

ACCESS SERVICE

Rates, Terms and Conditions
applying to the provision of intrastate access service
by CTC EXCHANGE SERVICES, Inc.

All material contained herein is new.

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 78 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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ACCESS SERVICE

CONCURRING CARRIERS

None

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 intrastate access service by CTC EXCHANGE SERVICES, Inc. (hereinafter "the Company").

ISSUED: FEBRUARY 20, 2001

EFFECTIVE: MARCH 22, 2001

CTC EXCHANGE SERVICES, Inc.
P.O. BOX 227
CONCORD, NC 28026-0227

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 seven digit code has the form 950-XXXX for FGB trunks or 101XXXX for FGA trunks.

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

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

Access Tandem: Denotes the Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer designated premises.

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

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.

Commission: Georgia Public Service Commission

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: CTC EXCHANGE SERVICES, Inc., which is the issuer of this tariff.

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

Directory Number (DN): denotes a unique NPA-NXX-XXXX assigned to a subscriber of a Local Service Provider.

Donor Switch: denotes the original switch source of an NXX that has been designated as portable and from which a subscriber has moved their service, while retaining their Directory Number, to a different service provider's switch.

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.

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(C)

ACCESS SERVICE

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

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.

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

LATA: A local access and transport area denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

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 Routing Number (LRN): a 10 -digit number used to uniquely identify a switch that has ported numbers.

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.

N-1 Carrier: in Local Number Portability Query Service, the telecommunications carrier immediately preceding the terminating carrier.

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)

Premises: The space occupied by a Customer or Authorized User in a building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

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 or 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 Established Date: For Direct Connect 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 Established Date is the date of the Customer's acceptance of service. The parties may mutually agree on a substitute Service Established Date. If the Company does not have an executed service Order from a Customer, the Service Established Date will be the first date on which the service or facility was used by the Customer. For Tandem Connect Customers, the Service Established Date will be the first date on which the service or facility was used by the Customer.

ACCESS SERVICE

1. DEFINITIONS (Cont'd)

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 Established Date.

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

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

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.

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.

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

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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 Georgia 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 Fiber Optic Cable 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 sign a copy of some 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 acts 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.

Special construction charges for Switched Access Services will be determined as described in Sections 7.1 following.

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 The Customer shall be responsible for

2.3.1.A 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 fire or theft or other casualty on the Customer premises, unless caused by the negligence or willful misconduct of the employees or agents of the Company. 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 interstate 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

For Feature Group D Switched Access Service(s), the Customer must provide the Company with a projected PIU factor by supplying the Company with an interstate percentage of terminating access minutes on a quarterly basis, as described in Sections 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.

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 projected 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 intrastate 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)

2.3 Obligations of the Customer (Cont'd)

2.3.4 Identification and Rating of VoIP-PSTN Traffic

(N)

(A) Scope

- (1) VoIP-PSTN traffic is defined as traffic exchanged over the public switched telephone network ("PSTN") facilities that originates and/or terminates in Internet protocol ("IP") format. This section governs the identification of toll VoIP-PSTN ("toll VoIP") traffic that in the absence of an interconnection agreement will be subject to interstate switched access rates in accordance with the Federal Communications Commission Report and Order in WC Docket Nos. 10-90, etc., FCC No. 11-161 release (Nov. 18, 2011) ("FCC Order") as it may hereinafter be amended or clarified. Specifically, this section establishes the method of distinguishing toll VoIP traffic from the customer's total intrastate access traffic, so that toll VoIP traffic will be billed in accordance with the FCC Order.
- (2) This section will be applied to the billing of switched access charges to a customer that is a local exchange carrier only to the extent that the customer has also implemented billing of interstate access charges for VoIP-PSTN Traffic in accordance with the FCC Order.

(B) Rating of toll VoIP-PSTN traffic

The Telephone Company will bill toll VoIP-PSTN traffic which it identifies in accordance with this tariff section at rates equal to the Telephone Company's applicable tariffed interstate switched access rates.

(C) Calculation and Application of Percent-VoIP-Usage Factor

The Telephone Company will determine the number of toll VoIP traffic minutes of use ("MOU") to which it will apply its interstate rates under subsection (B), above, by applying an originating Percent VoIP Usage ("OPVU") factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer and by applying a terminating PVU ("TPVU") factor to the total intrastate access MOU terminated by a customer to the Telephone Company's end user. The OPVU and TPVU will be derived and applied as follows:

- (1) The customer will calculate and furnish to the Telephone Company an OPVU factor, along with supporting documentation, representing the whole number percentage of the customer's total originating intrastate access MOU that the customer receives from the Telephone Company in the State that is originated by the Telephone Company in IP format.

(N)

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

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

(N)

(C) Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)

- (2) The customer will calculate and furnish to the Telephone Company a TPVU factor, along with supporting documentation, representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Telephone Company in the State that is sent to the Telephone Company and originated in IP format.
- (3) The OPVU, TPVU and supporting documentation shall be based on information that is verifiable by the Telephone Company including but not limited to the number of the customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information. The customer shall not modify its reported PIU factor to account for VoIP-PSTN traffic.
- (4) After the Telephone Company verifies the OPVU and TPVU provided by the customer the Telephone Company will apply the OPVU and TPVU factors to the associated intrastate access MOU as indicated in Sections (D) and/or (E) below.

In the event that the Telephone Company can not verify the customer's OPVU and/or TPVU, the Telephone Company will request additional information to support the OPVU and/or TPVU, during this time no changes will be made to the existing OPVU and /or TPVU. The customer shall supply the requested additional information within 15 days of the Telephone Company's request or no changes will be made to the existing OPVU and/or TPVU. If after review of the additional information, the customer and Telephone Company establish a revised and mutually agreed upon OPVU and/or TPVU factor, the Telephone Company will begin using the new factor with the next bill period.

If the dispute is unresolved the customer may request that verification audits be conducted by an independent auditor, at customer's sole expense. During the audit, the most recent undisputed OPVU and/or TPVU factor will be used by the Telephone Company.

- (5) In the absence of an interconnection agreement, at no time will the Telephone Company allow an OPVU or TPVU factor greater than the applicable State percentage as identified in Paragraph 963 of the FCC Order.

(N)

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

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

(N)

(D) Initial OPVU and TPVU Factor

In calculating the initial OPVU and TPVU factor(s), the Telephone Company will take the factor(s) provided by the customer into account retroactively to January 1, 2012, provided that the customer provides the factor(s) and supporting documentation, as specified in subsection (C) above to the Telephone Company no later than 15 days after the effective date of this tariff. If the customer does not furnish the Telephone Company with an OPVU and/or TPVU factor pursuant to the preceding subsection (C), the initial factor will be zero.

(E) OPVU and TPVU Factor Updates

The customer may update the OPVU and/or TPVU factor(s) semi-annually using the method set forth in subsection (C), above. If the customer chooses to submit such updates, it shall forward to the Telephone Company, no later than 15 days after the first day of January and/or July of each year, a revised OPVU and/or TPVU factor and supporting documentation based on data for the prior three months, ending the last day of December and/or June, respectively. Once verified by the Telephone Company the revised OPVU and/or TPVU factor will apply prospectively and serve as the basis for billing until superseded by a new verified factor.

(N)

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 intrastate 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 intrastate 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 When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a pro-rata basis, based on the actual calendar month.

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

(M)
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(M)

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.5 Payment Arrangements (Cont'd)

- 2.5.2.E If no payment is received by the payment date or if a payment or any portion of a payment is received by the Company after the payment date as set forth above, or if a payment or any portion of a payment is received by the Company in funds which are not immediately available to the Company, then a late payment penalty shall be due to the Company. The late payment penalty shall be the payment or the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:
- (a) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company, or
 - (b) 0.000292 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company. (C)
- 2.5.2.F 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.G 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 Georgia Public Service Commission in accordance with the Agency's rules of procedures.
- 2.5.2.H 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)

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.H.(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.H.(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.H.(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.H.(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.H.(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.H.(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.

2.6 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.

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.6 Allowances for Interruptions in Service (Cont'd)

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.

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.

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.6 Allowances for Interruptions in Service (Cont'd)

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.

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 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 except those for multipoint service.

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 Established Date, at the time the Company gives the Customer a Firm Order Confirmation (FOC).

ACCESS SERVICE

3. ORDERING OPTIONS FOR SWITCHED 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 7.4.1.(C) will apply when an engineering review is required.

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 Engineering, 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 Engineering may not exceed the original estimated amount by more than ten (10) percent.

3.2 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 ACCESS SERVICE (Cont'd)

3.2 Access Order (Cont'd)

When placing an order for Direct Trunked Transport, as described in section 4.2.3.C.(1).(d), the Customer shall provide all standard ASR ordering information as specified in industry guidelines. The Customer will also be required to provide this information to order additional service for an existing service type. For new Customers ordering Tandem Switched Transport Service, the Customer will only be required to complete an ASR for installation of the new service.

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 Established 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 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 Established 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 Established 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 Established 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 Expedite Charge will apply. No Expedite 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 Established Date.

ACCESS SERVICE

3. ORDERING OPTIONS FOR SWITCHED 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 31st 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 7.4.1.B.

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 7.4.1.C are in addition to any service Date Change Charges that may apply.

ACCESS SERVICE

3. ORDERING OPTIONS FOR SWITCHED 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 Established Date that is earlier than the Standard Interval Service Date, in which case an Expedite Charge will apply. The Expedite Charge will not apply if the new Service Established 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 Expedite Order 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 Expedite Charge will apply.

If the Company is subsequently unable to meet an agreed upon expedited service date, then the Expedite 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 Expedite Charge.

In the event that the Customer cancels an expedite request, the Expedite 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 Expedite Charge will still apply.

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

ACCESS SERVICE

3. ORDERING OPTIONS FOR SWITCHED 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 7.4.1.E.

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 31st 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 7.4.1.F.

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 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, provides trunk-side access to Company Local Switching center switches, with a uniform 101XXXX 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 most FGD Access Customers without dialing the 101XXXX Access Code if the end user is presubscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code in the form 101XXXX. A single Access Code will be the assigned number of all FGD access provided to the Customer by the Company. No Access Code is required for calls 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 American Numbering Plan (NANP), except for 00-dialed calls which are routed to the pre-designated 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-XXXX, 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)

When the 101XXXX 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 B Option. 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.

4.2.3 Rate Categories

There are three rate categories which apply to Switched Access Service:

- 4.2.3.A. Local Transport (described in 4.2.3.C.(1) following)
- 4.2.3.B. End Office (described in 4.2.3.C.(2) following)
- 4.2.3.C. Chargeable Optional Features (described in 4.2.3.C.(3) following)

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

4.2.3.C.(1) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the Company's Local Switching equipment, where the customer's traffic is switched to originate or terminate the customer's communications.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

Transport can be ordered as Switched Transport or Direct Trunked Transport by the Customer. The Switched Transport provides a common transmission path between Customers and the Company's local switch that services end users. Direct Trunked Transport provides dedicated transmission paths to a customer for connection to Switched Access Services of the Company.

Additionally, when service is to be routed through an access tandem switch, the Customer must specify whether the facility between the serving wire center and the tandem is to be provided as Direct Trunked Transport or Tandem Switched Transport.

Direct Trunked Transport is available at all tandems and at the end offices with the capability of providing the service. Direct Trunked Transport is not available from end offices that lack recording or measurement capability.

Normally, Direct Trunked Transport of originating 800 series type calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series type calls. The direct trunking of originating 800 service type calls will be available if the end office can accommodate the service.

Local Transport is provided at the rates and charges set forth in 7.2.1.A and 7.2.2A following.

The Local Transport Rate Category includes five classes of rate elements: (1) Entrance Facility, (2) Transport Interconnection Charge, (3) Multiplexing, (4) Direct Trunked Transport or 5) Tandem Switched Transport. When more than one Company is involved in providing the Switched Access Service to a Customer, for the provision of transport, each Company will provide its portion of transport to the interconnection point with the next Company. The other companies involved with the transport service may bill according to their own tariffs.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

The Channel mileage rate element is determined by the Vertical, and Horizontal Coordinates ("V&H") method, as set forth on the National Exchange Carrier Association Tariff, F.C.C. No. 4. When the calculation results in a fraction of a mile, the total is rounded up to the next whole mile before applying the rate.

4.2.3.C.(1).(a) Entrance Facility

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

Three types of Entrance Facility are available: (1) Voice Grade 2 or 4 wire (an analog channel with an approximate bandwidth of 300 to 3000HZ), (2) High Capacity DS-1 (an isochronous serial digital channel with a rate of 1.544 Mbps) and (3) High capacity DS-3 (and isochronous serial digital channel with a rate of 44.736 Mbps). The minimum period for which a DS-3 Entrance Facility is provided is twelve months.

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge specified in Section 7.2.2.A following will apply even if the customer designated premises and the serving wire center are collocated in the Company building.

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a letter of authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.3.C.(1).(b) Transport Interconnection Charge

The Transport Interconnection Charge specified in Section 7.2.2.A following applies to both Tandem Switched and Direct Trunked access minutes of use.

4.2.3.C.(1).(c) Multiplexing

DS-3 to DS-1 Multiplexing charges specified in Section 7.2.2.A following apply when a High Capacity DS-3 Entrance Facility or High Capacity DS-3 Direct Trunked Facility is connected with High Capacity DS-1 Direct Trunked Transport. The DS-3 to DS-1 multiplexer will convert a 44.736 Mbps channel to 28 DS-1 channels using digital time division multiplexing. DS-1 to Voice Grade Multiplexing charges apply when a High Capacity DS-1 Entrance Facility or High Capacity DS-1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. However, a DS-1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS-1 Entrance Facility or High Capacity DS-1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS-1 facility. The DS-1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels. Multiplexing will be provided in the offices where the capabilities exist.

4.2.3.C.(1).(d) Direct Trunked Transport

The Company provides direct Trunked Transport between the Customer's designated premises and the local switching equipment of the Company. This transmission path is dedicated to the use of a single Customer. Both Multiple bill and Single bill billing options are supported under this tariff. Voice Grade 2 or 4 wire or High Capacity DS-1 and DS-3 facilities are available for Direct Trunked Transport.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire or High Capacity DS-1 or DS-3) to be used in the provision of the Direct Trunked Transport or Entrance Facility and whether it will overflow to Tandem Switched Transport. The minimum period for which a High Capacity DS-3 Direct Trunked Transport is provided is twelve months.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate specified in Section 7.2.2 following which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, tandem, and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

4.2.3.C.(1).(e) Switched Transport Services

Switched Transport is provided from the serving wire center at which the service becomes common transport to either of the following, at the discretion of the Customer:

- 4.2.3.C.(1).(e).(i) The last serving wire center of the common transport.
- 4.2.3.C.(1).(e).(ii) The serving wire center of the end user

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

- 4.2.3.C.(1).(e).(ii).(a) The Tandem Switching rate specified in 7.2.2.A following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.3.C.(1).(e).(ii).(b) The Tandem Switched Facility rate specified in Section 7.2.2.A following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

4.2.3.C.(1).(e).(ii).(c) The Tandem Switched Termination rate specified in Section 7.2.2.A following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, host office, tandem, and service wire center). When the Tandem switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

4.2.3.C.(2) End Office

The End Office rate category includes the Local Switching and Information Surcharge rate elements.

4.2.3.C.(2).(a) Composite Local Switching

The Composite Local Switching Rate establishes the charge for End Office Local Switching and Tandem Switched Transport. This single rate found in 7.2.3.A is charged on a per Switched Access Minute Basis applicable to both originating and terminating Switched Access Minutes. The single Composite Local Switching Rate is in lieu of charging separate individual rates for Carrier Common Line, End Office Local Switching, Interconnection Charge, Information Surcharge, Tandem Switched Transport Terminations, Tandem Switched Transport Facility and Tandem Switching .

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ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.3.C.(2).(b) Information Surcharge

Information Surcharge rates are assessed to a Customer based on the total number of access minutes. Information Surcharge rates are as set forth in 7.2.3.B following.

4.2.3.C.(2).(c) Carrier Common Line

The Carrier Common Line (CCL) rates are assessed to a Customer based on the total number of access minutes. CCL rates are set forth in 7.1.1.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.3.C.(3) Where facilities permit, the Company will, at the option of the customer, provide the following chargeable optional features.

4.2.3.C.(3).(a) 800/8XX Series Data Base Access Service

Series Data Base Access Service is provided to all customers in conjunction with FGD switched access service. When a 1+8XX+NXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800/8XX 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, as set forth in 7.2.2.B following, 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 800/8XX 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

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

subscribed service areas); (2) POTS translation of 800/8XX series numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of 800/8XX 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)].

4.2.4 Descriptions and Application of Rate

4.2.4.A Recurring Rates

4.2.4.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.

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

4.2.4.B Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in 7.3.1.A following.

5.2.4.B.(1) Installation of Service

A Local Transport nonrecurring installation charge, as set forth in 7.2.1.A following, will be applied at the service wire center for each Entrance Facility installed. Additionally, a nonrecurring trunk activation charge as set forth in 7.2.1.C following, will be applied at each end office when ordered to the end office on a per order, per end office basis or at the tandem when ordered to the tandem for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated (i.e., designated by the Customer to be used to carry switched access). A maximum of 24 trunks can be activated on a DS-1 facility and a maximum of 672 trunks can be activated on a DS-3 facility.

For example, if a customer orders a DS-1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DS-1 Installation nonrecurring charge at the service wire center and one Direct Trunked Transport Activated nonrecurring charge. These charges are in addition to the Access Order charge as specified in 7.3.1(A) following.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.4.B.(2) Service Rearrangements

All changes to existing services other than changes involving only administrative changes 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 7.2.1.B.

4.2.5 Billing Validation Service

The Company shall arrange to have its billing validation data stored in one of the existing Line Information Databases (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.

4.2.6 Acceptance Testing

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, d.c. continuity and operational signaling.

4.2.7 Ordering Options and Conditions

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

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

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

4.2.8 Competitive Pricing Arrangements

Competitive pricing arrangements for Local Transport-Entrance Facilities and Local Transport-Direct Trunked Transport can be furnished to meet the communications 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.

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

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

4.3 Obligations of the Company (Cont'd)

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 and/or damages under Section 2.5.4.

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.

4.4.1 Non-chargeable Optional Features

4.4.1.A. Signaling System Seven (SS7)

This option provides out-of-band transmission of SS7 protocol signaling information between the Local Switching center switching system and the Customer's designated premises. Prior to installation of any SS7 circuits, the Customer must agree to participate in SS7 certification testing. The Company will provide a testing plan to the Customer, and reserves the right to deny SS7 connectivity if the Customer's circuits do not meet the testing requirements.

4.4.1.B. Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capability, the Customer may order an optional supervisory signaling arrangement in the form of Multi-frequency (MF) Signaling for each transmission path.

4.4.2 Feature Group D Optional Features

4.4.2.A Common Switching Optional Features

4.4.2.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

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

4.4 Switched Access Optional Features (Cont'd)

Local Switching center or access tandem is delivered via a different Trunk group to a second Customer designated Premises. 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 the Local Switching Center and an Access Tandem, and a Trunk group between the 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.

- 4.4.2.A.(3) Cut-Through: This option allows end users of the Customer to reach the Customer's premises by using 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.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

4.4 Switched Access Optional Features (Cont'd)

- 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-XXXX 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) 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.(7) 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

5. SPECIAL ACCESS SERVICE

5.1 General

Special Access Service provides a transmission path to connect customer designated premises, directly, or through a Company hub or hubs where bridging or multiplexing functions are performed. 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, digital or optical. Analog connections are differentiated by spectrum and bandwidth. Digital and optical connections are differentiated by bit rate.

5.1.1 Service Types

There are three types of Special Access Services in this tariff. Each type has its own characteristics. All are subdivided by one or more of the following:

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

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

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

The customer also has the option of ordering Voice Grade and High Capacity facilities (e.g., 1.544 Mbps and 44.736 Mbps) to Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements.

For example, a customer may order a 44.736 Mbps High Capacity channel from a customer designated premises to a Company hub for multiplexing to twenty-eight 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different hub to Voice Grade channels or may be extended to other customer designated premises or hubs. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

ACCESS SERVICE

5. SPECIAL ACCESS SERVICE (Cont'd)

5.1.2 Service Descriptions

For the purposes of ordering, there are three categories of Special Access Service in this Tariff. These are:

<u>Service Designator Codes</u>	
Voice	VG
Digital Data	DA
High Capacity	HC

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer.

Customized technical specifications packages will be provided where technically feasible. If the Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be advised and given the opportunity to change the order.

All services will conform to the transmission specifications standards contained in this tariff or in the following Technical References for each category of service:

Voice Grade	TR-TSY-000335
Digital Data	TR-NWT-000341
For 2.4,4.8,9.6&56.0 Kbps	BellCore Pub 62310 (MDP-326-726)
For 19.2 Kbps	INC Bulletin CB-INC-100
For 64.0 Kbps	AT&T PUB 62310
High Capacity	TR-INS-000342

5.1.3 Service Configurations

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and functions (as applicable)

ACCESS SERVICE

5. SPECIAL ACCESS SERVICE (Cont'd)

Multipoint service connects three or more customer designated premises through one or more Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

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

If the Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between the serving wire center for each customer designated premises and the hub and between hubs).
- Bridging.
- Additional Optional Features and Functions (when applicable).

5.1.4 Design Layout Report

At the request of the customer, the Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

ACCESS SERVICE

6. SPECIAL CONSTRUCTION

6.1 Special Construction

6.1.1 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.

6.1.2 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.

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

6.1.2.B The amount of maximum termination liability is equal to the rates and charges established pursuant to 6.1.1 above:

6.1.2.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 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.

6.2 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

7. RATES AND CHARGES

7.1 Common Line Access Service

7.1.1 Carrier Common Line Access Service

Rate

Access

- Terminating Per Access Minute \$0.0000

- Originating Per Access Minute
Non-8YY \$0.0000
8YY **

(C)
|
(C)

7.2 Switched Access Service

7.2.1 Nonrecurring Charges

Rate

7.2.1.B FGD Conversion of Multifrequency Address Signaling
to SS7 Signaling or SS7 Signaling to Multifrequency Address
Signaling

Per 24 Trunks Converted or
Fraction thereof on a Per
Order Basis \$260.00

**For current rates please see CTC Exchange Services, Inc's FCC Tariff No. 1.

(N)

ACCESS SERVICE

7. RATES AND CHARGES (Cont'd)

7.2 Switched Access Service (Cont'd)

7.2.1.C	<u>Direct Trunked Transport Activated</u>	<u>Per Order</u>
	Per 24 Trunks Activation or Fraction there of, on a Per Order Basis	\$249.00
7.2.1.D	<u>Interim NXX Translation Per Order</u>	\$136.00

7.2.2 Local Transport

7.2.2.A <u>Access</u>		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
-	<u>Entrance Facility</u> Per Termination		
-	Voice Grade Two Wire	**	**
-	Voice Grade Four Wire	**	**
-	High Capacity DS-1	**	**
-	High Capacity DS-3	**	**
-	<u>Direct Trunked Transport</u>		
-	<u>Direct Trunked Facility</u> Per Mile		
-	Voice Grade	**	**
-	High Capacity DS-1	**	**
-	High Capacity DS-3	**	**
-	<u>Direct Trunked Termination</u> Per Termination		
-	Voice Grade	**	**
-	High Capacity DS-1	**	**
-	High Capacity DS-3	**	**
-	<u>Multiplexing</u> Per Arrangement		
-	DS-3 to DS-1	**	**
-	DS-1 to Voice	**	**
-	<u>Tandem Switched Transport</u>		
-	<u>Tandem Switched Facility</u> Per Originating Access Minute Per Mile		
	Non-8YY	\$0.000000	
	8YY	**	
	Per Terminating Access Minute Per Mile	**	

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(C)

**For current rates please see CTC Exchange Services, Inc's FCC Tariff No. 1.

ISSUED: MAY 21, 2021

EFFECTIVE: July 1, 2021

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.2 **Switched Access Service** (Cont'd)

7.2.2.A	<u>Access</u> (Cont'd)	<u>Rate</u>	
-	<u>Tandem Switched Termination</u>		(C)
	Per Originating Access Minute Per Termination		
	Non-8YY	\$0.000000	(C)
	8YY	**	(C)
	Per Terminating Access Minute Per Termination	**	
-	<u>Tandem Switching</u>		(C)
	Per Originating Access Minute Per Tandem		
	Non-8YY	\$0.000000	(C)
	8YY	**	(C)
	Per Terminating Access Minute Per Tandem	**	
-	<u>Transport Interconnection Charge</u>		
	Per Access Minute	\$ 0.000000	
7.2.2.B	<u>800 (8YY) Series Data Base Access Service Queries</u>		(C)
	Per Query, Basic and Vertical Feature		
	AT&T Areas		
	Effective July 1, 2021 – June 30, 2022	\$0.0042100 (R)	
	Effective July 1, 2022 – June 30, 2023	\$0.0022050 (R)	
	Effective July 1, 2023	\$0.0002000 (R)	
	Windstream Areas		
	Effective July 1, 2021 – June 30, 2022	\$0.0010000 (R)	
	Effective July 1, 2022 – June 30, 2023	\$0.0006000 (R)	
	Effective July 1, 2023	\$0.0002000 (R)	(C)
7.2.2.C	<u>Common Channel Signaling</u>		
	<u>Network Connection</u>		
	7.2.2.C.(1) <u>Signaling Network Access Link</u>		
		<u>Monthly</u>	<u>Nonrecurring</u>
		<u>Rate</u>	<u>Charge</u>
-	Signaling Mileage		
-	Facility per mile	\$ 4.00	\$ 60.00
-	Signaling Mileage Termination		
	per Termination	\$ 40.00	\$ 40.00
-	Signaling Entrance Facility		
	per Facility	\$102.00	\$520.00
7.2.2.C.(2)	<u>STP Port</u>		
	- per port	\$455.00	

**For current rates please see CTC Exchange Services, Inc's FCC Tariff No. 1.

ACCESS SERVICE

7. RATES AND CHARGES (Cont'd)

7.2 Switched Access Service (Cont'd)

7.2.3 End Office

7.2.3.A	<u>Composite Local Switching</u>	<u>Rate</u>	
	Per Access Originating Minutes		
	Non-8YY	\$ 0.0180000	
	8YY	**	
	Per Access Terminating Minutes	**	

(C)
|
(C)

7.2.3.B	<u>Information Surcharge</u>	
	Per 100 Access Minutes	\$ 0.0000

7.3 Special Access Service

7.3.1 Voice Grade Service

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Channel Termination Per Termination		
- Two-Wire	\$36.00	\$245.00
- Four-Wire	\$52.00	\$245.00
Channel Mileage Facility Per Mile	\$ 2.70	\$ 0.00
Channel Mileage Termination Per Termination	\$27.08	\$ 0.00

Optional Features and Functions

1) Bridging

(a) Voice Bridging Per Port

- Two-Wire	\$ 8.00	\$52.00
- Four-Wire	10.00	52.00

(b) Data Bridging Per Port

- Two-Wire	\$ 15.00	\$52.00
- Four-Wire	13.00	52.00

**For current rates please see CTC Exchange Services, Inc's FCC Tariff No. 1.

ISSUED: MAY 21, 2021

EFFECTIVE: July 1, 2021

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.3 **Special Access Service** (Cont'd)

Optional Features and Functions (Cont'd)

(2) Conditioning Per Termination

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	(C) (C) (N)
- C-Type	\$ 3.00 (R)	\$17.41	(N)
- Improved Attenuation Distortion	None	\$ 0.00	(N)
- Improved Envelope Delay Distortion	\$16.00 (I)	\$69.05	(N)
- Data Capability	\$ 4.95	\$ 0.00	(N)
- Sealing Current	\$.95 (I)	\$ 0.00	(N)

(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination

- Two-Wire	\$ 8.00 (R)	\$49.28	(N)
- Four-Wire	\$ 20.00 (I)	\$32.19	(N)

(4) Customer Specified Receive Level per two-wire termination

\$ 12.35 (I)	\$ 0.00	(N)
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(5) Signaling Capability Per termination

	(C) (N) (N) (N) (N) (N)	(C) (N) (N) (N) (N)
Loop	\$ 6.00 (N)	\$ 5.43 (N)
Single Frequency	7.00 (N)	15.00 (N)
E&M	15.00 (N)	15.00 (N)
Ground	6.00 (N)	5.40 (N)
Other	12.00 (N)	5.35 (N)

ACCESS SERVICE

7. RATES AND CHARGES (Cont'd)

7.3.2 Digital Data Service

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per termination			
- 2.4 kbps	\$65.00 (R)	\$ 450.00	(I)
- 4.8 kbps	65.00 (R)	450.00	(I)
- 9.6 kbps	65.00 (R)	450.00	(I)
- 19.2 kbps	65.00 (R)	450.00	(I)
- 56.0 kbps	102.00 (I)	520.00	(I)
- 64.0 kbps	102.00 (I)	520.00	(I)
 (B) Channel Mileage			
(1) Channel Mileage Facility			(T)
- 2.4 kbps	\$ 1.90 (R)	\$ 60.00	(N)
- 4.8 kbps	1.90 (R)	60.00	(N)
- 9.6 kbps	1.90 (R)	60.00	(N)
- 19.2 kbps	1.90 (R)	60.00	(N)
- 56.0 kbps	4.00 (I)	60.00	(N)
- 64.0 kbps	4.00 (I)	60.00	(N)
 (2) Channel Mileage Termination Per Termination			
- 2.4 kbps	\$ 20.00 (R)	\$20.00	(N)
- 4.8 kbps	20.00 (R)	20.00	(N)
- 9.6 kbps	20.00 (R)	20.00	(N)
- 19.2 kbps	20.00 (R)	20.00	(N)
- 56.0 kbps	40.00 (I)	40.00	(N)
- 64.0 kbps	40.00 (I)	40.00	(N)
 (C) Optional Features and Functions			(C)
			(C)
(1) Bridging Per port	\$ 16.20 (I)	\$15.00	(N)

ACCESS SERVICE

7. RATES AND CHARGES (Cont'd)

7.3.3 High Capacity Service

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination			
- DS1 1.544 Mbps	\$ 150.00 (R)	\$340.00	(I)
- Capacity of 1 DS3 44.736 Mbps Interface			
- per DS3 Channel Installed	\$1,840.00 (R)	\$370.00	(R)
			(T)
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile			
- 64 kbps	\$ 4.00 (I)	\$ 24.01	(N)
- 1.544 Mbps	17.25 (R)	156.00	(N)
- 44.736 Mbps	95.00 (R)	190.00	(N)
(2) Channel Mileage Termination Per Termination			(T)
- 64 kbps*	\$ 39.79	\$ 40.00	(N)
- 1.544 Mbps	94.38	75.00	(N)
- 44.736 Mbps	525.64	1,270.00	(N)
(C) Term Discounts	<u>Percentage</u>		
DS1 and DS3 services			
36 months	10%		
60 months	20%		
(D) Optional Features and Function	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	(N) (N)
(1) Multiplexing, per arrangement			
DS3 to DS1	\$474.31	\$304.00	(N)
DS1 to DS0	185.00 (I)	135.00	(N)

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

ACCESS SERVICE

7 RATES AND CHARGES (Cont'd)

7.4 Other Services

7.4.1 Access Ordering

Charge

7.4.1.A Access Order Charge

Per order \$ 136.00 (I)

7.4.1.B Service Date Change Charge

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 7.4.1.A preceding does not apply. The applicable charge is:

Service Date Change Charge, per order \$ 53.00 (I)

7.4.1.C Design Change Charge

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:

Design Change Charge, per order \$ 53.00 (I)

7.4.1.D Miscellaneous Service Order Charge

Per Occurrence \$ 53.00 (I)

7.4.1.E Expedited Service Order Charge

Based on additional time and materials. See 7.4.2 for labor charges.

7.4.1.F Cancellation Charge

Based on additional time and materials. See 7.4.2 for labor charges.

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.4 Other Services (Cont'd)

7.4.2 Additional Engineering

	<u>Additional Engineering Periods</u>	<u>Each Half Hour or Fraction Thereof</u>
7.4.2.A	Basic Time per engineer normally scheduled working hours	\$39.79
7.4.2.B	Overtime per engineer outside of normally scheduled working hours	\$47.20
7.4.2.C	Premium Time per engineer outside of scheduled work day.	\$47.20

ACCESS SERVICE

7. RATES AND CHARGES (Cont'd)

7.4 Other Services (Cont'd)

7.4.3 Additional Labor

<u>Additional Labor Periods</u>	<u>Each Half Hour or Fraction Thereof</u>
7.4.3.A Installation or Repair	
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$31.25* (I) (C)
- Premium, outside of scheduled work day, per technician	\$41.66* (I) (C)
7.4.3.B Stand by	
- Basic time, normally scheduled working hours, per technician	\$21.07 (I)
- Overtime, outside of normally scheduled working hours on a scheduled work day per technician	\$31.61* (I) (C)
- Premium Time, outside of scheduled work day, per technician	\$42.14* (I) (C)

* A call out of a Telephone Company Employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours. (N)

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.4 Other Services (Cont'd)

7.4.3 Additional Labor (Cont'd)

<u>Additional Labor Periods</u>		<u>Each Half Hour or Fraction Thereof</u>	
		<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>
7.4.3.C	Testing and Maintenance with other Telephone Companies, or Other Labor		
-	Basic Time per technician normally scheduled working hours	\$20.76	\$21.03 (I)
-	Overtime per technician outside of normally scheduled working hours on a scheduled work day	\$31.25* (I) (C)	\$31.54* (I) (C)
-	Premium Time per technician outside of scheduled work day	\$41.66* (I) (C)	\$38.09* (C)

* A call out of a Telephone Company Employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours. (N)
 |
 (N)

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.4 Other Services (Cont'd)

7.4.4 Miscellaneous Services

7.4.4.A Restoration Priority

	<u>Nonrecurring Charge</u>
Per service arranged	\$ 54.63

7.4.4.B Controller Arrangement

	<u>Monthly Rate</u>
Per Arrangement	\$100.00

7.4.4.C Presubscription

	<u>Nonrecurring Charge</u>
Per Telephone Exchange Service line or trunk	\$ 5.00

7.4.4.D Unauthorized PIC Change

Business/Residential	\$ 35.65
Pay Phone	\$ 57.57

7.4.4.E Blocking Service

Per exchange service line or trunk	\$ 11.20
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7.4.4.F Coin Supervision Additive Service

	<u>Monthly Rate</u>
- Per exchange service line	\$2.21

ACCESS SERVICE

7. **RATES AND CHARGES** (Cont'd)

7.4 Other Services (Cont'd)

7.4.5 Specialized Service or Arrangements

None

7.4.6 Special Construction

7.4.6.A Basis for Rates and Charges

None