reasonably requested by the Company.

2.1.3.C At the expiration of the initial term specified in each Service Order, or in any extension thereof, service shall continue on a month to month basis at the then current rates unless terminated by either party upon 30 days written notice. Any termination shall not relieve the Customer of its obligation to pay any charges incurred under the Service Order and this tariff prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the Service Order shall survive such termination.

**2.1.4 Liability of the Company**

2.1.4.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, errors, other defects, or representations by the Company, or use of these services or damages arising out of the failure to furnish the service whether caused by act or omission, shall be limited to the extension of allowances for interruption as set forth in 2.6 below. The extension of such allowances for interruption shall be the sole remedy of the Customer and the sole liability of the Company. The Company will not be liable for any direct, indirect, incidental, special, consequential, exemplary or punitive damages to Customer as a result of any Company service, equipment or facilities, or the sets or omissions or negligence of the Company's employees or agents.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

- 2.1.4.B 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 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 of any military authority; preemption of existing service in compliance with national emergencies; insurrections, riots; wars; unavailability of rights-of-way or materials; or strikes, lockouts work stoppages, or other labor difficulties.
- 2.1.4.C The Company shall not be liable for (a) any act or omission of any entity furnishing the Company or the Company's Customers facilities or equipment used for the interconnection with Access Services; or (b) for the acts or omissions of other Common Carrier or warehousemen.
- 2.1.4.D The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer-provided equipment or facilities.
- 2.1.4.E The Customer shall indemnify and hold the Company harmless from any and all losses, claims, demands, suits, or other actions, or any liabilities 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, condition, location, or use of any installation or equipment provided by the Company. The Company reserves the right to require each Customer to sign an agreement acknowledging acceptance of the provisions of this Section 2.1.4.F as a condition precedent to such installations.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

- 2.1.4.F The Company shall not be liable for any defacement of or damage to Customer's 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 the gross negligence or willful misconduct of the Company's agents or employees. No agents or employees of other participating Carriers shall be deemed to be agents or employees of the Company.
- 2.1.4.G The Company shall be indemnified and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff including: claims for libel, slander, invasion of privacy or infringement of copyright arising from the end user's own communications; patent infringement claims arising from the end user's combining or connecting the service offered by the Company with facilities or equipment furnished by the end user of another Interexchange carrier; or all other claims arising out of any act or omission of the end user in connection with any service provided pursuant to this tariff.
- 2.1.4.H The entire liability of the Company for any claim, loss, damage or expense from any cause whatsoever shall in no event exceed sums actually paid to the Company by the Customer for the specific services giving rise to the claim, and no action or proceeding against the Company shall be commenced more than one (1) year after the service is rendered.
- 2.1.4.I The Company makes no warranties or representation, express or implied, including warranties or merchantability or fitness for a particular use, except those expressly set forth herein.
- 2.1.4.J The Company shall not be liable for any act or omission of any other company or companies furnishing a portion of the service, or for damages associated with service, Channels, or equipment which result from the operation of Customer-provided systems, equipment, facilities or services which are interconnected with Company services.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

2.1.4.K The Company does not guarantee nor make any warranty with respect to service installations at locations at which there is present an atmosphere that is explosive, prone to fire, dangerous or otherwise unsuitable for such installations. The Customer and end user shall indemnify and hold the Company harmless from any and all losses, claims, demands, suits, or other actions, or any liability whatsoever, whether suffered, made, instituted or asserted by the Customer or by another party, for any personal injury, to , or death of, any person or persons, or 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, locations or use of service furnished by the Company at such locations.

2.1.4.L The Company shall not be liable for the Customer's failure to fulfill its obligations to take all necessary steps including, without limitation, obtaining, installing and maintaining all necessary equipment, materials and supplies, for interconnecting the terminal equipment or communications system of the Customer, or any third party acting as its agent, to the Company's network. The Customer shall secure all licenses, permits, rights-of-way, and other arrangements necessary for such interconnection. In addition, the Customer shall ensure that its equipment and/or system or that of its agent is properly interfaced with the Company's service, that the signals emitted into the Company's network are of the proper mode, bandwidth, power, data speed, and signal level for the intended use of the Customer and in compliance with the criteria set forth in Section 2.1.6 following, and that the signals do not damage Company equipment, insure its personnel or degrade service to other Customers. If the Customer or its agent fails to maintain and operate its equipment and/or system or that of its agent properly, with resulting imminent harm to Company equipment, personnel, or the quality of service to other Customer, the Company, may, upon written notice require the use of protective equipment at the Customer's expense. If this fails to produce satisfactory quality and safety, the Company may, upon written notice, terminate the Customer's service without liability.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

2.1.4.M The Company shall not be liable for any act or omission concerning the implementation of Presubscription, as defined herein.

2.1.4.N With respect to Telecommunications Relay Service (TRS), any service provided by the Company which involves receiving, translating, transmitting or delivering messages by telephone, text telephone, a telecommunications device for the deaf, or any other instrument over the facilities of Company or any connecting Carrier, Company's liability for the interruption or failure of the service shall not exceed an amount equal to the Company's charge for a one minute call to the called station at the time the affected call was made.

**2.1.5 Notification of Service-Affecting Activities**

The Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customer's 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.

**2.1.6 Provision of Equipment & Facilities**

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

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

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

- 2.1.6.C The Company may substitute, change or rearrange any equipment or facility at any time and from time to time, but shall not thereby alter the technical parameters of the service provided to the Customer.
- 2.1.6.D Equipment the Company provides or installs at the Customer's premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided it.
- 2.1.6.E The Customer shall be responsible for the payment of service charges imposed on the Company by another entity, for visits to the Customer's premises when the service difficulty or trouble report results from the use of equipment or facilities provided by any party other than the Company, including, but not limited to the Customer.
- 2.1.6.F The Company shall not be responsible for the installation, operation, or maintenance of any Customer-provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities. Notwithstanding the above, the Company shall not be responsible for:
  - 2.1.6.F.(1) the transmission of signals by Customer-provided equipment or for the quality of, or defects in, such transmission;
  - 2.1.6.F.(2) the reception of signals by Customer-provided equipment; or
  - 2.1.6.F.(3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.
- 2.1.6.G 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.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.1 Undertaking of the Company (Cont'd)**

2.1.6.H 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.

**2.1.7 Non-Routine Installation**

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

**2.1.8 Special Construction**

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

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

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

2.1.8.C where facilities are to be installed over a route other than that which the Company would normally utilize in the furnishing of its services;

2.1.8.D where facilities are requested in a quantity greater than that which the Company would normally construct;

2.1.8.E where installation is on an expedited basis;

2.1.8.F on a temporary basis until permanent facilities are available;

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.1 Undertaking of the Company (Cont'd)

2.1.8.G installation involving abnormal costs; or

2.1.8.H in advance of its normal construction schedules.

#### 2.1.9 Ownership of Facilities

Title to all facilities provided in accordance with this tariff remains in the Company, its agents, contractors or suppliers.

#### 2.2 Prohibited Uses

2.2.1 The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all required governmental approvals, authorizations, licenses, consents and permits.

2.2.2 The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a request with the Company confirming that their use of the Company's offerings complies with relevant laws and Federal Communications Commission regulations, policies, orders, and decisions; and if the reseller intends to provide intrastate services, is certified with the State Regulatory Authority.

2.2.3 The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.

#### 2.3 Obligations of the Customer

##### 2.3.1 Customer Responsibilities

2.3.1.A The Customer shall be responsible for the payment of all applicable charges pursuant to this tariff;



**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.3 Obligations of the Customer (Cont'd)**

- 2.3.1.B reimbursing the Company for damage to, or loss of, the Company's facilities or equipment caused by the acts or omissions of the Customer; or the noncompliance by the Customer with these regulations; or by tire or theft or other casualty on the Customer premises, unless caused by the negligence or willful misconduct of the employees or agents of the Company. The Company will, upon reimbursement for damages to its facilities or equipment, cooperate with the Customer in prosecuting a claim against the person causing such damage and the Customer shall be subrogated in the Company's right of recovery of damages to the extent of such payment;
- 2.3.1.C providing at no charge, as specified from time to time by the Company, as needed, personnel, equipment, space, and power to operate Company facilities and equipment installed on the Customer premises, and the level of heating and air conditioning necessary to maintain the proper operating environment on such premises;
- 2.3.1.D obtaining, maintaining, and otherwise having full responsibility for all rights-of-way and conduit necessary for installation of fiber optic cable and associated equipment used to provide Access Services to the Customer from the cable building entrance or property line to the location of the equipment space described in 2.3.1.C above. Any costs associated with obtaining and maintaining the rights-of-way described herein, including the costs of altering the structure to permit installation of the Company-provided facilities, shall be borne entirely by, or may be charged by the Company, to the Customer. The Company may require the Customer to demonstrate its compliance with this subsection prior to accepting an order for service;
- 2.3.1.E providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining Company facilities and equipment. The Customer may be required to install and maintain Company facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company employees or property might result from installation or maintenance by the Company. The Customer shall be responsible for identifying, monitoring, removing, and disposing of any hazardous material (e.g. asbestos) prior to any construction or installation work.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.3 Obligations of the Customer (Cont'd)**

2.3.1.F complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses, and permits as may be required with respect to the location of Company facilities and equipment in any Customer premises or the rights-of-way for which the Customer is responsible for obtaining under Section 2.3.1.D above; and granting or obtaining permission for Company agents or employees to enter the Customer premises at any time for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company; and

2.3.1.G not creating or allowing to be placed or maintained any liens or other encumbrances on the Company's equipment or facilities.

**2.3.2 Claims**

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

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

2.3.2.B any claim, loss, damage, expense or liability for infringement of any copyright, patent, trade secret, or any proprietary or intellectual property right of any third party, arising from any act or omission by the Customer, including without limitation, use of the Company's services and facilities in a manner not contemplated by the agreement between the Customer and the Company.

**2.3.3 Jurisdictional Reporting**

The jurisdictional reporting requirements will be as specified below. When a Customer orders Access service, its projected Percent Interstate Usage (PIU) must be provided in whole numbers to the Company. These whole number percentages will be used by the Company to apportion the use and/or charges between interstate and intrastate until a revised report is received as set forth herein.

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

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

2.3.3.A **Originating Access:** Originating access minutes may be based on traffic originating at the State, LATA or Local Switching Center level, provided that the traffic being measured is only traffic originating from the Company Local Switching Center(s). The Customer must provide the Company with a projected PIU factor on a quarterly basis, as specified below. Originating access minutes will be measured as follows, based on type of access:

2.3.3.A.(1) For Feature Group D Switched Access Service(s), as defined in Section 4.2.1, where the Company can determine jurisdiction by its call detail, the projected Percent Interstate Usage (PIU) will be developed by the Company on a monthly basis by dividing the measured interstate originating access minutes by the total originating access minutes.

2.3.3.A.(2) For Feature Group D with 950 Access (Feature Group B), as defined in Section 4.2, the Customer must provide the Company with a projected PIU factor by supplying the Company with an interstate percentage of originating access minutes.

2.3.3.A.(3) For 500, 700, 8XX, calling card and operator service access, the Customer must provide the Company with a projected PIU factor for each type of access. The Customer who provides a PIU factor shall supply the Company with an interstate percentage of originating access minutes.

2.3.3.A.(4) If no PIU for originating minutes is submitted as specified herein, then the projected PIU will be set on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

2.3.3.B **Terminating Access:** When the Customer orders Feature Group D Switched Access Service(s), and the Company has sufficient call details to determine the jurisdiction for the call, the Company will bill the call minutes of use according to that jurisdiction. When terminating call details are insufficient to determine the jurisdiction for the call, the Customer may supply to the Company a projected PIU factor by LATA on a quarterly basis, as described in Section 2.3.3.D below. If no projected PIU factor is submitted by the Customer, then the projected PIU will be set on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

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**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.3 Obligations of the Customer (Cont'd)**

2.3.3.C Except where the Company measured access minutes are used as set forth in 2.3.3.A above, the Customer reported Rejected PIU factor as set forth above will be used until the Customer reports a different projected PIU factor, as set forth below. The revised report will serve as the basis for future billing and will be effective on the next bill date.

2.3.3.D Effective on the first of January, April, July and October of each year, the Customer shall update its interstate and intrastate jurisdictional report. The Customer shall forward to the Company, to be received no later than 15 days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use, based solely on the traffic originating from or terminating to the Company Local Switching Center. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. If the Customer does not supply the reports for those services where reports are needed, the Company will assume the percentage to be the same as provided previously. For those cases in which a quarterly report has never been received from the Customer, the Company will assume the percentages to be the same as those provided in the Access Service Request.

2.3.3.E Jurisdictional Report Verification: For Switched Access Service, if a billing dispute arises or a regulatory commission questions the projected PIU factor, the Customer will provide the data issued to determine the projected PIU factor. The Customer will supply the data within 30 days of the Company's request.

The Customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained and, upon request of the Company, shall make the records available for inspection as reasonably necessary for purposes of verification of the percentages. The Company reserves the right to conduct an audit at any time during the year. The Customer, at its own expense, has the right to retain an independent auditing firm.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.4 Customer Equipment and Channels****2.4.1 In General**

A Customer may transmit or receive information or signals via the facilities of the Company.

**2.4.2 Interconnection of Facilities**

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

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

**2.5 Payment Arrangements****2.5.1 Payment for Service**

The Customer is responsible for payment of all charges for services and facilities furnished by the Company to the Customer or its Joint or Authorized Users.

**2.5.1.A Taxes**

The Customer is responsible for the payment of any sales, use, gross receipts, excise, access or other local, state and federal taxes, charges or surcharges (however designated) excluding taxes on the Company's net income imposed on or based upon the provision, sale or use of Access Services. All such taxes shall be separately designated on the Company's invoices. Any taxes imposed by a local jurisdiction (e.g. county and municipal taxes) will only be recovered from those Customers located in the affected jurisdictions. If an entity other than the Company (e.g. another carrier or a supplier) imposes charges on the Company, in addition to its own internal costs, in connection with a service for which the Company's Non-Recurring Charge is specified, those charges will be passed on to the Customer. It shall be the responsibility of the Customer to pay any such taxes that subsequently become applicable retroactively.

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.5 Payment Arrangements (Cont'd)

2.5.1.B A surcharge is imposed on all charges for service originating at addresses in states which levy, or assert a claim of right to levy, a gross receipts tax on the Company's operations in any such state, or a tax on interstate access charges incurred by the Company for originating access to telephone exchanges in that state. This surcharge is based on the particular state's receipts tax and other state taxes imposed directly or indirectly upon the Company by virtue of, and measured by, the gross receipts or revenues of the Company in that state and/or payment of interstate access charges in that state. The surcharge will be shown as a separate line item on the Customer's monthly invoice.

#### 2.5.2 Billing and Collection of Charges

Unless otherwise specified herein, bills are due and payable upon receipt.

The Company shall bill on a current basis all charges incurred by, and credits due to, the Customer under this tariff attributable to services established, provided, or discontinued during the preceding billing period.

2.5.2.A Non-Recurring Charges are due and payable within 30 days after the invoice date. The Company shall present invoice for Non-Recurring Charges monthly to the Customer.

2.5.2.B The Company shall present invoice for non-usage sensitive Recurring Charges monthly to the Customer, in advance of the month in which service is to be provided, and invoices for usage sensitive charges monthly to the Customer subsequent to the usage. Recurring and usage sensitive charges shall be due and payable within 30 days after the invoice date.

2.5.2.C With the exception of the Presubscribed Interexchange Carrier Charge (PICC), Interstate Access Charge (IAC), Local Number Portability surcharge and DSL services, whenever 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-rata basis, based on the actual calendar month.

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## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.5 Payment Arrangements (Cont'd)

2.5.2.D Billing of the Customer by the Company will begin on the Service Commencement Date. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.

2.5.2.E Amounts not paid within 30 days after the date of invoice will be considered past due. If the Company becomes concerned at any time about the ability of a Customer to pay its bills, the Company may require that the Customer pay its bills within a specified number of days and make such payments in cash or the equivalent of cash.

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

2.5.2.F The Customer shall notify the Company of any disputed items on an invoice within 90 days of receipt of the invoice. If the Customer and the Company are unable to resolve the dispute to their mutual satisfaction, the Customer may file a complaint with the Federal Communications Commission in accordance with the Agency's rules of procedures.

#### 2.5.2.G Ordering, Rating and Billing of Access Services Where More Than One Exchange Carrier is Involved

Both Multiple bill and Single bill billing options are supported under this tariff. Under a Meet Point Billing arrangement, the Company will only bill for charges for traffic carried between the Company Local Switching Center and the end user.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.5 Payment Arrangements (Cont'd)****2.5.2.G Ordering, Rating and Billing of Access Services Where More Than One Exchange Carrier is Involved (Cont'd)**

The billing arrangements are subject to the provisions of the Multiple Exchange Carrier Access billing Guidelines (MECAB) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD), except that the Company will not bill for local transport as described in MECAB. The Company will bill the Tandem Connect rate elements as specified in this Tariff.

The Company must notify the Customer of: 1) the meet point option that will be used; 2) the Carrier(s) that will render the bill(s); 3) the Carrier(s) to whom payment should be remitted; and 4) the Carrier(s) that will provide the bill inquiry function. The Company shall provide such notification at the time orders are placed for Access Service. Additionally, the Company shall provide this notice in writing 30 days in advance of any changes in the arrangement.

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

- 2.5.2.G.(1) The Company must receive an order for Feature Group D (FGD) Switched Access Service, as defined herein, ordered to the Company's Local Switching Center through a switch operated by another Exchange Carrier.
- 2.5.2.G.(2) In addition, for FGD Switched Access Service ordered to the Company's Local Switching Center through a switch operated by another Exchange Carrier with whom the Company has an agreement, the Customer may be required to submit an order as specified by the Exchange carrier which operates the switch.
- 2.5.2.G.(3) Separate bills will be rendered by the Exchange Carrier for FGD access service, if the multiple bill option is selected.



## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.5 Payment Arrangements (Cont'd)

##### 2.5.2.G Ordering, Rating and Billing of Access Services Where More Than One Exchange Carrier is Involved (Cont'd)

2.5.2.G.(4) Rating and Billing of Service: Each company will provide its portion of access service based on the regulations, rates and charges contained in its respective Access Service tariff, subject to the following rules, as appropriate:

2.5.2.G.(4).(a) The application of non-distance sensitive rate elements varies according to the rate structure and the location of the facilities involved:

2.5.2.G.(4).(a).(i) when rates and charges are listed on a per minute basis, the Company's rates and charges will apply to traffic originating from the Customer's premises and terminating at the end user's premises, and vice versa.

#### 2.5.3 Deposits

2.5.3.A Before the service or facility is furnished to a Customer whose credit has not been duly established, the Company may require a Customer to make a deposit to be held as a guarantee for the payment of charges. A deposit does not relieve the Customer of the responsibility for the prompt payment of bills on presentation. The deposit will not exceed an amount equal to:

2.5.3.A.(1) an amount in excess of two twelfths of the estimated charge for the service for the ensuing twelve months; or

2.5.3.A.(2) one half of the estimated charge for the minimum payment for a service or facility which has a minimum payment period of more than one month; except that the deposit may include an additional amount in the event that a termination charge is applicable. In addition, the Company shall be entitled to require such an applicant or Customer to pay all its bills within a specified period of time, and to make such payments in cash or the equivalent of cash. At the Company's option, such deposit may be refunded to the Customer's account at any time. Also, the Company reserves the right to cease accepting and processing Service Orders after it has requested a security deposit and prior to the Customer's compliance with this request.

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.5 Payment Arrangements (Cont'd)

- 2.5.3.B A deposit may be required in addition to an advance payment.
- 2.5.3.C The charges set forth in this tariff for channel terminations contemplate installations made in normal locations and under normal working conditions. Any installations to be made under other circumstances are subject to additional charges.
- 2.5.3.D When a service or facility is discontinued, the amount of a deposit, if any, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company may, at its option return the deposit or credit the Customer's account.

#### 2.5.4 Refusal and Discontinuance of Service

- 2.5.4.A Upon nonpayment of any amounts owing to the Company, the Company may, by giving requisite prior written notice to the Customer discontinue or suspend service without incurring any liability.
- 2.5.4.B Upon violation of any of the other material terms or conditions for furnishing service the Company may, by giving 30 days prior notice in writing to the Customer, discontinue or suspend service without incurring any liability if such violation continues during that period.
- 2.5.4.C Upon 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.
- 2.5.4.D Upon the Customer's insolvency, assignment for the benefit of creditors, filing for bankruptcy or reorganization, or failing to discharge an involuntary petition within the time permitted by law, the Company may immediately discontinue or suspend service without incurring any liability.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.5 Payment Arrangements (Cont'd)**

- 2.5.4.E Upon any governmental prohibition, or required alteration of the services to be provided or any violation of an applicable law or regulation, the Company may immediately discontinue service without incurring any liability.
- 2.5.4.F Upon the Company's discontinuance of service to the Customer under Section 2.5.4.A or 2.5.4.B above, the Company, in addition to all other remedies that may be available to the Company at law or in equity or under any other provision of this tariff, may declare all future monthly and other charges which would have been payable by the Customer during the remainder of the term for which such services would have otherwise been provided to the Customer to be immediately due and payable.
- 2.5.4.G When Access Service is provided by more than one Company, the companies involved in providing the joint service may individually or collectively deny service to a Customer for nonpayment. Where the Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Company(s) will, if technically feasible, assist in denying the joint service to the Customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the Company initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the Company whose Local Switching Center serves the Customer shall apply for joint service discontinuance.
- 2.5.4.H The Company may discontinue the furnishings of any and/or all service(s) to a Customer, without incurring any liability:

**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

**2.5 Payment Arrangements (Cont'd)**

2.5.4.H.(1) Immediately and without notice if the Company deems that such action is necessary to prevent or protect against fraud or to otherwise protect its personnel, agents, facilities or services. The Company may discontinue service pursuant to this subsection 2.5.4.H.(1) (a-f) if:

2.5.4.H.(1).(a) The Customer refuses to furnish information to the Company regarding the Customer's credit-worthiness, its past or current use of Common Carrier communications service or its planned use of service(s); or

2.5.4.H.(1).(b) The Customer provides false information to the Company regarding the Customer's identity, address, credit-worthiness, past or current use of Common Carrier communications services, or its planned use of the Company's service(s); or

2.5.4.H.(1).(c) The Customer states that it will not comply with a request of the Company for security for the payment for service(s) in accordance with Section 2.5.4.A above; or

2.5.4.H.(1).(d) The Customer has been given written notice by the Company of any past due amount (which remains unpaid in whole or in part) for any of the Company's other Common Carrier communications services to which the Customer either subscribes or had subscribed or used; or

2.5.4.H.(1).(e) The Customer uses service to transmit a message, locate a person or otherwise give or obtain information without payment for the service; or

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.5 Payment Arrangements (Cont'd)

2.5.4.H.(1).(f) The Customer uses, or attempts to use, service with the intent to void the payment, either in whole or in part, of the tariffed charges for the service by:

2.5.4.H.(1).(f).(i) Using or attempting to use service by rearranging, tampering with, or making connections to the Company's service not authorized by this tariff; or

2.5.4.H.(1).(f).(ii) Using tricks, schemes, fake or invalid numbers, false credit devices, electronic devices; or

2.5.4.H.(1).(f).(iii) Any other fraudulent means or devices; or

2.5.4.H.(2) Immediately upon written notice to the Customer of any sum thirty (30) days past due;

2.5.4.H.(3) Immediately upon written notice to the Customer, after failure of the Customer to comply with a request made by the Company for security for the payment of service in accordance with Section 2.5.4.A, above; or

2.5.4.H.(4) Seven (7) days after sending the Customer written notice of noncompliance with any provision of this tariff if the noncompliance is not corrected within that seven (7) day period. The discontinuance of service(s) by the Company pursuant to this Section does not relieve the Customer of any obligation to pay the Company for charges due and owing for service(s) furnished up to the time of discontinuance.

2.5.4.I In the event the Company incurs fees or expenses, including attorney's fees, in collecting, or attempting to collect, any charges owed the Company, the Customer will be liable to the Company for the payment of all such fees and expenses reasonably incurred.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.5 Payment Arrangements (Cont'd)****2.5.5 Cancellation of Application for Service**

2.5.5.A Applications for service are noncancellable unless the Company otherwise agrees. Where the Company permits the Customer to cancel an application for service prior to the start of service or prior to any special construction, no charges will be imposed except as may be specified in this Section and Section 3.2.3.

2.5.5.B Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs the Company incurred, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of services ordered, including installation charges, and all charges others levy against the Company that would have been chargeable to the Customer had service begun.

**2.5.6 Late Payment Charge**

2.5.6.A Payment will be due as specified on the Customer bill. Commencing after that due date, a late charge of up to the highest interest rate allowable by law will be applied to all amounts past due.

2.5.6.B Collection procedures and the requirement for a deposit are unaffected by the application of a late payment charge. The late payment charge does not apply to unpaid balances associated with disputed amounts. Undisputed amounts on the same bill are subject to the late payment charge if unpaid and carried forward to the next bill.

2.5.6.C Service may be denied or discontinued at the Company's discretion for nonpayment of amounts due the Company past the due date as specified in 2.5.6.A. Restoration of Service will be subject to all applicable installation charges.

**2.5.7 Returned Check Charge**

In cases where the Company issues direct bills to Customers, and payment by check is returned for insufficient funds, or is otherwise not processed for payment, there will be a charge as set forth herein. Such charge will be applicable on each occasion when a check is returned or not processed.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.6 Allowances for Interruptions in Service**

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

**2.6.1 Credit for Interruptions**

2.6.1.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.

2.6.1.B For Switched Access Service, no credit will be allowed for an interruption of less than 24 hours. After the first 24 hour period, a credit equal to 1/30 of the Direct Connect facilities charges will be applied to each interruption which is in excess of twelve hours and up to 24 hours.

## ACCESS SERVICE

### 2. REGULATIONS (Cont'd)

#### 2.6.2 Limitations on Allowances

No credit allowance will be made for:

- 2.6.2.A interruptions due to the negligence of, or noncompliance with the provision of this tariff by, the Customer, Authorized User, Joint-User, or other Common Carrier providing service connected to the service of Company;
- 2.6.2.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;
- 2.6.2.C interruptions due to the failure or malfunction of non-Company equipment;
- 2.6.2.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;
- 2.6.2.E interruptions of service during a 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;
- 2.6.2.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;
- 2.6.2.G interruption of service due to circumstances or causes beyond the control of the Company.
- 2.6.2.H Use of Alternative Service Provided by the Company: Should the Customer elect to use an alternative service provided by the Company during the period that a service is interrupted, the Customer must pay the tariffed rates and charges for the alternative service used.



**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.6 Allowances for Interruptions in Service (Cont'd)****2.6.3 Cancellation for Service Interruption**

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

**2.7 Cancellation of Service**

2.7.1 If a Customer cancels services before the completion of the term for any reason whatsoever other than a service interruption (as defined in Section 2.6.1 above), the Customer agrees to pay to the Company the following sums which shall become due and owing as of the effective date of the cancellation or termination and shall be payable within the period set forth in Section 2.5.2: all costs, fees and expenses reasonably incurred in connection with 1) all Non-Recurring Charges reasonably expended by the Company to establish service to Customer, plus 2) any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by Company on behalf of Customer, plus 3) all Recurring Charges specified in the applicable tariff for the balance of the then current term.

**2.8 Transfers and Assignments**

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

## ACCESS SERVICE

### 2. **REGULATIONS** (Cont'd)

#### 2.9 Notices and Communications

- 2.9.1 The Customer shall designate on the Service Order an address to which the Company shall mail or deliver all notices and other communications, except that the Customer may also designate a separate address to which the Company's bills for service shall be mailed.
- 2.9.2 The Company shall designate on the Service Order an address to which the Customer shall mail or deliver all notices and other communications, except that the Company may designate a separate address, on each bill for service, to which the Customer shall mail payment on that bill.
- 2.9.3 All notices or other communications required to be given pursuant to this tariff shall be in writing. Notices and other communications of either party, and all bills mailed by the Company, shall be presumed to have been delivered to the other party on the third business day following deposit of the notice, communication, or bill with the U.S. Mail or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.
- 2.9.4 The Company or the Customer shall advise the other party of any changes to the addresses designated for notices, other communications or billing, by following the procedures for giving notice set forth herein.

**ACCESS SERVICE****3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE**

3.1 General: This section sets forth the regulations and order related charges for Access Service Requests (ASR) for Switched Access Service, as defined in this tariff. These charges are in addition to other applicable charges set forth in other sections of this tariff.

3.1.1 Ordering Conditions: All services offered under this tariff will be ordered using an ASR. The format and terms of the ASR will be as specified in the industry Access Service Order Guidelines, unless otherwise specified herein. A Customer may order any number of services of the same type and between the same premises on a single ASR. All details for services for a particular order must be identical.

The Customer shall provide all information necessary for the Company to provide and bill for the requested service. When placing an order for Access Service, the Customer shall provide the following minimum information:

3.1.1.A Customer name and Premise(s) address;

3.1.1.B Billing name and address (when different from Customer name and address); and

3.1.1.C Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

The order date (Application Date) is the date on which the Company receives a firm commitment and sufficient information from the Customer to allow processing of the ASR. The Customer is advised of the critical events in the provisioning process, the Application Date, the Plant Test Date and the Service Commencement Date, at the time the Company gives the Customer a Firm Order Confirmation (FOC).

## ACCESS SERVICE

### 3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

#### 3.1 General (Cont'd)

- 3.1.2 Provision of Other Services: Unless otherwise specified herein, all services offered under this tariff shall be ordered with an ASR.

With the agreement of the Company, other services may subsequently be added to the ASR at any time, up to and including the service date for the Access Service. When added subsequently, charges for a Design Change as set forth in Section 12.3.5.C will apply when an engineering review is required. (T)

Additional Engineering is not an ordering option, but will be applied to an ASR when the Company determines that Additional Engineering is necessary to accommodate a Customer request. Additional Engineering will be provided by the Company at the request of the Customer only when a Customer requests additional technical information after the Company has already provided the technical information included on the Design Layout Report as set forth herein. The Customer will be notified when Additional Engineering is required, 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 Engineer, a firm order will be established. If the Customer does not want the service or facilities after being notified by the Company that Additional Engineering is required, the Customer may cancel the order and no charges will apply. Once a firm order has been established, the total charge to the Customer for the Additional Engineer may not exceed the original estimated amount by more than ten (10) percent.

#### 3.2 Access Order

Access Order: An ASR is required by the Company to provide a Customer Switched Access Service, as described herein. An ASR will be required for each new similar service arrangement or group of common circuits.

When a Customer requests new or additional Switched Access Service, one or more ASR's may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

**ACCESS SERVICE****3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)****3.2 Access Order (Cont'd)****3.2.1 Access Service Date Intervals:** Access Service is provided with one of the following Service Date intervals:

- Standard Interval
- Negotiated Interval

The Company will provide a FOC and the Service Commencement Date contingent on the ASR being complete as received. To the extent the Access Service can be made available with reasonable effort, the Company will provide the Access Service in accordance with the Customer's requested interval, subject to the following conditions:

3.2.1.A Standard Interval: The Standard Interval for Switched Service will be published.

3.2.1.B Negotiated Interval: The Company will negotiate a Service Date interval with the Customer when:

- 3.2.1.B.(1) The Customer requests a Service Date before or beyond the applicable Standard Interval Service Date; or
- 3.2.1.B.(2) There is no existing facility connecting the Customer premises with the Company; or
- 3.2.1.B.(3) The Customer requests a service that is not considered by the Company to be a standard service offering (for example, if Additional Engineering is required to complete the order); or

**ACCESS SERVICE****3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)****3.2 Access Order (Cont'd)**

- 3.2.1.B.(4) The Company determines that Access Service cannot be installed within the Standard Interval.

The Company will offer a Service Date based on the type and quantity of Access Service the Customer has requested. The Negotiated Interval may not exceed, by more than six months, the Standard Interval Service Date, or, when there is no Standard Interval, the Company offered Service Date.

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

- 3.2.2 Access Service Request Modifications: The Customer may request a modification of its ASR prior to the Service Commencement Date. All modifications must be in writing using the industry ASR process. The Company, in its sole discretion, may accept a verbal modification from the Customer. The Company will make every effort to accommodate a request modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. Charges for access Service Order modification will apply as set forth below, on a per occurrence basis.

- 3.2.2.A Service Commencement Date Charges: ASR service dates for the installation of new services or rearrangement of existing services may be changed, but the new service date may not exceed the original Service Commencement Date by more than 30 calendar days. When, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Company accordingly delays the start of service, a Service Date Change Charge will apply. In addition, when the Customer submits a request for a Service Date Change that is less than five (5) business days from the date of notification by the Customer, a Service Date Change Charge and an Expedited Order Charge will apply. No Expedited Order Charge will apply if the Customer requests a Service Date Change that is more than five (5) business days from the date of request by the Customer but earlier than the original requested Service Commencement Date.

## ACCESS SERVICE

### 3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

#### 3.2 Access Order (Cont'd)

If the Customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Company on the 31<sup>st</sup> day. Appropriate cancellation charges will be applied. If the Customer still requires the service, the Customer must place a new ASR with the Company.

The Service Date Change Charge will apply on a per order, per occurrence basis for each service date change. The applicable charges are set forth in Section 12.3.5.B. (T)

3.2.2.B Design Change Charge: The Customer may request a Design Change to the Service Ordered. A Design Change is any change to an ASR which requires an Engineering Review. An Engineering Review is a review by Company personnel of the Service Ordered and the requested changes to determine what change(s) in the design, if any, are necessary to meet the Customer's request. Design Changes include such changes as the addition or deletion of optional features or functions, a change in the type of Transport Termination (Switched Access only) or type of Channel interface. Any other changes are not considered Design Changes for the purpose of this subsection and will require issuance of a new ASR and the cancellation of the original ASR, the appropriate cancellation charges will apply.

The Design Change Charge will apply on a per order, per occurrence basis, for each order requiring a Design Change. The applicable charges, as set forth in Section 12.3.5.C are in addition to any service Date Change Charges that may apply. (T)

**ACCESS SERVICE****3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)****3.2 Access Order (Cont'd)**

3.2.2.C Expedited Order Charge: When placing an Access Order for service(s) for which a Standard Interval exists, a Customer may request a Service Commencement Date that is earlier than the Standard Interval Service Date, in which case an Expedited Order Charge will apply. The Expedited Order Charge will not apply if the new Service Commencement Date is more than five (5) days from the date of the request to the Company of the expedited order request. The request for an earlier service date may be received from the Customer prior to its issuance of an ASR, or after the ASR has been issued but prior to the service date. The Company has the exclusive right to accept or deny the Expedited Order Charge request. However, if, upon reviewing availability of equipment and scheduled work load, the Company agrees to provide service on an expedited basis and the Customer accepts the Company's proposal, an Expedited Order Charge will apply.

If the Company is subsequently unable to meet an agreed upon expedited service date, then the Expedited Order Charge will not apply.

In the event the Company provides service on an expedited basis at the Customer's request, and the Customer delays service or is not ready for delivery of service at the time of installation, a Service Date Change Charge will apply in addition to the Expedited Order Charge.

In the event that the Customer cancels an expedite request, the Expedited Order Charge will be added to any applicable Cancellation Charge specified herein.

In the event that the Customer requests a Service Date Change after the Company has received the original expedite request, the Expedited Order Charge will still apply.

An Expedited Order Charge will not be applied to orders expedited for Company reasons.



## ACCESS SERVICE

### 3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

#### 3.2 Access Order (Cont'd)

If costs other than additional administrative expenses are to be incurred when the Access Order is expedited, the regulations and charges for Special Construction as set forth in this tariff will apply.

The Expedited Order Charge will apply on a per order, per occurrence basis, as specified in Section 12.3.5.E.

(T)

- 3.2.3 Cancellation of an Access Service Request: A Customer may cancel an ASR for the installation of Switched Access Service at any time prior to notification by the Company that service is available for the Customer's use. The cancellation date is the date the Company receives written or verbal notice from the Customer that the order is to be canceled. The verbal notice must be followed by written confirmation within ten (10) days. A Customer may negotiate an extension of a service date of an ASR for installation of new service or rearrangement of existing service, in which case a Service Date Change Charge will apply. However, the new service date cannot exceed the originally established service date by more than 30 calendar days. On the 31<sup>st</sup> day beyond the original service date, the ASR will be canceled and the appropriate Cancellation Charge will be applied.

Except as - herein, Cancellation Charges will apply as specified in Section 12.3.5.F.

(T)

If the cancellation occurs prior to the Company's receiving the ASR, no charges shall apply.

If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotion, the Company shall not be liable for such delay and the Customer may cancel the ASR without incurring cancellation charges.

- 3.2.4 Minimum Period of Service: The minimum period for which Access Service is provided and for which charges are applicable is one month.

**ACCESS SERVICE****3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)****3.2 Access Order (Cont'd)**

3.2.4.A The following changes will be treated as a discontinuance of the existing service and a request for installation of a new service. All associated Non-Recurring Charges will apply for the new service, and a new minimum period will be established:

- 3.2.4.A.(1) A change in the identity of the Customer of record;
- 3.2.4.A.(2) A move by the Customer to a different building;
- 3.2.4.A.(3) A change in type of service;
- 3.2.4.A.(4) A change in Switched Access Service Interface (i.e. DS-1 or DS-3);
- 3.2.4.A.(5) A change in Switched Access Service Traffic Type.

3.2.4.B When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

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

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

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

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE****4.1 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 and an end user's premises. It provides for the use of common terminating, switching and transport facilities. Switched Access Service provides 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 location to an end user's premises.

**4.2 Provision and Description of Switched Access Service Arrangements**

Switched Access Service is provided in the following service type:

**4.2.1 Feature Group D (FGD) Access**

FGD Access, which is available to all Customers, is provisioned at the DS-1 level and provides trunk-side access to Company Local Switching center switches, with an associated uniform 10XXX Access Code for the Customer's use in originating and terminating communications. Basic FGD service will be provided with SS7 (Multi-Frequency In Band Signaling is also available as a Common Switching Option for Feature Group D). End users of the Customer's service may also originate calls to certain FGD Access Customers without dialing the 10XXX Access Code if the end user is presubscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code of the form 10XXX. A single Access Code will be the assigned number of all FGD access provided to the Customer by the Company. No Access Code is required for calls to a Customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for Presubscription to that Customer, as set forth herein.

Where no Access Code is required, the number dialed by the Customer's end user shall be a seven or ten digit number for calls in the North America Numbering Plan (NANP), except for 00-dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the Customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XYCXX, and, when the Local Switching Center is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

## ACCESS SERVICE

### 4. SWITCHED ACCESS SERVICE (Cont'd)

#### 4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

##### 4.2.1 Feature Group D (FGD) Access (Cont'd)

(T)

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

In addition, end users may originate calls by dialing the 950-XXXX Access Code specified to a particular Interexchange Carrier, provided that the Interexchange Carrier has subscribed to the Company's Feature Group D with 950 Access (Feature Group B) Common Switching Optional Feature. If the end user is presubscribed to that Interexchange Carrier, no Access Code is necessary.

##### 4.2.2 Manner of Revision

Trunks used for Switched Access Service may be configured for one-way (either originating only or terminating only) or for two-way directionally. It is the Customer's responsibility to order a sufficient number of trunks of each type in order to meet its desired grade of service objective. At the Customer's request, the Company will assist the Customer in sizing Switched Access Trunk groups.

## ACCESS SERVICE

### 4. SWITCHED ACCESS SERVICE (Cont'd)

#### 4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

##### 4.2.3 Common Line Access Service

Common Line Access Service provides for the use of Company common lines by end users and Interexchange Carriers who utilize local exchange service from the Company under its local exchange tariffs and/or price lists in the provision and/or use of interstate telecommunications service.

##### 4.2.3.A Interstate Access Charge (IAC)

When an end user obtains local exchange service from the Company, the IAC per month rate is assessed to the end user of the associated local exchange service. The IAC is assessed directly to the end user. IAC rates are listed in the Company's Domestic and International Price List which can be found on the Company's website at:  
[http://www.integratelecom.com/about/Public\\_Information\\_and\\_Policy/](http://www.integratelecom.com/about/Public_Information_and_Policy/).  
Rates are subject to change.

(C)  
—  
(C)

##### 4.2.3.B Presubscribed Interexchange Carrier Charge (PICC)

The PICC is assessed to the presubscribed carrier when an end user obtains local exchange service from the Company and identifies an interexchange carrier as the presubscribed carrier. If the end user chooses not to presubscribe to an interexchange carrier, the PICC is assessed directly to the end user.

(D)  
—  
(D)

##### 4.2.3.C PIC Change Charge

Customers may be subscribed to the carrier of their choice for both interLATA and intraLATA service. The Customer will incur a charge as provided in Section 12 of this tariff each time the Customer makes a change of interLATA long distance carrier, not including the Customer's initial choice of carrier.

## ACCESS SERVICE

### 4. **SWITCHED ACCESS SERVICE** (Cont'd)

#### 4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

##### 4.2.4 Rate Categories

4.2.4.A. There are two (2) bundled rate categories for Switched Access Service.

Bundled Originating Access Charge, and  
Bundled Terminating Access Charge.

4.2.4.B. There are two (2) common line rate categories:

(Z)

Interstate Access Charge  
Presubscribed Interexchange Carrier Charge

(D)

4.2.4.C. Chargeable Optional Features

Following is a description of the rate categories for the facilities required to  
provide Switched Access Services to the customer.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.4 Rate Categories (Cont'd)**

(T)

**4.2.4.C Chargeable Optional Features (Cont'd)**

(Z)

Where facilities permit, the Company will, at the option of the customer, provide the following chargeable optional features.

**4.2.4.C.(1) 800/888 Series Data Base Access Service**

(Z)

Series Data Base Access Service is provided to all customers in conjunction with FGD switched access service. When a 1+800+XXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800/888 series data base to identify the customer to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified customer over FGD switched access.

A Basic or Vertical Feature Query charge is assessed for each query launched to the data base which identifies the customer to whom the call will be delivered. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800/888 series type calls by companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification as the basic query and vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800/888 series numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of 800/888 series type calls based on factors such as time of day, place or origination of the call, etc.); and (4) multiple carrier routing [which allows subscribers to route to different carriers based on factors similar to those in (3)].

## ACCESS SERVICE

### 4. SWITCHED ACCESS SERVICE (Cont'd)

#### 4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

##### 4.2.5 Descriptions and Application of Rate (Z)

##### 4.2.5.A Recurring Rates (Z)

4.2.5.A.(1) Usage Rates for Switched Access Service are rates that apply on a per access minute or a per call basis. Access minute charges and per call charges are accumulated over a monthly period. (Z)

4.2.5.A.(2) Flat Rates for Switched Access Service are rates that apply on a per month per rate element basis. (Z)

##### 4.2.5.B Nonrecurring Charges (Z)

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in Section 12 following.

##### 4.2.5.B.(1) Installation of Service (Z)

A nonrecurring installation charge, as set forth in Section 12 following, will be applied at the service wire center for each Entrance Facility installed.



**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.5 Descriptions and Application of Rate, (Cont'd) (T)****4.2.5.B Nonrecurring Charges, (Cont'd) (T)****4.2.5.B.(2) Service Rearrangements (Z)**

All changes to existing services other than changes involving administrative will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity.

For conversion of FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to multifrequency address signaling, nonrecurring charges will apply as set forth in Section 12.

**4.2.6 Billing Validation Service (Z)**

The Company shall arrange to have its billing validation data stored in one of the existing Line Information Database (LIDB). It will be the responsibility of the Customer to identify this database through established industry procedures and to query the billing validation data in the LIDB. Based on the received query information, the LIDB will respond with an SS7 formatted confirmation of validity or denial for the requested billing option. Access in LIDB provides Customer with potential toll fraud detection.

The LIDB will contain a record for every working line number and Billed Number Group served by the Company.

The Company will update the LIDB information on a daily basis.

LIDB service is provided on an on-line, call-by-call basis. Company data accessed from the LIDB shall remain the sole property of the Company and may not be stored or reproduced by the Customer for any reason.

The Company will have procedures in place to deactivate billing validation data in the event that it is being used fraudulently.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.7 Acceptance Testing**

(Z)

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

**4.2.8 Ordering Options and Conditions**

(Z)

Access Service is ordered under the Access Order provisions set forth in Section 3.2.

**4.2.9 Competitive Pricing Arrangements**

(Z)

Competitive pricing arrangements for Local Transport-Entrance Facilities and Local Transport-Direct Trunked Transport can be furnished to meet the communication needs of specific customers on a case-by-case basis under individual contract.

**4.3 Obligations of the Company**

In addition to the obligations of the Company set forth in other sections of this tariff, the Company has certain other obligations concerning the provision of Switched Access service. These obligations are as follows:

**4.3.1 Network Management**

The Company will administer its network to ensure 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 network. The Company reserves 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. The Customer will notify the Company of anticipated peaked services as stated below. Based on the information provided, the Company will work cooperatively with the Customer to determine the appropriate level of control. 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 a credit allowance for service interruption as set forth in 2.6.

## ACCESS SERVICE

### 4. SWITCHED ACCESS SERVICE (Cont'd)

#### 4.3 Obligations of the Company (Cont'd)

##### 4.3.1 Network Management, (Cont'd)

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When a Customer uses the Company's facilities to offer services for which a substantial call volume or peaked service is expected during a short period of time, the Customer must notify the Company at least 24 hours in advance of each peak period. For events scheduled during weekends or holidays, the Company must be notified no later than 5:00 p.m. local time the prior business day. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the NPA NXX and line number(s) to be used. On the basis of the information provided, the Company may invoke network management controls if required to reduce the probability of excessive network congestion. The Company will work cooperatively with the Customer to determine the appropriate level of such control. Failure to provide prescribed notification may result in Customer caused network congestion, which could result in discontinuance of service under Section 2.

#### 4.4 Switched Access Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups for Switched Access Service.

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**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE** (Cont'd)4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features4.4.2.A Common Switching Optional Features4.4.2.A.(1) Alternate Traffic Routing

This option provides the capability of directing originating traffic from a Local Switching Center to a direct access Trunk group, with additional traffic overflowing to the access Tandem Trunk group and then to a Customer designated premises. Multiple Customer premises Alternate Routing is also available where originating traffic from a Local Switching Center is directed via a Trunk group to a Customer designated premises until that group is fully loaded, and then additional originating traffic from the same Local Switching center or access tandem is delivered via a different Trunk group to a second Customer designated Premise. The Customer shall specify the last Trunk CCS desired for the high use group.

4.4.2.A.(2) Automatic Number Identification (ANI)

This option provides the automatic in-band transmission signaling of a seven or ten digit number and information digits to the Customer's premises for calls originating in the LATA for the identification of the calling station. The ANI feature is a Local Switching center software function which is associated on a call-by-call basis with: 1) all individual transmission paths in a trunk group routed directly between a Local Switching Center and a Customer's premises; or where technically feasible, 2) all individual transmission paths in a Trunk group between and Local Switching Center and an Access Tandem, and a Trunk group between and Access Tandem and a Customer's premises.

The ten-digit ANI telephone number is only available with Feature Group D. The ten-digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven-digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multi-party line or ANI failure in which case only the NPA will be transmitted.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE** (Cont'd)4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features (Cont'd) (T)4.4.2.A Common Switching Optional Features (Cont'd) (T)4.4.2.A.(3) Cut-Through

This option allows end users of the Customer to reach the Customer's premises by using the end of dialing digit (#) at the end of the dialing sequence. The Company will not record any other dialed digits for these calls.

4.4.2.A.(4) Service Class Routing

This option provides the capability of directing originating traffic from a Local Switching Center to a Trunk group to a Customer designated premises, based on the line class of service and service prefix indicator. A domestic Interexchange Carrier may not order more than four different routes per Local Switching Center or Access Tandem. An international Interexchange Carrier may order up to four additional routes.

4.4.2.A.(5) Feature Group D with 950 Access (Feature Group B)

This option provides for the routing of originating calls, dialed using a 950-10XX or 950-1XXX Access Code, to the FGD Customer using FGD signaling protocols and technical specification. The Customer is responsible for distinguishing between standard FGD calls and 950-dialed calls delivered over the same trunks.

4.4.2.A.(6) Basic Initial Address Message Delivery

This option permits the following optional SS7 signaling call setup parameters: User Service Information, Called Party Number, calling Party Number, Charge Number, Originating Line Information, Transit Network Selection, Carrier Selection, Service Code and Access Transport.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE** (Cont'd)4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features (Cont'd) (T)4.4.2.A Common Switching Optional Features (Cont'd) (T)4.4.2.A.(7) Called Directory Number Delivery

This option provides the Customer with the telephone number to which the call was directed. The seven or ten digit number is provided as part of the in-band transmission with MF signaling. The Called Directory Number Delivery feature is associated on a call-by-call basis with all individual transmission paths in a Trunk group routed from an Access Tandem or the originating Local Switching Center. This option is available except when FGD is provided with 950 access (Feature Group B) or Cut-Through features.

4.4.2.A.(8) Flexible Automatic Number Identification Delivery

This feature is a network enhancement to ANI. The feature is available on inbound signaling or in the Originating Line Information Parameter in the Basic Initial Address Message Delivery optional feature for SS7 signaling. Flexible ANI will provide additional values for Information Indicator (II) digits that are associated with various classes of service not associated with the standard ANI digits. This feature may only be used in conjunction with ANI. The following Information Indicator codes are available: Confinement/Detention Facilities; Outward Wide Area Telecommunications Service; Cellular Service; Private Pay Station; and, Access for Private Virtual Networks.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling****4.5.1 General**

The Company's Common Channel Signaling Network (CCSN) is a digital data network carrying signaling information that interfaces with the Company's voice/data network for services using the American National Standards Institute (ANSI) CCS7 signaling protocol.

**4.5.2 Common Channel Signaling Access Capability**

Common Channel Signaling Access Capability (CCSAC) allows a customer to connect with the Company's SS7 network. CCSAC is used in conjunction with other SS7 based features and services. CCSAC provides the means for transmitting SS7 out of band signaling information via Switched Access CCS Links between the customer's Signaling Point of Interface (SPOI) and the Company's Signal Transfer Point (STP). The STP provides translations and routing functions for SS7 signaling messages received from the Company's network signaling points and the SS7 networks of other entities. There are two types of signaling messages. ISDN User Part (ISUP) messages are used for call set-up (establishing and closing transmission paths for voice and data calls over the public switched network). Transaction Capabilities Application Part (TCAP) messages are used to carry information between signaling points for call related database services. CCSAC acts as a platform for the following applications.

**4.5.2.A Call Set-Up**

This application provides the customer the capability to send originating and terminating call set-up signaling information, via ISUP messages, between the customer's designated premises, the Company's STP and other entities in association with message telecommunications service. Call Set-Up may be associated with calls that utilize the Company's switched access network or may be associated with calls that do not utilize the Company's switched access network.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE** (Cont'd)**4.5 Common Channel Signaling** (Cont'd)**4.5.3 Service Description**

CCSAC is provided by a CCS Link. The CCS Link provides digital bi-directional transmission and operates at a DSO-A level (i.e., 56 kbps of CCS7 signaling data and 8 kbps of control/supervisory data). Each DSO-A channel (link) occupies a single DSO (i.e., 64 kbps) channel of a 24 channel DS1 digital transmission system. The DSO-A channel (link) is multiplexed into a DS1 format for hand off at the customer's SPOI. One STP Port is required for each 56 kbps signaling link utilized for CCSAC at the Company STP. The customer's SPOI and the Company's STP wire center must be located within the same LATA. The STP Port is the point of termination to the signal switching capability of the STP and is dedicated to the customer. The CCS Link is transported via an Entrance Facility and a Direct Link Transport (DLT) facility as described in 4.5.3.A and 4.5.3.B, following, and is utilized exclusively for connecting the customer's CCS network and the Company's CCSN for the transmission of network control signaling data only.

**4.5.3.A. Entrance Facility**

The Entrance Facility provides the connection from the customer's SPOI to the serving wire center (SWC) of the customer's SPOI on a dedicated DS1 facility ordered as set forth in this section and is utilized exclusively for the transmission of network control signaling data only.



**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.3 Service Description (Cont'd)****4.5.3.B. Direct Link Transport (DLT)**

The DLT provides for the transmission facilities between the SWC of the customer's SPOI and the Company's STP. The customer has the option of ordering a DS1 DLT facility from this section, utilized exclusively for the transmission of network control signaling data only, or a single DSO-A channel (i.e., 64 kbps) of a 24 channel DS1 facility. The customer may utilize an existing DS1 DLT facility previously ordered from this section for additional CCS Links or order a new DS1 DLT or a DSO DLT facility. Company hubbing arrangements can be utilized for CCSAC. In addition, the customer must order the DS1 or DSO DLT from the Company Hub to the Company STP. When the customer orders a DS1 DLT facility from the SWC of the customer's SPOI or a Company Hub to a Company STP, it is dedicated to, and controlled by, the customer. The customer must order a DS1 to DSO Multiplexer at the Company STP for termination into the STP Port. Multiplexing rates are set forth in 12.8.5, following. When the customer orders a DSO DLT channel, the Company will provide the multiplexing equipment at a location determined by the Company as part of its overall network design at no additional charge. When the customer chooses to order multiplexing equipment at a specific location, the customer is assessed multiplexing rates as set forth in 12.8.5, following. The facility used to transport the DSO channel(s) is controlled by the Company and may contain other network control signaling channels as determined by the Company.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.4 Rate Categories and Applications**

There are four types of charges that may apply for the CCS Links and the associated services. These are nonrecurring, monthly, message and query charges. CCSAC rates and charges are set forth in 12.8, following. Switched Access rates, as set forth in 12.1, are not applicable.

**4.5.4.A. Nonrecurring Charges****4.5.4.A.(1) Installation Charges**

Each CCS Link is assessed a nonrecurring installation charge provided on a first and each additional link basis, per order. A nonrecurring charge is also assessed for each DS1 Entrance Facility provided.

**4.5.4.A.(2) CCSAC Option Activation Charge**

The CCSAC Option Activation charge is assessed for adding or changing a point code in the signaling network for the specific application being requested and if that application is considered to be a basic or database application. When the customer initially orders CCSAC Service and the associated application, the first point code is provided at no charge. Each additional point code on the same order is assessed the "Each Additional Point Code" rate. When the customer has existing CCSAC link(s) and chooses to change or add a point code in the STP, the first point code, is assessed the "First Point Code Activation" charge and each additional point code is assessed the "Each Additional Point Code" charge, per access order, per translation basis (i.e., basic or database). The activation charge for the CCSAC link(s) shall be billed to the CCSAC customer.

**4.5.4.A.(3) Service Rearrangements**

Any change in CCSAC service, except a change in jurisdiction or point code changes, shall be treated as a discontinuance of the existing service and an installation of a new service.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.4 Rate Categories and Applications (Cont'd)****4.5.4.B Monthly Charges**

The Entrance Facility monthly rate is assessed on a per DS1 facility provided when the Entrance Facility is ordered from this section for CCSAC. For each DLT facility provided, DSO or DS1, a fixed monthly rate per mile band, and a monthly rate per mile is assessed. Mileage measurement is calculated on a airline mile basis, using the V&H coordinates method, between the SWC of the customer's SPOI and the Company's STP. When DLT facilities of different capacities are connected by a multiplexer at a Company Hub, mileage is measured separately from the SWC of the customer's premises to the Company Hub, where multiplexing occurs, and then measured from the Company Hub to the Company STP. An STP Port is provided for each CCS Link and each STP Port is assessed a monthly rate. EF and DTT multiplexing equipment is assessed a monthly rate per arrangement provided.

**4.5.4.C. Message Charges**

Message charges, as set forth in 12.8.7, following, are assessed based on the type of message protocol, ISUP or TCAP. ISUP messages are associated with call set-up, while TCAP messages are used to query call related data bases. ISUP message charges are assessed per call set-up request and TCAP message charges are assessed per data request. Message charges do not apply for TCAP messages switched by the regional STPs to the Company provided 800 Data Base, LIDB or LNP Data Base. Query charges are assessed in lieu of message charges. Query charges for 800 Data Base are assessed as set forth in 12.3.4 following. When TCAP messages are destined for a foreign data base, including a non-company provided LNP Data Base, message charges are assessed in lieu of query charges. Message charges are assessed in the following manner. (Z)

## **ACCESS SERVICE**

### **4. SWITCHED ACCESS SERVICE (Cont'd)**

#### **4.5 Common Channel Signaling (Cont'd)**

##### **4.5.4 Rate Categories and Applications (Cont'd)**

##### **4.5.4.C Message Charges (Cont'd)**

###### **4.5.4.C.(1) Signal Formulation**

An ISUP Signal Formulation charge is assessed, per call set-up request, for formulating signaling messages in association with call set-up.

###### **4.5.4.C.(2) Signal Transport**

An ISUP Signal Transport charge is assessed, per call set-up request, for signaling messages transported to or from the Company STP in association with call set-up. A TCAP Signal Transport charge is assessed per data request transported to or from a Company STP and destined for a foreign data base.

###### **4.5.4.C.(3) Signal Switching**

An ISUP Signal Switching charge is assessed per call set-up request that is switched at the Company STP. A TCAP Signal Switching charge is assessed for each data request that is switched by the Company STP and destined for a foreign network or data base.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.5 Ordering Requirements**

When a customer orders CCSAC, the customer must specify the customer STP premises, the number of CCS Links and the service (application) requiring CCSAC connectivity. One STP Port is provided for each link ordered. In addition, the customer must specify, at a minimum, information for the Entrance Facility and the DLT as described following. The customer must have capacity available on an existing DS1 Entrance Facility (ordered and provisioned from this section) between the customer's SPOI and the SWC of the customer's SPOI with a compatible interface or request a DS1 Entrance Facility. If the Entrance Facility is existing, the customer shall provide the Circuit Facility Assignment (CFA) of the existing facilities that will be utilized. In addition the customer must specify the type of DLT facility, DS1 or DSO, to be utilized or provided between the SWC of the customer's SPOI and the Company's STP. The Company will allow Company provided hubbing arrangements in association with CCSAC. The customer may use a portion of a DS3 facility (i.e., DS1) for the CCS Link(s) from the SWC of the customer's SPOI to the Company Hub and then order the DS1 or DSO DLT from the Company Hub to the Company's STP. If the customer requests a DS1 DLT, multiplexing equipment must be ordered at the Company's STP. When a customer orders CCSAC in association with other services (e.g., Feature Group D with SS7 Out of Band Signaling for call set up or LIDB) separate orders shall be issued. (T)

**4.5.6 Service Provisioning**

CCSAC transmission specifications, diversity requirements, testing parameters and design requirements for STP Links (i.e., CCS Signaling Links) are set forth in Technical References GR-905-CORE, GR-954-CORE. CCSAC network interface specifications between the Company STP location and the customer's STP location supporting Integrated Services Digital Network (ISDN) signaling are described in Technical Reference GR-905-CORE. CCSAC is provided from either the customer's Signaling Point (SP) which requires a minimum of two STP Links and two STP Ports or from the customer's Signaling Transfer Point (STP) which requires a minimum of four STP Links and four STP Ports. A group of signaling links that connect the same two signaling points is described as a link set. There are a maximum of 16 signaling links located within one link set. The quantity of CCS Links required is based upon diversity requirements. Diversity is provided as mutually agreed upon by the Company and the customer based upon the availability of facilities from the customer's SPOI location to the Company's STP.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.7 Performance Requirements**

The Company supports the performance standards for CCSN as defined in Technical Reference GR-905-CORE. The overall end-to-end CCSN network objective from any SP to any other SP is less than ten minutes unavailable access per year based on design and diversity requirements and the performance objective for any single SP, including a Service Control Point (SCP), is less than three minutes unavailable access per year. The combined link set from the SCP to the Signal Transfer Point (STP) has a performance objective of less than two minutes unavailable access per year. The Company will administer its CCSN network to ensure acceptable service provision levels. The Company maintains the right to apply protective controls to its CCSN as a result of occurrences such as failure or overload of CCSN facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Company result in the complete loss of CCSAC service by the customer, the customer will be entitled to a credit allowance for Switched Access service interruptions as set forth in 2.6.1, preceding.

**4.5.8 Testing Requirements****4.5.8.A. Acceptance Testing Requirements**

At no additional charge, the Company will cooperatively test with the customer, at the time of installation, network compatibility and other operational tests for CCSAC as described in Technical References GR-905-CORE. When Clear Channel Capability on FGD service is ordered as described in 6.3.1, preceding, the Company will cooperatively test with the customer, at the time of installation, CCSAC network compatibility and other operational tests for ISDN interworking as described in Technical Reference GR-905-CORE at no additional charge. Successful completion and acceptance of all testing requirements must occur in order to receive CCSAC service.

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**4.5.8.B. Additional Cooperative Acceptance Testing Requirements**

Additional Cooperative Acceptance tests for CCSAC are described in Technical References GR-905-CORE.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.5 Common Channel Signaling (Cont'd)****4.5.9 CCSAC Service Applications****4.5.9.A Call Set-up**

This application provides the customer the capability to send originating and terminating call set-up signaling information, via ISUP messages, between the customer's designated premises, the Company's STP and other entities in association with message telecommunications service. Call Set-Up may be associated with calls that utilize the Company's switched access network or may be associated with calls that do not utilize the Company's switched access network. If the message trunks are provided by the Company, the customer must order the associated Feature Group D trunks with SS7 Out of Band Signaling. Call Set-Up associated with calls that do not utilize the Company's switched access network is referred to as transient call set-up and the customer must have message trunks with SS7 capabilities. CCSAC Service as set forth in this section is required to provide both capabilities.

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**4.5.10 Local Number Portability Data Base Service****4.5.10.A. Testing Requirements**

At no additional charge, the Company will cooperatively test with the customer, at the time of installation, network compatibility and other operational tests for those customers utilizing Company CCSAC Links to reach the Company's LNP database.

**4.5.10.B. Performance Requirements**

The Company will administer its network to ensure the provision of acceptable service levels to all telecommunications users of the Company's network service. The Company maintains the right to invoke manual or automated protective control intervention to its network on a competitively neutral basis. These controls would generally be applied as a result of occurrences such as failure or overload of Company facilities, customer facilities or other networks, natural disasters, mass calling or national security.

## **ACCESS SERVICE**

### **4. SWITCHED ACCESS SERVICE (Cont'd)**

#### **4.5 Common Channel Signaling (Cont'd)**

##### **4.5.10 Local Number Portability Data Base Service**

##### **4.5.10.C. Service Rearrangements**

Any change in LNP CCSAC links shall be treated as a discontinuance of the existing service and an installation of a new service except as set forth following. When the customer has existing CCSAC links and chooses to add or change a point code for the associated existing CCSAC link(s), a CCSAC Option Activation charge applies to change the point code in the STP as set forth in 12.8.6, preceding.

##### **4.5.11 Application of Rates**

##### **4.5.11.A. There are three (3) rate categories of message charges:**

Signal Formulation - per call set-up request charge;  
Signal Transport - charge; and,  
Signal Switching - per call set-up or per data request charge.

##### **4.5.11B These charges will apply to all per call set-up and per data requests when Customer usage exceeds 5,000,000 messages per month.**



**ACCESS SERVICE****5. SPECIAL CONSTRUCTION****5.1 Special Construction****5.1.1 Basis for Rates and Charges**

Rates and charges for special construction will be determined by the Company on an Individual Case Basis and based, in part, on the costs incurred by the Company and may include (1) non-recurring type charges, (2) recurring type charges, (3) termination liabilities, or (4) combinations thereof.

**5.1.2 Termination Liability**

To the extent that there is no other requirement for use by the Company, a termination liability may apply for facilities specially constructed at the request of the Customer.

5.1.2.A The termination liability period is the initial service term with respect to said specially constructed facilities.

5.1.2.B The amount of maximum termination liability is equal to the rates and charges established pursuant to 5.1.1 above:

5.1.2.C The applicable termination liability charge is based on the normal method for calculating the unpaid balance of a term obligation. The amount of such charge is obtained by multiplying the sum of the amounts determined as set forth in Section 5.1.2.B preceding by a factor related to the unexpired period of liability and the discount rate for return and contingencies. This product is adjusted to reflect applicable taxes.

**5.2 Individual Case Basis Arrangement**

When the Company furnishes a facility or service for which a rate or charge is not specified in the Company's tariffs, charges will be determined on an Individual Case Basis. Specialize rates or charges will be made available to similarly situated Customers on a nondiscriminatory basis.

**ACCESS SERVICE****6. BILLING NAME AND ADDRESS**

Billing Name and Address (BNA) provides the billing name and address of an end-user who has an Automatic Number Identification recorded by the Customer (interexchange carriers, operative service providers, enhanced service providers and any other provider of interstate telecommunication services) for telecommunications services rendered by the Customer to its end-user. The receipt of this information will allow the Customer to provide its own billing to end-users who may have not have established a formal relationship with the Customer.

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

**6.1 Undertaking of the Company**

- 6.1.1 All requests for information will be by facsimile.
- 6.1.2 The Company will specify the format in which requests are to be submitted.
- 6.1.3 The BNA information will be provided for the calling number furnished to the extent a billing name and address exists in the Company's records. BNA information will not be provided for those end-users who have requested that their BNA not be disclosed for collect and bill to third party calls.
- 6.1.4 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 originated.

**6.2 Obligations of the Customer**

- 6.2.1 With each order for BNA Service, the Customer shall identify the authorized individual, the address, and/or the facsimile to receive the BNA information.

**ACCESS SERVICE**

**6. BILLING NAME AND ADDRESS (Cont'd)**

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

6.2.2 The Customer shall institute adequate internal procedures to insure that BNA information, including that related to “confidential” non-published and non-listed telephone numbers, is used only for the purpose set forth in this tariff and that BNA information is available only to those Customer personnel or agents with a need to know the information.

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

**6.3 Usage Rates**

Billing Name and Address (BNA) Customers will be assessed a per record rate for each BNA record requested. This rate is billed to the Customer on a monthly basis. The BNA per record rate applies regardless of whether the requested telephone number is available in the Telephone Company’s information database.

**ACCESS SERVICE**

**7. SPECIAL ACCESS SERVICE**

Special Access Service provides a transmission path to connect customer designated premises, directly, or through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office, or to connect a customer designated premises to a Public Packet Data Network Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

Rates and charges for Special Access Service are specified in Section 12 of this tariff.

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**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE****8.1 Definitions**

**ADSL** - See Asymmetric Digital Subscriber Line.

**analog** - A continuously varying signal or wave. As with all waves, analog waves are susceptible to interference, which can change the character of the wave.

**asymmetric digital subscriber line (ADSL)** - A group of DSL technologies that reserve more bandwidth in one direction than the other, which is advantageous for users that do not need equal bandwidth in both directions. See DSL.

**asynchronous** - Occurring at different times. For example, electronic mail is asynchronous communication because it does not require the sender and receiver to be connected at the same time.

**asynchronous transfer mode (ATM)** - A method of data transportation whereby fixed length packets are sent over a switched network. The ability to ensure reliable delivery of packets at a high rate makes it suitable for carrying voice, video and data.

**bandwidth** - A measure of capacity of communications media. Greater bandwidth allows communication of more information in a given period of time. Bandwidth is generally described either in terms of analog signals in units of Hertz (Hz), which describes the maximum number of cycles per second, or in terms of digital signals in units of bits per second.

**broadband** - An adjective used to describe large-capacity networks that are able to carry several services at the same time, such as data, voice, and video.

**CPE** - See customer premises equipment.

**customer premises equipment (CPE)** - Any piece of equipment in a communication system that resides within the home or office. Examples include modems, television set-top boxes, telephones and televisions.

**dedicated connection** - A communication link that operates constantly.

**dial-up connection** - A data communication link that is established when the communication equipment dials a phone number and negotiates a connection with the equipment on the other end of the link.

**digital signal** - A signal that takes on only two values, off or on, typically represented by "0" or "1." Digital signals require less power but (typically) more bandwidth than analog, and copies of digital signals can be made exactly like the original.

**digital subscriber line (DSL)** - A data communications technology that transmits information over the copper wires that make up the local loop of the public switched telephone network (See local loop.) It bypasses the circuit-switched lines that make up that network and yields much faster data transmission rates than analog modem technologies

**digital subscriber line access multiplexer (DSLAM)** - A device found in telephone company central offices that takes a number of DSL subscriber lines and concentrates these onto a single ATM line.

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**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE (Cont'd)****8.1 Definitions (Cont'd)**

**DSLAM** - See digital subscriber line access multiplexer.

**frame relay** - A high-speed packet switching protocol used in wide area networks (WAN's), often to connect local area networks (LAN's) to each other, with a maximum bandwidth of 44.725 megabits per second.

**G.dmt** - A kind of asymmetric DSL technology based on DMT modulation, which offers up to 8 megabits per second downstream bandwidth, 1.544 Megabits per second upstream bandwidth. "G.dmt" is actually a nickname for the standard officially known as ITU-T Recommendation G.992.1. (See International Telecommunications Union.)

**G.lite [pronounced "G-dot-light"]** - A kind of asymmetric DSL technology, based on DMT modulation, that offers up to 1.5 megabits per second downstream bandwidth, 384 Kilobits per second upstream, does not usually require a splitter and is easier to install than other types of DSL. "G.lite" is a nickname for the standard officially known as G.992.2. (See International Telecommunications Union.)

**HDSL** - See high bitrate digital subscriber line.

**high-bitrate digital subscriber line (HDSL)** - A symmetric DSL technology that provides a maximum bandwidth of 1.5 megabits per second in each direction over two phone lines, or 2 Megabits per second over three phone lines.

**high-bitrate digital subscriber line II (HDSL II)** - A descendant of HDSL, which offers the same performance over a single phone line.

**hybrid fiber/coax (HFC)** - A type of network that includes coaxial cables to distribute signals to a group of individual locations (typically 500 or more), and a fiber optic backbone to connect these groups.

**Hz** - See frequency.

**ISDL** - See ISDN digital subscriber line.

**integrated services digital network (ISDN)** - A circuit-switched communication network, closely associated with the public switched telephone network, that allows dial-up digital communication at speeds up to 128 kilobits per second.

**Internet service provider (ISP)** - An organization offering and providing Internet access to the public using computer servers connected directly to the Internet.

**ISDN** - See integrated services digital network.

**ISDN digital subscriber line (IDSL)** - A type of DSL that uses ISDN transmission technology to deliver data at 128kbps into an IDSL "modem bank" connected to a router.

**ISP** - See Internet service provider.

**Kilobit** - One thousand bits (see bit).

**Kilobyte** - One thousand bytes (see byte).

**last mile** - See local loop.

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**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE** (Cont'd)**8.1 Definitions** (Cont'd)

**local access transport area (LATA)** - The geographical areas defining local telephone service. Any call within a LATA is handled by the local telephone company, but calls between LATA's must be handled by long-distance companies, even if the same local telephone company provides service in both LATA's.

**LATA** - See local access transport area.

**local area network (LAN)** - A network connecting a number of computers to each other or to a central server so that the computers can share programs and files.

**LAN** - See local area network.

**local loop** - The copper lines between a customer's premises and a telephone company's central office (See central office).

**Mb/s** - Megabits per second.

**Megabit** - One million bits.

**modem (MODulator-DEModulator)** - A device that converts digital data into analog signals and vice-versa for transmission over a telephone line.

**narrowband** - A designation of bandwidth less than 56 kilobits per second.

**packet-switched network** - A network that allows a message to be broken into small "packets" of data that are sent separately by a source to the destination. The packets may travel different paths and arrive at different times, with the destination sites reassembling them into the original message. Packet switching is used in most computer networks because it allows a very large amount of information to be transmitted through a limited bandwidth.

**plain old telephone service (POTS)** - An acronym identifying the traditional function of a telephone network to allow voice communication between two people across a distance. In most contexts, POTS is synonymous with the public switched telephone network (PSTN).

**point of presence (POP)** - The physical point of connection between a data network and a telephone network.

**POP** - See point of presence.

**POTS** - See plain old telephone service.

**POTS splitter** - A device that uses filters to separate voice from data signals when they are to be carried on the same phone line, required for several types of DSL service.

**PRI-ISDN** - See primary-rate ISDN.

**primary-rate ISDN (PRI-ISDN)** - The primary rate ISDN interface provides 23 64 Kb/s channels (called B channels) to carry voice or data and one 16 Kb/s signaling channel (the D channel) for call information.

**RADSL** - See rate-adaptive asymmetric digital subscriber line.

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**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE (Cont'd)****8.1 Definitions (Cont'd)**

**rate-adaptive digital subscriber line (RADSL)** - A variation of DSL that uses carrierless amplitude phase modulation, divides the available frequencies into discrete sub-channels and also maximizes performance by adjusting the transmission to the quality of the phone line while in use.

**Router** - The central switching device in a packet-switched computer network that directs and controls the flow of data through the network.

**symmetric digital subscriber line (SDSL)** - A DSL technology that provides a maximum bandwidth of 1.5 megabits per second using one phone line, with a downstream transmission rate that equals the upstream transmission rate, and that allows use of POTS service on the same phone line. SDSL also refers to Single-Line Digital Subscriber Line. Contrast with Asymmetric Digital Subscriber Line.

**T-1** - A dedicated digital communication link provided by a telephone company that offers 1.544 megabits per second of bandwidth, commonly used for carrying traffic to and from private business networks and Internet service providers.

**T-3** - A dedicated digital communication link provided by a telephone company that offers 44.75 megabits per second of bandwidth, commonly used for carrying traffic to and from private business networks and Internet service providers.

**TCP/IP** - See transmission control protocol/Internet protocol.

**transmission control protocol/Internet protocol (TCP/IP)** - A method of packet-switched data transmission used on the Internet. The protocol specifies the manner in which a signal is divided into parts, as well as the manner in which "address" information is added to each packet to ensure that it reaches its destination and can be reassembled into the original message.

**twisted pair** - The set of two copper wires used to connect a telephone customer with a switching office, loosely wrapped around each other to minimize interference from other twisted pairs in the same bundle. Synonymous with 2-wire line.

**Universal ADSL Working Group (UAWG)** - An organization composed of leading personal computer industry, networking and telecommunications companies with the goal of creating an interoperable, consumer-friendly ADSL standard titled the G.992.2 standard, and commonly referred to as the G.lite standard.

**VDSL** - See very high bitrate digital subscriber line. very high bitrate digital subscriber line (VDSL) - An asymmetric DSL that delivers from 13 to 52 megabits per second downstream bandwidth and 1.5 to 2.3 megabits per second upstream.

**WAN** - See wide area network.

**wide area network (WAN)** - A network that interconnects geographically distributed computers or LANs.

**xDSL** - See DSL.

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**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE (Cont'd)****8.2 General**

DSL (Digital Subscriber Line) is a technology for bringing high-bandwidth Internet transmission to homes and businesses over plain old telephone (POTS) lines. DSL allows users to connect to the Internet over a POTS line at speeds much faster than those achieved using a typical modem line. It also allows subscribers to use a single POTS line simultaneously for voice and data, with no decrease in the data transmission speed. There are several varieties of DSL technology including - ADSL, IDSL, SDSL, RADSL, HDSL and VoDSL, which are collectively known as "xDSL".

Assuming a customer is connected to an Eschelon central office that provides DSL service, they may be able to receive data at rates of up to 1.1Mb per second. DSL technology provides symmetric and asymmetric bandwidth configurations to support both two-way and one-way communication needs. Local Exchange Service, as set forth in the Company's respective state Local Exchange Services Tariff, must be purchased separately. Internet Access must also be purchased separately.

**8.3 Provision and Description of DSL Service**

8.3.1 Eschelon DSL service is subject to the General Regulations of this tariff contained in Section 2.

8.3.2 DSL Service may be provisioned using one of the following service types, depending on availability, CO restrictions, customer equipment, and distance limitations:

8.3.2.A ADSL (Asymmetric Digital Subscriber Line) - Supports high-speed data communications speeds of up to 8Mb per second downstream and 640kb per second upstream. ADSL is also capable of providing a POTS voice connection over the same DSL line (although during the initial deployment, Eschelon will not offer the voice portion of the service.)

8.3.2.B IDSL (ISDN Digital Subscriber Line) - Delivers a symmetric 144kbps of bandwidth, 16kbps more than dial-up ISDN. IDSL does not support a POTS voice connection, nor does the customer receive two-numbers on the same line, as with ISDN. IDSL is the slowest variety of DSL, but it may be available to customers who are located too far from their CO to qualify for other DSL versions.

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## ADVANCED TELECOMMUNICATIONS SERVICES

### 8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE (Cont'd)

#### 8.3 Provision and Description of DSL Service (Cont'd)

8.3.2.C SDSL (Symmetrical Digital Subscriber Line) - Supports symmetrical service at 160kbps to 2.3Mbps, but does not support a POTS voice connection. SDSL's availability normally extends further from a customer's CO than ADSL, but not as far as IDSL.

8.3.2.D VoDSL (Voice Over Digital Subscriber Line) - VoDSL will allow customers to have multiple voice lines, data and video-conferencing capabilities all delivered over a single copper pair. VoDSL utilizes customer-provided equipment, located at the customer's premises, and Company-provided equipment, at Company Central Offices, to allow the Company to accept traffic from the customer and then separate and send bi-directional voice and data transmissions to the appropriate, separate voice and data networks.

#### 8.4 Channel Termination; Data Transmission and Reception Speeds

##### 8.4.1 Channel Termination

The Channel Termination provides for a data only, 2-Wire, private line path between the Customer designated premises and the serving wire center of that premises. Included as a part of the Channel Termination is a standard interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability. One Channel Termination charge, as set forth in Section 12, applies at the serving wire center of the Customer's designated premises where the channel terminates.

##### 8.4.2 Data Transmission and Reception Speeds

Depending on the service selected by the customer, Eschelon DSL supports access data technology providing the following peak data transmission/reception speeds:

144k upstream/144k downstream  
192k upstream/192k downstream  
256k upstream/256k downstream  
384k upstream/384k downstream  
512k upstream/512k downstream  
768k/786k – 960k/960k upstream/downstream  
1.1Mb/1.1Mb – 1.2Mb/1.2Mb upstream/downstream  
1.5Mb upstream/1.5Mb downstream

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The furnishing of Eschelon DSL services requires certain physical arrangements of the facilities of the Company and is subject to the availability of such facilities. Data speeds set forth in this Tariff are peak speeds. Actual speeds may be affected by loop length and other technical factors. Data speeds are therefore not guaranteed or warranted.

**ADVANCED TELECOMMUNICATIONS SERVICES**

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**8. ESCHELON DIGITAL SUBSCRIBER LINE (DSL) SERVICE (Cont'd)****8.5 Obligations of the Customer**

The minimum computer requirements for customers wishing to subscribe to Eschelon DSL are the following:

8.5.1 When a customer orders Eschelon DSL Service, the customer must provide compatible customer premises equipment (CPE), including, but not limited to following:

8.5.1.A IBM Compatible PC:

- Desktop or notebook computer with a Pentium-class processor (Pentium, AMD, K6, etc.)
- Windows 95, Windows 98, Windows NT 4.0, Windows 2000, LINUX, UNIX or IBM OS2
- 16 MB RAM
- Internal or external CD-ROM drive
- NIC (Customer MUST install their own NIC.)

8.5.2.B Macintosh:

- MacOS 8.5 or higher
- 16 MB RAM
- Ethernet NIC, AAUI, or USB adapter (If your system does not have one of these adapters, one may be purchased and installed at most Apple retailers. Customer is responsible for installation.)
- Internal or external CD-ROM drive

8.5.2 The customer may request a design change to the service ordered. A design change is any change which requires engineering review. Design changes do not include a change of customer premises or end user premises. Changes of this nature will require the issuance of a new order and a cancellation of the original order. Cancellation charges are set forth in 12.7.

8.5.3 Where applicable, the customer must specify the Company-provided flat-rated local exchange Telecommunications Number (TN) to be used.

**8.6 Limitations**

Availability of Eschelon DSL is limited based on the availability of facilities in the customer's serving CO, the customer's distance from the serving CO, and other limitations specified in Section 2 of this tariff. Information regarding the CO locations equipped with Eschelon Services may be obtained by contacting Eschelon Customer Service and Sales.

Local Exchange Service, as set forth in the Company's respective state Local Exchange Services Tariff, must be purchased separately. Internet Access must also be purchased separately.

**8.7 Rates and Charges**

Rates and charges for DSL Service are specified in Section 12 of this tariff.

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**ACCESS SERVICE**

9. **ACCESS SERVICE BILLING PRIMARY COPY**

9.1 General

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The customer shall receive its primary access service monthly bills and Customer Service Records (CSRs) in a standard paper format at no charge.

At the option of the customer, primary access service monthly bills and CSRs may be requested on billing data tape or transmitted by electronic data transmission to the customer's premises, in lieu of the standard paper format at no charge. When a customer selects a primary billing copy in lieu of the standard paper format, the customer will receive an abbreviated bill in paper format for remittance purposes at no charge. The abbreviated bill will conform with industry standard billing data output.

Upon Company acceptance of an order for electronic data transmission, the Company will determine the period of time to implement the transmission of such material on an individual order basis.

9.2 Rate Categories

9.2.A Standard Paper

Additional copies of the customer's monthly bill and/or CSR may be provided in a standard paper, microfiche, magnetic tape reel, magnetic tape cartridge or floppy diskette format for an additional charge.

9.2 B Magnetic Tape Reel or Cartridge

Customers requesting additional copies of monthly bills and/or CSRs in a magnetic tape reel or cartridge format are assessed a per reel or per cartridge charge. Only one type of magnetic tape (i.e., reel or cartridge) will be provided per request.

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**ACCESS SERVICE**

**10. RESERVED FOR FUTURE USE**

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**ACCESS SERVICE**

**11. RESERVED FOR FUTURE USE**

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**ACCESS SERVICE**

**12. RATES AND CHARGES**

12.1 Switched Access

12.1.1	<u>Switched Access Rate</u>	<u>Per Minute Rate</u>
12.1.1.A	Originating & Terminating	\$0.003735

12.2 Common Line Charges

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**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.2.2 Presubscribed Interexchange Carrier Charge (PICC)**

12.2.2.A	(Reserved)			(T)
12.2.2.B	(Reserved)			
12.2.2.C	(Reserved)			(T)
12.2.2.D	Multi-Line Business Subscriber, per individual line or trunk			(T)
	Oregon (Verizon)	\$0.53		(R)
	Washington (Verizon)	\$0.03		(R)
12.2.2.E	(Reserved)			(T)
12.2.2.F	(Reserved)			(T)
12.2.2.G	Centrex Subscriber, per individual station line			(T)
	Oregon (Verizon)	\$0.53		(R)
	Washington (Verizon)	\$0.03		(R)

**12.3 Special Access****12.3.1 Voice Grade**

12.3.1.A	Channel Termination - 2 Wire	\$19.80	\$11.00
12.3.1.B	Channel Termination - 4 Wire	\$39.60	\$11.00
12.3.1.C	Channel Mileage		
	—Fixed	\$24.20	
	—Per Mile	\$1.71	
12.3.1.D	Data Bridging per port		
	— Two-Wire	\$7.10	
	— Four-Wire	\$7.10	

**12.3.2 DS-1 Service**

12.3.2.A	DS-1 Service		
i.	Channel Termination	\$165.00	\$660.00
ii.	Subsequent at same location	\$165.00	\$440.00



**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.3 Special Access (Cont'd)**

		<u>Monthly Recurring</u>	<u>Nonrecurring Charges</u>	
12.3.2	<u>DS-1 Service</u> (Cont'd)			
12.3.2.B	Channel Mileage			
i.	Fixed	\$220.00		
ii.	Per Mile	\$15.40		
12.3.2.C	Optional Features			
i.	Multiplexing DS-1 to Voice	\$330.00	\$165.00	
ii.	Multiplexing DS-1 to Digital	\$330.00		
12.3.3	<u>DS-3 Service</u>			
12.3.3.A	Channel Termination Per Point of Termination	\$1,410.75	\$600.00	
12.3.3.B	Channel Mileage			
i.	Fixed	\$665.50		
ii.	Per Mile	\$51.15		
12.3.3.C	Optional Features			
i.	Multiplexing DS-1 to DS-3	\$392.92	\$390.50	
ii.	Multiplexing DS-3 to DS-1	\$392.92		
12.3.4	<u>800 Database Access Service</u>			
12.3.4.A	Basic (per Query)			
	AZ, CO, MN, OR, UT, WA		\$0.004654	(I)
	CA		\$0.004654	(R)
	NV		\$0.004654	(R)
12.3.4.B	Vertical Feature Query		\$0.004000	
12.3.5	<u>Service Orders</u>			
12.3.5.A	Access Order Charge Per Order	81.00		
12.3.5.B	Service Date Change	34.00		
12.3.5.C	Design Change	82.14		
12.3.5.D	Miscellaneous Service Order Charge	\$34.00		
12.3.5.E	Expedited Order Charge	520.00		
12.3.5.F	Cancellation Charge	34.00		

**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.3 Special Access (Cont'd)**

	Monthly <u>Recurring</u>	Nonrecurring <u>Charges</u>
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**12.3.6 Miscellaneous Services****12.3.6.A Presubscription**

i.	Authorized PIC Change	\$10.00	(I)
ii.	Unauthorized PIC Change	\$23.65	
iii.	PIC Restoral Option Change	\$11.00	
iv.	Flexible ANI Service per line	\$2.93	

**12.4 Billing Name and Address****Per Request Rate**

\$0.33

**Billing Name and Address Service**

—	Per BNA Order	\$50.94
—	Per BNA Record	\$0.33
—	Optional Magnetic Tape Charge – Per Magnetic Tape	\$91.44
—	Optional Format Programming Charge —Per Hour	\$37.20

**12.5 Returned Check Charge**

Customers whose payment by check is returned for insufficient funds, or is otherwise not processed for payment, will be subject to a returned check charge. Such charge will be applicable on each occasion when a check is returned or not processed.

Per Occasion .....\$25.00

**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.6 Eschelon Digital Subscriber Line (DSL) Service – Channel Termination (DSL Line)**

A nonrecurring charge and a monthly rate apply per channel termination. If a customer requests a different DSL speed, a change charge for Speed/Destination Channel Change applies per order. Rates and Charges for Eschelon DSL Service are set forth, following.

- 12.6.1 Home Office: Includes the DSL line for a customer with single computer that will be accessing the DSL line. This product is only available to customers with service established prior to March 4, 2003.

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		<u>Monthly Recurring</u>	<u>Nonrecurring Charges</u>
12.6.1.A	144k/144k	\$60.00	\$350.00
12.6.1.B	192k/192k	\$80.00	\$350.00
12.6.1.C	256k/256k	\$80.00	\$350.00
12.6.1.D	384k/384k	\$90.00	\$350.00
12.6.1.E	512k/512k	\$90.00	\$350.00

- 12.6.2 Small Office: Includes the DSL line, for customers that will have between 1 and 10 computers accessing the DSL line. This product is only available to customers with service established prior to March 4, 2003.

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		<u>Monthly Recurring</u>	<u>Nonrecurring Charges</u>
12.6.2.A	144k/144k	\$79.95	\$350.00
12.6.2.B	192k/192k	\$90.00	\$350.00
12.6.2.C	256k/256k	\$90.00	\$350.00
12.6.2.D	384k/384k	\$100.00	\$350.00
12.6.2.E	512k/512k	\$100.00	\$350.00
12.6.2.F	768k/768k - 960k/960k	\$150.00	\$350.00

**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.6 Eschelon Digital Subscriber Line (DSL) Service (Cont'd)**

12.6.3 Large Business: Includes the DSL line for accounts with more than 10 computers accessing the DSL line. This product is only available to customers with service established prior to March 4, 2003.

		<u>Monthly Recurring</u>	<u>Nonrecurring Charges</u>
12.6.3.A	144k/144k	\$70.00	\$350.00
12.6.3.B	192k/192k	\$90.00	\$350.00
12.6.3.C	256k/256k	\$90.00	\$350.00
12.6.3.D	384k/384k	\$100.00	\$350.00
12.6.3.E	512k/512k	\$100.00	\$350.00
12.6.3.F	768k/768k - 960k/960k	\$150.00	\$350.00
12.6.3.G	1.1Mb/1.1Mb - 1.2Mb/1.2Mb	\$170.00	\$350.00
12.6.3.H	1.5Mb/1.5Mb	\$200.00	\$350.00

**12.6.4 Additional DSL Rates**

		<u>Non-Recurring Recurring</u>	
12.6.4.A	Inside Wiring Charge - HR	\$ICB	
12.6.4.B	Inside Wiring Charge – QTR HR	\$ICB	
12.6.4.C	Additional Labor - HR	\$ICB	
12.6.4.D	Additional Labor - QTR HR	\$ICB	
12.6.4.E	Additional Labor - HR OT	\$ICB	
12.6.4.F	Additional Labor - QTR HR OT	\$ICB	
12.6.4.G	Advanced Additional Labor - HR	\$ICB	
12.6.4.H	Advanced Additional Labor - QTR HR	\$ICB	
12.6.4.I	Advanced Additional Labor - HR OT	\$ICB	
12.6.4.J	Advanced Additional Labor - QTR HR OT	\$ICB	
12.6.4.K	Eschelon DSL Missed Appointment Fee	\$100.00	
12.6.4.L	Eschelon DSL Change/Cancellation Fee	\$50.00	
12.6.4.M	Speed Stream 5871 IDSL Router	\$399.00	
12.6.4.N	(Reserved for future use)		(D)
12.6.4.O	Actiontec 1520 RADSL Router	\$199.00	

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**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)**

12.6.5	Eschelon Premium DSL Service; this product is only available to customers with service established prior to September 18, 2006.				(D)
			<u>Monthly</u>	<u>Nonrecurring</u>	
			<u>Recurring</u>	<u>Charges</u>	
12.6.5.A	128k/128k		\$40.00	\$279.95	
12.6.6	Eschelon Advantage DSL Service; this product is only available to customers with service established prior to September 18, 2006.				
			<u>Monthly</u>	<u>Nonrecurring</u>	
			<u>Recurring</u>	<u>Charges</u>	
12.6.6.A	256k/256k		\$40.00	\$279.95	
12.6.6.B	640k/640k		\$40.00	\$279.95	(D)
12.6.7	Eschelon DSL – up to 1.5Mb*		\$69.95	\$199.00	(N)

\* Eschelon Local Exchange Service, as set forth in the Company's respective state Local Exchange Services tariffs, must be purchased separately. Eschelon Internet Access must also be purchased separately.

**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.7 Access Service Billing Information-BSE**

			Non-Recurring Charges	(N)
12.7.1	Paper			
12.7.1.A	Each bill and/or each CSR request	20.00		
12.7.1.B	+per page	0.01		
12.7.2	Billing Data Tape			
12.7.2.A	Each Request	40.00		
12.7.2.B	Meet Point Billing	80.00		

**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.8 Common Channel Signaling Rates and Charges****12.8.1 Entrance Facility**

		<u>Non-recurring Charge</u>	<u>Monthly Recurring Charge</u>
12.8.1.A	Per DS1	\$684.00	\$125.00
12.8.1.B	Per DS3		\$821.29

**12.8.2 Direct Link Transport**

	<u>Mileage Bands</u>	<u>Fixed</u>	<u>Monthly Recurring Per Mile</u>
12.8.2.A	DS0 Facility		
	0		
	Over 0 to 8	\$25.60	\$0.13
	Over 8 to 25	\$25.60	\$0.22
	Over 25 to 50	\$25.60	\$0.26
	Over 50	\$25.60	\$0.35
12.8.2.B	DS1 Facility		
	0		
	Over 0 to 8	\$59.29	\$3.36
	Over 8 to 25	\$67.63	\$4.94
	Over 25 to 50	\$93.10	\$7.46
	Over 50	\$130.00	\$10.62
12.8.2.C	DS3 Facility		
	0		
	Over 0 to 8	\$310.00	\$43.00
	Over 8 to 25	\$350.00	\$43.00
	Over 25 to 50	\$380.00	\$44.00
	Over 50	\$410.00	\$50.00

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**ACCESS SERVICE****12. RATES AND CHARGES (Cont'd)****12.8 Common Channel Signaling Rates and Charges, (Cont'd)**

		Non-recurring <u>Charge</u>	Monthly Recurring <u>Charge</u>
12.8.3	<u>CCS Link</u>		
12.8.2.A	First CCS Link	\$567.00	
12.8.3.B	Each Additional CCS Link	\$180.00	
12.8.4	<u>STP PORT</u> Per Port		\$465.00
12.8.5	<u>Multiplexing</u>		
12.8.5.A	DS1 to Voice		\$268.00
12.8.5.B	DS3 to DS 1		\$310.00
12.8.6	<u>Common Channel Signaling Option Activation Charge</u>		
12.8.6.A	Basic Translations, Per Order		
	First Point Code	\$139.00	
	Each Additional Point Code	\$9.50	
12.8.6.B	Database Translations		
	First Point Code	\$158.00	
	Each Additional Point Code	\$57.00	
12.8.7	<u>Message Charge</u>		
			<u>Per Request</u>
12.8.7.A	Signal Formulation, per call set-up request		\$0.000829
12.8.7.B	Signal Transport, per call set-up request		\$0.000559
	Per data request		\$0.000418
12.8.7.C	Signal Switching, per set-up request		\$0.001162
	Per data request		\$0.000460

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