

ACCESS SERVICES

**RATES, RULES AND REGULATIONS GOVERNING
THE PROVISION OF SWITCHED ACCESS SERVICES
FOR CONNECTION TO INTERSTATE COMMUNICATIONS FACILITIES
FURNISHED BY
RCLEC, INC.**

ACCESS SERVICES

CHECK SHEET

1	Original	31	Original
2	Original	32	Original
3	Original	33	Original
4	Original	34	Original
5	Original	35	Original
6	Original	36	Original
7	Original	37	Original
8	Original	38	Original
9	Original	39	Original
10	Original	40	Original
11	Original	41	Original
12	Original	42	Original
13	Original	43	Original
14	Original	44	Original
15	Original	45	Original
16	Original	46	Original
17	Original	47	Original
18	Original	48	Original
19	Original	49	Original
20	Original	50	Original
21	Original	51	Original
22	Original	52	Original
23	Original	53	Original
24	Original	54	Original
25	Original	55	Original
26	Original	56	Original
27	Original	57	Original
28	Original	58	Original
29	Original	59	Original
30	Original	60	Original

ACCESS SERVICES

CHECK SHEET (CONT'D)

Page	Revision	Page	Revision
61	Original	86	Original
62	Original	87	Original
63	Original	88	Original
64	Original		
65	Original		
66	Original		
67	Original		
68	Original		
69	Original		
70	Original		
71	Original		
72	Original		
73	Original		
74	Original		
75	Original		
76	Original		
77	Original		
78	Original		
79	Original		
80	Original		
81	Original		
82	Original		
83	Original		
84	Original		
85	Original		

ACCESS SERVICES

TABLE OF CONTENTS

	Page
CHECK SHEETS	2
TABLE OF CONTENTS	4
CONCURRING CARRIERS/OTHER PARTICIPATING CARRIERS	5
EXPLANATION OF SYMBOLS	5
DEFINITIONS	6
SECTION 1 – APPLICATION	11
SECTION 2 – REGULATIONS	12
SECTION 3 – ACCESS SERVICE ORDER	38
SECTION 4 – SWITCHED ACCESS SERVICE	47
SECTION 5 – RATES AND CHARGES	58
SECTION 6 – DEDICATED ACCESS SERVICE	81
SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES	82

ACCESS SERVICES

CONCURRING CARRIERS

No Concurring Carriers

OTHER PARTICIPATING CARRIERS

No Other Participating Carriers

EXPLANATION OF SYMBOLS

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

- (C) - to signify a changed regulation
- (D) - to signify a discontinued rate or regulation
- (I) - to signify a rate increase
- (L) - to signify a matter relocated without change
- (N) - to signify a new rate or regulation
- (R) - to signify a rate reduction
- (S) - to signify a reissued matter
- (T) - to signify a change in text but no change in rate, regulation or charge

ACCESS SERVICES

DEFINITIONS

Advance Payment

A part or all of a payment required before the start of service.

Access Services

The Company's interstate telecommunication services offered pursuant to this tariff.

Act

The Communications Act of 1934 (47 USC 153(R)), as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996), codified throughout 47 USC and as interpreted by applicable law.

Automatic Number Identification (ANI)

A feature that provides the automatic transmission of a seven or ten digit number and information digits to customers to identify the calling party or station.

Calling Party Number

(CPN) means a Signaling System 7 parameter whereby the ten (10) digit number is used to identify the calling or originating party^[J51] via SS7 or SIP header.

Collocation

An arrangement where the equipment of a local exchange carrier is installed and maintained at the premise of another LEC.

Common Carrier

Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate communication by wire or radio.

Common Channel Signaling Network

Digital data network carrying signaling, routing and control information which interfaces with the telecommunications network.

Company

The issuer of this tariff - RCLEC, Inc.

ACCESS SERVICES

DEFINITIONS (CONT'D)Customer

The carrier that orders from, uses or subscribes to the services in this tariff.

Digital Signal Level 1 (DS1)

The 1.544 Mbps first level signal in the time division multiplex hierarchy. In the time division multiplexing hierarchy of the telephone network, DS1 is the initial level of multiplexing.

Digital Signal Level 3 (DS3)

The 44.736 Mbps third level in the time division multiplex hierarchy. In the time division multiplexing hierarchy of the telephone network, DS3 is defined as the third level of multiplexing.

End Office Switch

A local telephone switching system established to provide local exchange service and/or exchange access services.

End User

A Customer of the Company's local exchange service who is not a carrier. End users can include a resident, business or enhanced service providers (including but not restricted to, internet service providers, conference calling providers, and Voice over Internet Protocol service providers) or other entities

FCC

The Federal Communications Commission

Individual Case Basis

A condition in which the regulations (if applicable), rates and charges for an offering under the provision of this tariff are developed based on the circumstance in each case.

Local Access and Transport Area (LATA)

A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the NATIONAL EXCHANGE CARRIER ASSOCIATION, Inc., TARIFF F.C.C. NO. 4.

ACCESS SERVICES

DEFINITIONS (CONT'D)Local Number Portability (LNP)

The ability to move telephone number(s) from one service provider to another.

Loss

The value placed on injury or damages due to an accident caused by another's negligence, a breach of contract or other wrongdoing.

Meet Point Billing

When two or more local exchange telephone companies are involved in the provisioning and billing of access services.

MOUs

Minutes of use.

Originating Carrier

The carrier whose end user originates a call on the carrier's network or switching equipment.

Percentage of Interstate Usage (PIU)

The interstate jurisdictional use of a telecommunications service, as reported by the customer. This percentage is stated as a whole number percentage (a number from 0 through 100 percent) which is the best estimate of the percentage of the total use of the service that will be interstate in nature by the customer.

Percent of Local Usage (PLU)

The local jurisdictional use of a telecommunications service as reported by the customer. This percentage is stated as a whole number percentage (a number from 0 through 100 percent) which is the best estimate of the percentage of the total use of the service that will be local in nature by the customer.

Point of Interconnection (POI)

The physical location, building or equipment where two separate networks connect to each other in order to pass telecommunications traffic and signaling.

ACCESS SERVICES

DEFINITIONS (CONT'D)Recurring Charges

The charges to the Customer for services, facilities and equipment which continue to apply for duration of the service. These usually occur on a monthly basis^[US2].

Service Commencement Date

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

Service Order

The request for access services, written, electronic, implied or executed by the Customer and the Company in the format devised by the Company.

Session Initiation Protocol (SIP)

The Session Initiation Protocol (SIP) is a communications protocol for signaling and controlling multimedia communication sessions. The most common applications of SIP are in Internet telephony for voice and video calls, as well as instant messaging all over Internet Protocol (IP) networks.

Shared

A facility or equipment system or subsystem that can be used simultaneously by several customers.

Signaling Transfer Point (STP)

A specialized switch that provides SS7 network access and performs SS7 message routing and screening.

Terminating Carrier

The carrier who terminates a call to the carrier's end user on the carrier's network or switching equipment.

ACCESS SERVICES

DEFINITIONS (CONT'D)

Termination Point

The point of demarcation within a customer designated premises or point of interconnection at which the Company's responsibility for the provision of service ends.

Wire Center

A building in which one or more end office switches or POIs, used for the provision of Exchange Services, are located.

V and H Coordinates Method

A method of computing the distance, in airline miles, between two point by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

ACCESS SERVICES

SECTION 1 – APPLICATION

This tariff contains regulations, rates and charges applicable to the provision of competitive Interstate access services by RCLEC, Inc. to its customers.

The provision of service by the Company as set forth in this tariff does not constitute a joint undertaking with the Customer for the furnishing of any service.

This Tariff applies only to the extent that facilities are available and services provided hereunder are used by a Customer for the purpose of originating or terminating interstate communications.

ACCESS SERVICES

SECTION 2 – REGULATIONS**2.1 Undertaking of the Company****2.1.1 Scope**

The Company undertakes to furnish access services in accordance with the terms and conditions set forth in this tariff.

2.1.2 Shortage of Facilities

All service is subject to the availability of suitable facilities. The Company reserves the right to limit the length of communications or to discontinue furnishing services when necessary because of the lack of transmission medium capacity or because of any causes beyond its control.

2.1.3 Terms and Conditions

- (A) Service is provided on the basis of a minimum period of at least one month, 24 hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- (B) Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customers will also be required to execute any other documents as may be reasonably requested by the Company.
- (C) In any action between the parties to enforce any provisions of this tariff, the Company, if it prevails in the action, shall be entitled to recover court costs and legal fees from the customer.
- (D) This tariff shall be interpreted and governed by the laws of the United States without regard for its choice of laws provision.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.1 Undertaking of the Company (Cont'd)2.1.4 Limitations on Liability

- (A) Except as otherwise stated in this section, the liability of the Company for damages arising out of either:
- (1) the furnishing of its services, including but not limited to mistakes, omissions, interruptions, delays, or errors, or other defects, representatives, or use of these services or
 - (2) the failure to furnish its service, whether caused by acts or omission, shall be limited to the extension of allowances to the Customer for interruptions in service as set forth in Section 2.8.
- (B) Except for the extension of allowances to the Customer for interruptions in service as set forth in Section 2.8, the Company shall not be liable to a Customer or third party for any direct, indirect, special, incidental, reliance, consequential, exemplary or punitive damages, including, but not limited to, loss of revenue or profits, for any reason whatsoever, including, but not limited to, any act or omission, failure to perform, delay, interruption, failure to provide any service or any failure in or breakdown of facilities associated with the service.
- (C) The liability of the Company for errors in billing that result in overpayment by the Customer shall be limited to a credit equal to the dollar amount erroneously billed or, in the event that payment has been made and service has been discontinued, to a refund of the amount erroneously billed.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.1 Undertaking of the Company (Cont'd)2.1.4 Limitations on Liability (Cont'd)

(D) The Company shall not be liable for any claims for loss or damages involving:

- (1) Any act or omission of: (a) the Customer, (b) any other entity furnishing service, equipment or facilities for use in conjunction with services or facilities provided by the Company; or (c) common carriers or warehousemen;
- (2) Any delay or failure of performance or equipment due to causes beyond the Company's control, including but not limited to, acts of God, fires, floods, earthquakes, hurricanes, or other catastrophes; national emergencies, insurrections, riots, wars or other civil commotions; strikes, lockouts, work stoppages or other labor difficulties; criminal actions taken against the Company; unavailability, failure or malfunction of equipment, fiber cuts, power outages or facilities provided by the Customer or third parties; and any law, order, regulation or other action of any governing authority or agency thereof^[JS3]^[JS4];
- (3) Any unlawful or unauthorized use of the Company's facilities and services;
- (4) Libel, slander, invasion of privacy or infringement of patents, trade secrets, or copyrights arising from or in connection with the transmission of communications by means of Company-provided facilities or services; or by means of the combination of Company-provided facilities or services with Customer-provided facilities or services;
- (5) Breach in the privacy or security of communications transmitted over the Company's facilities;
- (6) Changes in any of the facilities, operations or procedures of the Company that render any equipment, facilities or services provided by the Customer obsolete, or require modification or alteration of such equipment, facilities or services, or otherwise affect their use or performance, except

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.1 Undertaking of the Company (Cont'd)2.1.4 Limitations on Liability (Cont'd)

(D) (Cont'd)

- (7) where reasonable notice is required by the Company and is not provided to the Customer, in which event the Company's liability is limited as set forth in Section 2.1.4, preceding.
- (8) Defacement of or damage to Customer premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof.
- (9) Injury to property or injury or death to persons, including claims for payments made under Workers' Compensation law or under any plan for employee disability or death benefits, arising out of, or caused by, any act or omission of the Customer, or the construction, installation, maintenance, presence, use or removal of the Customer's facilities or equipment connected, or to be connected to the Company's facilities;
- (10) Any intentional, wrongful act of a Company employee when such act is not within the scope of the employee's responsibilities for the Company and/or is not authorized by the Company;
- (11) Any representations made by Company employees that do not comport, or that are inconsistent, with the provisions of this Tariff.
- (12) Any non-completion of calls due to network unavailability, including busy[US5][US6] conditions;
- (13) Any calls not actually attempted to be completed during any period that service is unavailable.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.1 Undertaking of the Company (Cont'd)2.1.4 Limitations on Liability (Cont'd)

- (E) The Company shall be indemnified, defended and held harmless by the Customer or any third party from and against any and all claims, loss, demands, suits, expense, or other action or any liability whatsoever, including attorney fees, whether suffered, made, instituted, or asserted by the Customer or by any other party, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, including environmental contamination, whether owned by the Customer or by any other party, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, presence, condition, location, use or removal of any Company or Customer equipment or facilities or service provided by the Company.
- (F) The Company does not guarantee nor make any warranty with respect to installations provided by it for use in an explosive atmosphere. The Company shall be indemnified, defended and held harmless by the Customer from and against any and all claims, loss, demands, suits, or other action, or any liability whatsoever, including attorney fees, whether suffered, made, instituted or asserted by the Customer or by any other party, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, including environmental contamination, whether owned by the Customer or by any other party, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, presence, condition, location, use or removal of any equipment or facilities or the service.
- (G) The Company assumes no responsibility for the availability or performance of any cable or satellite systems or related facilities under the control of other entities, or for other facilities provided by other entities used for service to the Customer, even if the Company has acted as the Customer's agent in arranging for such facilities or services. Such facilities are provided subject to such degree of protection or non-preemptibility as may be provided by the other entities.
- (H) Except as otherwise stated in this Tariff, any claim of whatever nature against the Company shall be deemed conclusively to have been waived unless presented in writing to the Company within thirty (30) days after the date of the occurrence that gave rise to the claim.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.1 Undertaking of the Company (Cont'd)2.1.4 Limitations on Liability (Cont'd)

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

2.1.5 Provision of Equipment and Facilities

- (A) The company shall not be responsible for the installation, operation or maintenance of any Customer-provided communications equipment. Where such equipment is connected to service furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of services under this tariff and to the maintenance and operation of such services in the proper manner. Subject to this responsibility, the Company shall not be responsible for:

- (1) the through transmission of signals generated by Customer-provided equipment or for the quality of, or defects in, such transmission; or
- (2) the reception of signals by Customer-provided equipment; or
- (3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

2.1.6 Responsibility for Facilities

Control of all facilities provided in accordance with this tariff remains with the Company, its agents, contractors or suppliers; regardless of whether or not the Company owns or leases the facilities.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.2 Prohibited Uses

- (A) The services the Company offers shall not be used for any unlawful purpose or for any use for which the Customer has not obtained all required governmental approvals, authorization, licenses, consents and permits.
- (B) The Company may require applicants for service who intend to use the Company's offering for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and regulations, policies, orders, and decisions.
- (C) The Company may require a Customer to immediately shut down its transmission if such transmission is causing interference to others.
- (D) A Customer may not assign, or transfer in any manner, the service or any rights associated with the service without the written consent of the Company. The Company will permit a Customer to transfer its existing service to another entity if the existing Customer has paid all charges owed to the Company for regulated access services, and the Assignee has passed appropriate credit checks. [Such] transfer will be treated as a disconnection of existing service and installation of new service, and non- recurring installation charges as stated in this tariff will apply.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.3 Customer Premises Provisions

- (A) The Customer shall provide the personnel, power and space required to operate all facilities and associated equipment installed on the premises of the Customer.
- (B) The Customer shall be responsible for providing Company personnel access to premises of the Customer at any reasonable hour for the purpose of testing the facilities or equipment of the Company.

2.3.1 Liability of the Customer

- (A) The Customer will be liable for damages to the facilities of the Company and for all incidental and consequential damages caused by the negligent or intentional acts or omissions of the Customer, its officers, employees, agents, invitees, or contractors where such acts or omissions are not the direct result of the Company's negligence or intentional misconduct.
- (B) To the extent caused by any negligent or intentional act of the Customer as described in (A), preceding, the Customer shall indemnify, defend and hold harmless the Company from and against all claims, actions, damages, liabilities, costs and expenses, including reasonable attorneys' fees, for:
 - (1) any loss, destruction or damage to property of any third party,
 - (2) the death of or injury to persons, including, but not limited to, employees or invitees of either party, and
 - (3) any liability incurred by the Company to any third party pursuant to this or any other tariff of the Company, or otherwise, for any interruption of, interference to, or other defect in any service provided by the Company to such third party.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.3 Customer Premises Provisions (Cont'd)2.3.1 Liability of the Customer (Cont'd)

- (C) The Customer shall not assert any claim against any other customer or user of the Company's services for damages resulting in whole or in part from or arising in connection with the furnishing of service under this Tariff including but not limited to mistakes, omissions, interruptions, delays, errors or other defects or misrepresentations, whether or not such other customer or user contributed in any way to the occurrence of the damages, unless such damages were caused solely by the negligent or intentional act or omission of the other customer or user and not by any act or omission of the Company. Nothing in this Tariff is intended either to limit or to expand Customer's right to assert any claims against third parties for damages of any nature other than those described in the preceding sentence.

2.3.2 Jurisdictional Report Requirements

- (A) For all Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows. The Customer has the option to provide the Company with a Projected PIU factor. Customers who provide a PIU factor shall supply the Company with an interstate percentage of - terminating and originating end office and tandem access minutes for each account associated with the Customer.

Should the Customer not supply a terminating PIU Factor, the Company will designate a PIU factor of 75[158]% for access minutes. When the Customer does provide the PIU factor, the Company will update the customer's PIU factors at the beginning of the next billing cycle.

- (B) These whole number percentages will be used by the Company to apportion the use, rates, and/or nonrecurring charges between interstate and intrastate until a revised report is received.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.3 Customer Premises Provisions (Cont'd)2.3.2 Jurisdictional Report Requirements (Cont'd)

- (C) The projected interstate percentage of use will be used to determine the charges as follows:

The number of access minutes for an associated account will be multiplied by the projected interstate percentage of use to determine the interstate access minutes. (i.e., number of access minutes x projected interstate percentage of use = interstate access minutes).

The number of interstate access minutes so determined will be subtracted from the total number of access minutes (i.e., number of access minutes – interstate access minutes = intrastate access minutes). The interstate access minutes for the associated account will be billed as set forth in Section 4 following.

- (D) Effective on the first of January, April, July and October of each year, the Customer may update the jurisdictional reports that require a projected interstate percentage. The Customer shall forward to the Company, to be received no later than 20 calendar days after the first of each such month, a revised report showing the interstate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate and intrastate use. Except as set forth in Section 2.3.2(A) preceding where jurisdiction can be determined from the recorded message detail, the revised report will serve as the basis for the next three months billing and will be effective on the bill date in the following month (i.e., February, May, August, and November) for that service. No prorating or back billing will be done based on the report. If the Customer does not supply the report, the Company will assume the percentage to be the same as that provided in the last quarterly report. For those cases in which a quarterly report has never been received from the Customer, the Company will assume the percentage to be the same as that provided in the order for service as set forth in Section 2.3.2 (A) preceding.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.3 Customer Premises Provisions (Cont'd)2.3.2 Jurisdictional Report Requirements (Cont'd)

- (E) The Customer reported projected interstate percentage of use as set forth in Section 2.3.2 (A) preceding will be used for the apportionment of monthly rates or nonrecurring charges associated with Access Service until the end of the quarter during which the service was activated.
- (F) The Customer shall keep sufficient detail from which the percentage of interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once per year. The Customer shall supply the data within 30 calendar days of the Company request.
- (G) The Customer may provide an additional percentage of interstate use for Entrance Facility and Direct Trunked Transport subject to the reporting requirements previously listed in this section. The percentage of interstate use may be provided per individual facility or at the billing account level. Should the Customer not provide a percentage of interstate use, the Company will use the reported aggregated percentage of interstate use.

2.4 Customer Equipment and Channels2.4.1 Interconnection of Facilities

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

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.4 Customer Equipment and Channels (Cont'd)2.4.2 Inspections

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

2.5 Customer Deposits and Advance Payments2.5.1 Advance Payments

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

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.5 Customer Deposits and Advance Payments (Cont'd)2.5.2 Deposits

- (A) The Company does not normally charge deposits to its customers. To safeguard its interests though, the Company may require the 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:
- (1) one month's charges for a service or facility which has a minimum payment period of one month; or
 - (2) the charges that would apply for the minimum payment period for a service or facility which has a minimum payment period of more than one month; except that the deposit may include an additional amount in the event that a termination charge is applicable.
- (B) A deposit may be required in addition to an advance payment.
- (C) When a service or facility is discontinued, the amount of a deposit, if any, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company may, at its option, return the deposit or credit it to the Customer's account. If the amount of the deposit is insufficient to cover the balance due to the Customer's account, the Company retains the right to collect any amounts owing after the deposit has been applied plus any costs related to the collection of any remaining balance.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.6 Payment for Service

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

(A) Taxes

The Customer is responsible for payment of any sales, use, gross receipts, excise, access or other local, state and federal taxes, charges or surcharges (however, designated) (excluding taxes on the Company's net income) imposed on or based upon the provision, sale or use of Network Services. If a Customer is tax exempt it is the Customer's responsibility to designate its tax exempt status.

(B) Surcharges

The Company may institute surcharges in order to recover its costs that are not normally recovered under its monthly recurring and non-recurring charges. The customer is responsible for payment of any surcharges.

2.6.2 Billing and Collection of Charges

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

(A) Non-recurring charges are due and payable within 30 days after the date of the invoice.

(B) The Company shall present invoices for Recurring Charges monthly to the Customer, in advance of the month in which service is provided, and Recurring Charges shall be due and payable within 30 days after the date of the invoice. When billing is based upon customer usage, usage charges will be billed monthly for the preceding billing period.

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

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)**2.6 Payment for Service (Cont'd)****2.6.2 Billing and Collection of Charges (Cont'd)**

- (D) If any portion of the payment is received by the Company after the date due, or if any portion of the payment is received by the Company in funds which are not immediately available upon presentment, then a late payment penalty shall be due to the Company. The late payment penalty shall be the portion of the payment not received by the date due, multiplied by a late factor. The late factor shall be the lesser of:
 - (1) a rate of 1.5 percent per month; or
 - (2) the highest interest rate which may be applied under state law for commercial transactions.
- (E) The Customer will be assessed a charge of twenty-five dollars (\$25.00) for each check submitted by the Customer to the Company which a financial institution refuses to honor.
- (F) Customers have up to 90 days (commencing 5 days after remittance of the bill) to initiate a dispute over charges or to receive credits.
- (G) If service is disconnected by the Company in accordance with Section 2.6.3 following and later restored, restoration of service will be subject to all applicable installation charges.

2.6.3 Billing Disputes**(A) General**

All bills are presumed accurate, and shall be binding on the Customer unless notice of the disputed charge(s) is received by the Company within 90 days (commencing 5 days after such bills have been mailed or otherwise rendered per the Company's normal course of business). For the purposes of this section, "notice" is defined as written notice to the Company, containing sufficient documentation to investigate the dispute, including the account number under which the bill has been rendered, the date of the bill, and the specific items on the bill being disputed.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)

2.6 Payment for Service (Cont'd)

2.6.3 Billing Disputes (Cont'd)

(B) Late Payment Charge

- (1) The undisputed portions of the bill must be paid by the payment due date to avoid assessment of a late payment charge on the undisputed amount under Section 2.6.2(D), preceding.
- (2) In the event that a billing dispute is resolved by the Company in favor of the Customer, any disputed amount withheld pending resolution of the billing dispute shall not be subject to the late payment charge.
- (3) In the event that a billing dispute is resolved in favor of the Company, the Customer shall pay the late payment charge.

(C) Adjustments or Refunds to the Customer

- (1) In the event that the Company resolves the billing dispute in favor of a Customer who has withheld payment of the disputed amount pending resolution of the disputed bill, the Company will credit the Customer's account for the disputed amount in the billing period following the resolution of the dispute.
- (2) In the event that the Company resolves the billing dispute in favor of a Customer who has paid the total amount of the disputed bill, the Company will credit the Customer's account for any overpayment by the Customer in the billing period following the resolution of the dispute.
- (3) In the event that the Company resolves the billing dispute in favor of a Customer who has paid the total amount of the disputed bill but canceled the service, the Company will issue a refund of any overpayment by the Customer.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.6 Payment for Service (Cont'd)2.6.3 Billing Disputes (Cont'd)

(C) Adjustments or Refunds to the Customer (Cont'd)

- (4) All adjustments or refunds provided by the Company to the Customer at the Customer's request, or provided by the Company to the Customer by way of compromise of a billing dispute, and which are accepted by the Customer, are final and constitute full satisfaction, settlement, and/or compromise of all of the Customer's claims for the billing period for which the adjustment or refund was issued.
- (5) The Company reserves the right to invoice for services not originally billed to the customer. The Company will include any unbilled charges for a period of 24 months from the date of discovery of the unbilled services.

(D) Unresolved Billing Disputes

In the case of a billing dispute between the Customer and the Company for service furnished to the Customer, which cannot be settled to the mutual satisfaction of the Customer and the Company, the Customer has up to 90 days (commencing 5 days after such bills have been mailed or otherwise rendered during the Company's normal course of business) to request an in-depth review of the disputed amount.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.6 Payment for Service (Cont'd)2.6.4 Discontinuance of Service for Cause

- (A) Upon nonpayment of any amounts owing to the Company, the Company may, by giving 24 hours prior written notice to the Customer, discontinue or suspend service without incurring any liability.
- (B) Upon violation of any of the other material terms or conditions for furnishing service the Company may, by giving 24 hours prior notice in writing to the Customer, discontinue or suspend service without incurring any liability if such violation continues during that period.
- (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.
- (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.
- (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.
- (F) In the event of fraudulent use of the Company's network, the Company may without notice suspend or discontinue service. The Customer will be liable for all related costs. The Customer will also be responsible for payment of any reconnection charges.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.6 Payment for Service (Cont'd)2.6.4 Discontinuance of Service for Cause (Cont'd)

- (G) Upon the Company's discontinuance of service to the Customer under Section 2.6.4(A) or 2.6.4(B), 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 (discounted to present value at six percent (6%).

2.6.5 Notice to Company for Cancellation of Service

Customers desiring to terminate service shall provide Company thirty (30) days written notice of desire to terminate service.

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

Meet point billing applies when more than one Exchange Telephone Company is involved in the provision of Access Service. All recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each company's applicable rates.

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

2.6.7 Changes in Service Requested

If the Customer makes or requests material changes in circuit engineering, equipment specifications, service parameters, premises locations, or otherwise materially modifies any provision of the application for service, the Customer's installation fees shall be adjusted according to the term and conditions set forth in 3.4 following, Access Order Modifications.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.6 Payment for Service (Cont'd)2.6.8 Customer Overpayment

Customer overpayments will be credited to the Customer's account or refunded upon Customer request.

2.7 Application of Rates

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

2.7.1 Charges Based on Duration of Use

Calls will be measured by the Company to determine the basis for computing chargeable access minutes, as set forth in Section 4.5.3 following.

2.8 Allowances for Interruptions in Service2.8.1 General

- (A) A credit allowance will be given when service is interrupted, except as specified in Section 2.8.2 following. A service is interrupted when it becomes inoperative to the Customer, e.g., the Customer is unable to transmit or receive, because of a failure of a component furnished by the Company under this tariff.
- (B) An interruption period begins when the Customer reports a service, facility or circuit to be inoperative and, if necessary, releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative.
- (C) If the Customer reports a service, facility or circuit to be interrupted but declines to release it for testing and repair, the service, facility or circuit is considered to be impaired but not interrupted. No credit allowances will be made for a service, facility or circuit considered by the Company to be impaired.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.8 Allowances for Interruptions in Service (Cont'd)2.8.2 Limitations of Allowances

No credit allowance will be made for any interruption in service:

- (A) Due to the negligence of or noncompliance with the provisions of this tariff by any person or entity other than the Company, including but not limited to the Customer or other common carriers connected to the service of the Company;
- (B) Due to the failure of power, equipment, systems, connections or services not provided by the Company;
- (C) Due to circumstances or causes beyond the control of the Company;
- (D) During any period in which the Company is not given full and free access to its facilities and equipment for the purposes of investigating and correcting interruptions;
- (E) During any period in which the Customer continues to use the service on an impaired basis;
- (F) 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;
- (G) That occurs or continues due to the Customer's failure to authorize replacement of any element of special construction; and
- (H) That was not reported to the Company within thirty (30) days of the date that service was affected.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.8 Allowances for Interruptions in Service (Cont'd)2.8.3 Use of Another Means of Communications

If the Customer elects to use another means of communications during the period of interruption, the Customer must pay the charges for the alternative service used.

2.8.4 Application of Credits for Interruptions in Service

- (A) Credits for interruptions for services provided and billed on a flat rate basis for a minimum period of at least one month, beginning on the date that billing becomes effective, shall in no event exceed an amount equivalent to the proportionate charge to the Customer for the period of service during which the event that gave rise to the claim for a credit occurred. A credit allowance is applied on a pro rate basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.
- (B) For calculating credit allowances, every month is considered to have thirty (30) days.
- (C) A credit allowance will be given for interruptions in service of 15 minutes or more. Two or more interruptions of 15 minutes or more during any one 24-hour period shall be considered as one interruption.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)

2.8 Allowances for Interruptions in Service (Cont'd)

2.8.4 Application of Credits for Interruptions in Service (Cont'd)

(D) Interruptions of 24 Hours or Less

<u>Interruption Period</u>	<u>Length of Interruption To Be Credited</u>
Less than 15 minutes	None
15 minutes up to but not including 3 hours	1/10 Day
3 hours up to but not including 6 hours	1/5 Day
6 hours up to but not including 9 hours	2/5 Day
9 hours up to but not including 12 hours	3/5 Day
12 hours up to but not including 15 hours	4/5 Day
15 hours up to but not including 24 hours	One Day

(E) Continuous Interruption Over 24 Hours and Less Than 72 Hours

Interruptions over 24 hours and less than 72 hours will be credited 1/5 day for each three-hour (3) period or fraction thereof that occurs following the expiration of the initial 24-hour period. No more than one full day's credit will be allowed for any period of 24 hours.

(F) Interruptions Over 72 Hours

Interruptions over 72 hours will be credited two (2) days for each full 24-hour period that occurs following the expiration of the initial 72-hour period. No more than 30 days credit will be allowed for any one month period.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.8 Allowances for Interruptions in Service (Cont'd)2.8.5 Cancellation For Service Interruption

Cancellation or termination for service interruption is permitted only if any circuit experiences a single continuous outage of 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.

2.9 Cancellation of Service/Termination Liability

If a Customer cancels a Service Order or terminates services before the completion of the term for any reason whatsoever other than a service interruption (as defined in Section 2.8.1), the Customer agrees to pay to Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in Section 2.6.2.

2.9.1 Termination Liability

Customer's termination liability for cancellation of service shall be equal to:

- (a) all unpaid Non-Recurring charges reasonably expended by Company to establish service to Customer, plus;
- (b) any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by Company on behalf of Customer, plus;
- (c) all Recurring Charges specified in the applicable Service Order for the balance of the then current term discounted at the prime rate published in the Wall Street Journal on the third business day following the date of cancellation;
- (d) minus a reasonable allowance for costs avoided by the Company as a direct result of customer's cancellation.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)2.10 Customer Liability for Unauthorized Use of the Network2.10.1 Unauthorized Use of the Network

- (A) Unauthorized use of the Network occurs when: (1) a person or entity that does not have actual, apparent, or implied authority to use the Network, obtains the Company's services provided under this Tariff; or (2) a person or entity that otherwise has actual, apparent, or implied authority to use the Network, makes fraudulent use of the Network to obtain the Company's services provided under this Tariff, or uses specific services that are not authorized.
- (B) The following activities constitute fraudulent use:
- 1) Using the Network to transmit a message, locate a person, or otherwise give or obtain information, without payment for the service;
 - 2) Using or attempting to use the Network with the intent to avoid payment, either in whole or part, of any of the Company's tariffed charges by either rearranging, tampering with, or making connections not authorized by this tariff to any service components used to furnish the Company's services or using fraudulent means or devices, tricks, schemes, false or invalid numbers, false credit devices or electronic devices;
 - 3) Using fraudulent means or devices, tricks, schemes, false or invalid numbers, false credit devices or electronic devices to defraud or mislead callers.
- (C) Customers are advised that use of telecommunications equipment and services, including that provided under this tariff, carries a risk of various forms of telecommunications fraud (including, but not limited to, toll and PBX fraud perpetrated by third parties who gain access to a Customer's facilities, account numbers, security or authorization codes, etc.). Customers should take all necessary steps to restrict access to their facilities, including the equipment and services provided hereunder, and to detect and prevent unauthorized use of the equipment and services provided by the Company under this tariff.

ACCESS SERVICES

SECTION 2 – REGULATIONS (CONT'D)

2.10 Customer Liability for Unauthorized Use of the Network (Cont'd)

2.10.2 Liability for Unauthorized Use

- (A) Except as provided for elsewhere in this tariff, the Customer is responsible for payment of all charges for services provided under this tariff furnished to the Customer. This responsibility is not changed due to any use, misuse, or abuse of the Customer's service or Customer-provided equipment by other third parties, the Customer's employees, or the public.
- (B) The Customer is liable for all costs incurred as a result of unauthorized use of the Network, including service charges and any direct, indirect, special, incidental, reliance, consequential, exemplary or punitive charges.
- (C) The Customer is responsible for payment of any charges related to the suspension and/or termination of service, and any charges for reconnection of service, incurred as a result of unauthorized use of the network.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER**3.1 General**

An Access Service Order is used by the Company to provide a Customer Access Service. A Customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service. Where no service order is placed to initiate service, a party shall be deemed a Customer for receipt of service in all circumstance in which such party knew or should have known that service was being provided. Failure to object to the provisioning of service after receipt of a bill identifying such service shall establish conclusively that such service was ordered.

When placing an order for Access Service, the Customer shall provide to the Company the order information required in Section 3.2 in addition to the following:

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

3.2 Ordering Requirements

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

- (1) Direct Trunked Transport to the end office,
- (2) Direct Trunked Transport to a tandem which connects with Common Transport from the tandem to the end office or
- (3) Common Transport to the end office; customer specification of facilities will not impede the flow of traffic via Common Transport and related charges.

When all or a portion of service is ordered as Direct Trunked Transport, the Customer must specify the type and quantity of Direct Trunked Transport Facility (i.e., High Capacity DS1). The Customer must also specify the type of Entrance Facility to be used for Switched Access (e.g., High Capacity). For High Capacity Entrance Facilities, the Customer must specify the facility assignment and the channel assignment for each trunk.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.2 Ordering Requirements (Cont'd)

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

In addition, for Switched Access Service with the SS7 signaling option, the Customer shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 signaling option.

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

- (B) When a Customer orders collocation in an end office and/or access tandem with Company provided Switched Access Service(s), the Customer must specify the collocated fiber optic facilities or microwave interconnection location involved. The Customer must also specify the particular end office or access tandem location involved, which must be the end office in which the Switched Access Service(s) originate or terminate, or an Access Tandem in which such service(s) are switched[JS9]. Such orders are subject to availability. Nothing in this tariff shall require the Company to construct facilities.
- (C) For 8YY Data Base Access Service, the Customer shall order the service in accordance with the preceding provisions set forth for Switched Access Service.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.3 Access Order Service Date Intervals

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

- Standard Interval
- Negotiated Interval
- Advance Order Interval

To the extent 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.

(A) Standard Interval

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

Switched Access Service
1 to 4 Trunks 28 working Days
5 to 8 Trunks 30 working Days

If a Customer requests that installation be done outside of normal scheduled work hours, and the Company agrees to this request, the Customer will be subject to applicable Additional Labor Charges as set forth in Section 7.2.3 following.

(B) Negotiated Interval

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

- (1) There is no Standard Interval for the service, or;
- (2) The quantity of Access Services orders exceeds the quantities specified in the Standard Intervals, or;
- (3) The Customer requests a service date beyond the applicable Standard Interval service date.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.3 Access Order Service Date Intervals (Cont'd)(B) Negotiated Interval (Cont'd)

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

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

The addition and/or deletion of 8YY Access Service six-digit Customer identification NXX is provided with a Negotiated Interval. The addition of an 8YY Access Service ten digit Customer identification record to the 8YY Access Service data base or the deletion of an 8YY Access Service ten digit Customer identification record from the 8YY Access Service data base is provided with a Negotiated Interval.

Maximum Interval Initial establishment of service where Customer is:

- Not yet provided with any Switched Access Service in the LATA - 6 months
- Provided Switched Access Service in the LATA - 90 days

(C) Advance Order Interval

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

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

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

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)**3.3 Access Order Service Date Intervals (Cont'd)****(C) Advance Order Interval (Cont'd)**

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

(1) Advance Payment

A nonrefundable Advance Payment will be calculated as follows:

Advance Payment (Nonrefundable) the minimum (Nonrefundable) monthly charge for the minimum period plus the applicable Nonrecurring Charges for the services ordered. This Advance Payment is due 10 working days from the date the Company confirms acceptance of the order, or on the Application Date, whichever date is the later date. If the Advance Payment is not received by such payment date, the order will be cancelled.

When the Access Services are connected on the service date, the Advance Payment will be applied, as a credit, to the Customer's billed service charges. When there has been a decrease in the number of services originally ordered, as set forth in (2) following, only the portion of the Advance Payment for services actually installed will be credited.

(2) Cancellation or Partial Cancellation of an Advance Order Interval Access Order When the Customer cancels an Access Order, the order will be withdrawn. The Advance Payment will not be credited or refunded.

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

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)**3.4 Access Order Modifications**

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

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

(A) Partial Cancellation Charge

Any decrease in the number of ordered Switched Access Service lines, trunks or busy hour minutes of capacity ordered with a Standard or Negotiated Interval Access Order will be treated as a partial cancellation and the charges as set forth in Section 3.5(B)(1) following will apply. Partial cancellation charges do not apply to Advance Order Interval Access Orders.

(B) Expedited Order Charge

When placing an Access Order for service(s) for which Standard Intervals exist, a Customer may request a service date that is prior to the Standard Interval service date. A Customer may also request an earlier service date on a pending Standard, Negotiated or Advance Order Interval Access Order. If the Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply. If the Company receives a request for an expedited service date at the time a Standard Interval Access Order is placed, the Expedited Order Charge is calculated by summing all the nonrecurring charges associated with the order and then dividing this total by the number of days in the Standard Interval. The charge is then applied on a of improvement basis, per order, per day, but in no event shall the charge exceed fifty (50) percent of the total nonrecurring charges associated with the Access Order.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.5 Cancellation of an Access Order

(A) A Customer may cancel an Access Order for the installation of service at any time prior to notification by the Company that service is available for the Customer's use or prior to the service date, whichever is later. The cancellation date is the date the Company receives written or verbal notice from the Customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If a Customer or an end user is unable to accept Access Service within 30 calendar days after the original service date, the Customer has the choice of the following options:

- The Access Order shall be cancelled and charges set forth in (B) following will apply, or
- Billing for the service will commence.

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

- (B) When a Customer cancels a Standard or Negotiated Interval Access Order for the installation of service, a Cancellation Charge will apply as follows:
- (1) When the Customer cancels an Access Order, a charge equal to the estimated provisioning costs incurred at a particular date for the service ordered by the Company shall apply.
 - (2) If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than thirty (30) days, due to circumstances such as acts of God, facilities embargo, governmental requirements, work stoppages and civil commotions, the Customer may cancel the Access Order without incurring cancellation charges.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.6 Minimum Period

- (A) The minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The following changes will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service.

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

- (1) A move to a different building.
 - (2) A change in type of service.
 - (3) Change in Switched Access Service traffic type.
 - (4) A change in STP Link.
 - (5) A change in STP Port.
 - (6) Change in Company-provided Switched Access Service to a Collocated Interconnection arrangement or vice versa.
 - (7) Change to an existing Switched Access Service to include the provision of 64 kbps Clear Channel Capability.
- (C) When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

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

- For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity.
- All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

ACCESS SERVICES

SECTION 3 – ACCESS SERVICE ORDER (CONT'D)3.7 Individual Case Basis (ICB)

Arrangements will be developed on a case-by-case basis in answer to a bona fide request from a Customer or prospective Customer to develop a competitive bid for a service offered under this tariff. Rates quoted in response to such competitive requests may be different than those specified for such service in this tariff. ICB rates will be offered to the Customer in writing.

Contracts will be used in the circumstance of Individual Case Basis (ICB) service offerings. The terms and conditions of each contract offering are subject to the agreement of both the Customer and Company. Such contract offerings will be made available to similarly situated Customers in substantially comparable circumstances. Contracts are obtainable to any similarly situated Customer that places an order within 90 days of their effective date. In the event of a conflict between the Customer and the Company, the contract will take precedence over this tariff in regards to resolution of the conflict. Contracts are subject to applicable law of a competent jurisdiction.

ACCESS SERVICES

SECTION 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-way 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 in the LATA where it is provided. Switched Access Service must be ordered separately for each LATA in which the Customer desires to originate or terminate calls.

Notwithstanding the above language, Company may provide only a portion of Switched Access Service. Company is only responsible for the portions of the service it provides. For purposes of clarity, Customer may not withhold payment from Company for the portions of the service Company provides based on any dispute Customer may have with another carrier for the services such carrier may provide.

4.1.1 Rate Categories

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

- Switched Transport
- End Office Switching
- Chargeable Optional Features
- Database

When more than one Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in 2.6.7 preceding.

Tandem Switched Transport: Tandem Switched Transport is comprised of a Tandem Switched Transport Termination rate and a Tandem Switched Transport Facility rate. Both rate elements apply for the transmission facility between an End Office and the Company POI. This consists of circuits used in common by multiple Customers. The Tandem Switched Transport Termination rate element covers the circuit equipment at the end of the transmission facilities. For Tandem Switched Transport Termination, the amount billed will be the product of the quantity of Access Minutes multiplied by the Tandem Switched Transport Termination rate. The Tandem Switched Transport Termination charge will be applied for each location where the Company provides termination.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.1 General (Cont'd)4.1.1 Rate Categories (Cont'd)

Tandem Switched Transport Facility: The Tandem Switched Transport Facility rate element provides for the transmission facilities, including intermediate circuit equipment between an End Office and a Company POI or Access Tandem. For purposes of determining the per-mile rate, mileage will be measured as airline mileage using the V&H coordinates method.

Common Transport Multiplexing Charge: Transport multiplexing equipment is utilized in the End Office side of the Access Tandem when transport is provided between the Access Tandem and the subtending End Offices. The rate (if applicable) is assessed for DS3 to DS1 multiplexing on a per-MOU basis, and is in addition to Tandem Switched Transport charges.

End Office Switching: End Office Switching provides for the use of End Office switching functions, i.e., the common switching functions associated with the various Switched Access Service arrangements. The End Office Switching rate is assessed on a per-MOU basis to all originating and terminating access minutes utilizing the end office.

End Office Shared Port: The End Office Shared Port or Shared Port Charge rate provides for the termination of common transport trunks in shared end office ports and in remote switching system ports. The End Office Shared Port rate is assessed on a per-MOU basis to all trunk side originating and terminating access minutes utilizing tandem routing to the end office. If tandem routing is being utilized to a remote switching system (via a host office), the End Office Shared Port rate is assessed to the access minutes originating or terminating from the remote switching system.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.1 General (Cont'd)4.1.2 Description and Provision of Switched Access Service Arrangements(A) Manner of Provision

Switched Access is furnished in quantities of trunks or in busy hour minutes of capacity (BHMCs). Switched Access Service Access is furnished on a BHMC and on a per trunk basis as set forth in 3.2 preceding.

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the Customer.

(B) Trunk Configuration

Trunks used for Switched Access Service may be configured for one-way (either originating only or terminating only) or for two-way directionality. 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.

(C) Cross Connects

This service connects two facilities from the same customer or facilities from two different customers in the Company's central office(s). Cross connect service is provided at a DS1, DS3, OCX, or GigE level.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.2 Undertaking of the Company

In addition to the obligations of the Company set forth in Section 3 preceding, the Company has certain other obligations concerning the provision of Switched Access Service. These obligations are as follows:

4.2.1 Network Management

The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Company's network services. The Company maintains the right to apply protective controls, i.e., those actions 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. 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 Section 3 preceding.

4.2.2 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routine and may also be made available to the Customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., Customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.2 Undertaking of the Company (Cont'd)4.2.3 Determination of Number of Transmission Paths

For Common Transport, the Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 3.2(A) preceding) for the end offices for each Feature Group ordered from a Customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating) for the end office will be converted to transmission paths using standard Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only

4.2.4 Trunk Group Measurement Reports

Subject to availability, the Company will make available trunk group data in the form of usage in CCS and overflow, to the Customer based on previously agreed to intervals.

4.3 Obligations of the Customer

In addition to the obligations of the Customer set forth in Section 2 preceding, the Customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

4.3.1 Report Requirements

Customers are responsible for providing the following report to the Company, when applicable.

4.3.2 Jurisdictional Reports

When a Customer orders Switched Access Service for both interstate and intrastate use, the Customer is responsible for providing reports as set forth in Section 2 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in Section 2 preceding.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.3 Obligations of the Customer (Cont'd)4.3.3 Trunk Group Measurement Reports

With the agreement of the Customer, trunk group data in the form of usage in CCS and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

4.3.4 Supervisory Signaling

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

4.3.5 Short Duration Mass Calling Requirements

When a Customer offers service for which a substantial call volume is expected during a short period of time (e.g., 900 service media stimulated events), the Customer must notify the Company at least 48 hours in advance of each peak period. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the telephone number(s) to be used.

The Company may invoke network management controls, (e.g., call gapping and code blocking) to reduce the probability of excessive network congestion, on the basis of the information provided, The Company will work cooperatively with the Customer to determine the appropriate level of such control.

4.4 Optional Features

Where transmission facilities permit, the individual transmission paths between the Customers' designated premises and the first point of switching may, at the option of the Customer, be provided with the following optional features as set forth and described following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
- Signaling System 7 (SS7) Signaling

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.4 Optional Features (Cont'd)4.4.1 Local Transport Optional Features

(A) Supervisory Signaling

Supervisory Signaling allows the Customer to order an optional supervisory signaling arrangement for each transmission path provided where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capability.

(B) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the Customer's designated premises.

(C) 64 Clear Channel Capability

The 64 Clear Channel Capability (64 CCC) option employs the Bipolar 8 Zero Suppression (B8ZS) technique to permit Customers to use the full 64 Kbps bandwidth of a DS0 channel. 64 CCC is available with Interface Group 6 for Switched Access with Signaling System 7 signaling.

(D) Session Initiation Protocol (SIP)

SIP is an IETF-defined signaling protocol, widely used for controlling multimedia communication sessions such as voice and video calls over Internet Protocol (IP). A Customer may access the Company's network using SIP via dedicated GigE circuits, dedicated internet access or public Internet access.

4.4.2 Local Number Portability (LNP)

Local Number Portability gives end users the ability to move numbers from another service provider to the Company's local exchange service. The charge for this service is a carrier charge that covers the specific costs the Company incurs to dip an LNP database.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.5 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service

4.5.1 Rate Zones

Rate zones may be applicable to all Switched Access Service rate categories when determining rates in LEC territories that use zone pricing.

- Direct Trunked Termination and Common Transport Termination rates are dependent upon the assignment of the Serving Wire Center and the Company access tandem or the end office.
- Direct Trunked Transport and Common Transport that is computed between wire centers in different rate zones will be assigned the rates in the higher rate zone.
- Network blocking rates will be determined by the designation of the end office.

4.5.2 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are recurring rates, usage rates and nonrecurring charges. These rates and charges are applied directly to various rate elements as set forth following.

- Recurring Rates

Recurring rates are flat rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

- Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per occurrence (e.g., access minute, message call or query) basis. Usage rates are accumulated over a monthly period.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)**4.5 Rate Regulations (Cont'd)****4.5.2 Description and Application of Rates and Charges (Cont'd)****- Nonrecurring Charges**

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

(1) Installation of Service

- (a) A nonrecurring charge applies for each initial installation of an Entrance Facility. For each Entrance Facility of the same type, ordered at the same time, for the same date and from the same Customer premises to the same serving wire center, the applicable Entrance Facility nonrecurring charge will apply on a first and additional basis.

(2) Direct Trunked Transport Rates

- (a) The Direct Trunked Transport rate category is composed of two flat rated monthly recurring rate elements. These are the Direct Trunked Facility and the Direct Trunked Termination rate elements.

The Direct Trunked Facility charge applies per mile of interoffice transport provided over Direct Trunked services. The Facility charge does not apply to Direct Trunked circuits if the interoffice mileage is zero. The mileage measurement for determining the monthly rate for Direct Trunked Facility is specified in Section 4.5.4.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.5 Rate Regulations (Cont'd)4.5.3 Measuring Access Minutes

Customer traffic to end offices will be measured by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured by the Company to determine the basis for computing chargeable access minutes. In the event the Customer message detail is not available because the Company lost or damaged tapes or experienced recording system outages, the Company will estimate the volume of lost Customer access minutes of use based on previously known values.

For terminating calls over Switched Access Service, the measured minutes are chargeable access minutes.

Switched Access Service access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Customer traffic to end offices will be measured by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured by the Company to determine the basis for computing chargeable access minutes. In the event the Customer message detail is not available because the Company lost or damaged tapes or experienced recording system outages, the Company will estimate the volume of lost Customer access minutes of use based on previously known values.

For originating calls over Switched Access Service, usage measurement begins when the originating switch receives the set up message to initiate the call set up.

The measurement of originating call usage ends when either leg of the call is dropped.

For terminating calls over Switched Access Service, the measurement of access minutes begins when the terminating switch receives an initial address message from the originating switch.

ACCESS SERVICES

SECTION 4 - SWITCHED ACCESS SERVICE (CONT'D)4.5 Rate Regulations (Cont'd)4.5.3 Measuring Access Minutes (Cont'd)

The measurement of terminating call usage over Switched Access ends when either leg of the call is dropped.

Switched Access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

4.5.4 Mileage Measurement

The mileage to be used to determine the Direct Trunked Facility charges is calculated on the airline distance, as set forth in (A) through (C) following. The V&H coordinates method is used to determine mileage.

To determine the rate to be billed, first compute the mileage usage the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile. If the Switched Transport is Direct Trunked, then multiply the rounded mileage by the corresponding Direct Trunked Transport rate.

- (A) When Direct Trunked Transport is ordered to the end office, Direct Trunked Transport is measured on an airline distance basis between the end office and the Customer's serving wire center.
- (B) When a Customer orders Direct Trunked Transport between its serving wire center and a tandem or a hubbing location or between a hub and an end office, the mileage used to determine the monthly rate for direct Trunked Transport is calculated on the airline mileage basis, between the Customer's serving wire center and the access tandem or hub, or between the hub or the end office, respectively.
- (C) For SS7 signaling, the mileage to be used to determine the monthly rate for the STP Link facility is calculated on the airline distance between the serving wire center associated with the Customer's designated premises (Signaling Point of Interface) and the wire center providing the STP Port.

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES**5.1 Switched Access Rates and Charges****5.1.1 Switched Access Rate Elements**

The Company bills for the access rate elements noted below.

Common Switched Transport

Tandem Switched Transport (TST) is comprised of a Tandem Switched Transport Termination rate and a Tandem Switched Transport Facility rate.

Both rate elements apply for the transmission facility between an End Office and the Company POI. This consists of circuits used in common by multiple Customers. The Tandem Switched Transport Termination rate element covers the circuit equipment at the end of the transmission facilities. For Tandem Switched Transport Termination, the amount billed will be the product of the quantity of Access Minutes multiplied by the Tandem Switched Transport Termination rate. The Tandem Switched Transport Termination charge will be applied for each location where the Company provides termination.

The Tandem Switched Transport Facility (TSF) rate element provides for the transmission facilities, including intermediate circuit equipment between an End Office and a Company POI or Access Tandem. For purposes of determining the per-mile rate, mileage will be measured as airline mileage using the V&H coordinates method.

For Tandem Switched Transport Facility, the amount billed will be the multiplication product of:

- Airline miles between the end office and the POI or tandem
- By the Billing Percentage (BP) provided by the Company transport facility
- By the Quantity of Access Minutes
- By the Tandem Switched Transport Facility rate

The resulting amount is the Company's Tandem Switched Transport Facility charge. The Tandem Switched Transport Facility charge will be applied for all routes where the Company provides the Transport Facility between the POI or tandem and a subtending End Office where the call originates or terminates.

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Rate Elements (Cont'd)

The mileage to be used to determine the Tandem Switched Transport Facility rates are calculated on the airline distance between the End Office switch where the call originates or terminates and the Company POI. The V&H coordinates method is used to determine mileage. This method is set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff FCC No. 4 for Wire Center Information.

If the Company provides a portion of the transport mileage between the POI or Access Tandem and the End Office, to a Meet Point (MP) with another Exchange Carrier, the mileage to be used in the above charge is calculated on the airline distance between the Company POI and the Meet Point with the other Exchange Carrier. The interconnection Meet Points (MP) will be determined by the Exchange Carriers involved. The billing percentage (BP) factor for the Company for the service between the involved offices will be listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff FCC No. 4. Should any changes be made to the Meet Point billing with the Company arrangements as set forth, the Company will give affected Customers 30 days' notice.

Common Transport Multiplexing (CMUX):

Provides for use of multiplexing equipment within the transport network.

Local/End Office SwitchingLocal Switching (LS):

Provides for local end office switching features and functions.

Customers may choose local switching either bundled with other elements, or on an unbundled basis. The same local switching rate will apply regardless of whether local switching is bundled with other elements or not.

Common Trunk Port (CTP) or End Office Trunk Port (EOTP):

Provides for termination of common transport trunk facilities at end office switches

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination

<u>State/ILEC Areas</u>	<u>Terminating Rates</u>
Alabama – AT&T (Former BellSouth)	\$0.0001680
Alabama - CenturyLink (Former Qwest)	\$0.000168
Alabama – Frontier (Former	\$0.00241772
Arizona – CenturyLink (Former Quest)	\$0.000240
Arizona – Frontier (Former Citizens)	\$0.00100000
Arizona – Frontier Southwest	\$0.0000000
Arkansas – AT&T (Former Southwestern Bell)	\$0.000053
Arkansas – CenturyLink	\$0.000053
California – AT&T (Former Pacific Bell)	
Zone 1	\$0.000075
Zone 2	\$0.000130
Zone 3	\$0.000240
California – CenturyLink (Former Quest)	\$0.000075
California – Frontier (Former Citizens)	\$0.00100000
California – Frontier Southwest	\$0.00000000
California – Frontier (Former Verizon)	\$0.00241772
California – Verizon (Former GTE)	\$.00000000
Colorado – CenturyLink (Former Qwest)	\$0.0002400
Colorado – CenturyLink	\$0.000240
Connecticut – CenturyLink	\$0.000063
Connecticut – Frontier (Former AT&T & SNET)	\$0.000063
Connecticut – Verizon	\$0.0000000
District of Columbia – CenturyLink	\$0.0000000
District of Columbia - Verizon (Former Bell Atlantic)	\$0.0000000

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas	<u>Terminating Rates</u>
Florida – AT&T (Former BellSouth)	\$0.0001680
Florida - CenturyLink (Former Qwest)	\$0.000168
Florida – Frontier (Former Verizon)	\$000241772
Florida – Verizon (Former GTE)	\$0.0000000
Georgia – AT&T (Former BellSouth)	\$0.0001680
Georgia - CenturyLink (Former Qwest)	\$0.000168
Idaho - CenturyLink (Former Qwest)	\$0.000240
Idaho – Frontier (Former Citizens)	\$0.00100000
Illinois – AT&T (Former Ameritech)	
Zone 1	\$0.000103
Zone 2	\$0.000103
Zone 3	\$0.000105
Zone 4	\$0.000107
Zone 5	\$0.000109
Illinois – CenturyLink (Ameritech Operating Companies)	\$0.000103
Illinois – Frontier (Former Citizens)	\$0.00055600
Illinois – Frontier North	\$0000000
Illinois – Frontier (Former Verizon)	\$0.00241772

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas	<u>Terminating Rates</u>
Indiana - AT&T (Former Ameritech)	
Zone 1	\$0.000103
Zone 2	\$0.000103
Zone 3	\$0.000105
Zone 4	\$0.000107
Zone 5	\$0.000109
Indiana – CenturyLink (Ameritech Operating Companies)	\$0.000103
Indiana – Frontier (Former Verizon)	\$0.00241772
Iowa – Frontier	\$0.000500
Kentucky – AT&T (Former BellSouth)	\$0.0001680
Kentucky – CenturyLink (Former Quest)	\$0.000168
Kentucky – Windstream (KY East – Lexington)	\$0.0000479
Louisiana – AT&T (Former BellSouth)	\$0.0001680
Louisiana – CenturyLink (Former Bell South operating companies)	\$0.000168
Maine – Fairpoint (Former Verizon)	\$0.0000000
Maryland – CenturyLink	\$0.0000000
Maryland - Verizon (Former Bell Atlantic)	\$0.0000000
Massachusetts – CenturyLink	\$0.0000000
Massachusetts - Verizon (Former Bell Atlantic)	\$0.0000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas	<u>Terminating Rates</u>
Michigan - AT&T (Former Ameritech)	
Zone 1	\$0.000103
Zone 2	\$0.000103
Zone 3	\$0.000105
Zone 4	\$0.000107
Zone 5	\$0.000109
Michigan – CenturyLink (Ameritech Operating Companies)	\$0.000103
Michigan – Frontier (Former Verizon)	\$0.00241772
Minnesota - CenturyLink (Former Qwest)	\$0.000240
Minnesota – Frontier	\$0.000500
Minnesota – Frontier (Former Citizens)	\$0.00055600
Mississippi – AT&T (Former BellSouth)	\$0.0001680
Mississippi – CenturyLink (Former Bell South operating companies)	\$0.000168
Missouri – AT&T (Former Southwestern Bell)	\$0.000053
Missouri – CenturyLink	\$0.000053
Nevada – AT&T (Former Nevada Bell)	\$0.000120
Nevada – CenturyLink	\$0.000369
Nevada Frontier Southwest	\$0.0000000
New Jersey – CenturyLink	\$0.0000000
New Jersey – Verizon (Former Bell Atlantic)	\$0.0000000
New Mexico – Quest dba CenturyLink	\$0.000240

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas	Terminating Rates
New York – CenturyLink	\$0.0000000
New York – Verizon	\$0.0000000
New York – Frontier (Former Citizens)	\$0.00100000
New York – Frontier (Former Verizon)	\$0.00241772
New York – Frontier Rochester	\$0.00114997
North Carolina – AT&T (Former BellSouth)	\$0.0001680
North Carolina – CenturyLink	\$0.000168
North Carolina – Frontier (Former Verizon)	\$0.0000000
North Carolina – Windstream Telephone System	\$0.0002110
North Carolina – Verizon (Former GTE)	\$0.0000000
Ohio – Cincinnati Bell	\$0.0006000
Ohio – AT&T (Former Ameritech)	
Zone 1	\$0.000103
Zone 2	\$0.000103
Zone 3	\$0.000105
Zone 4	\$0.000107
Zone 5	\$0.000109
Ohio – CenturyLink (Ameritech Operating Companies)	\$0.000103
Ohio – Frontier (Former Verizon)	\$0.00241772
Oklahoma – AT&T (Former Southwestern Bell)	\$0.000053
Oklahoma – Windstream	\$0.000703
Oregon – CenturyLink (Former Quest)	\$0.000240
Oregon – Frontier (Former Citizens)	\$0.00100000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas	Terminating Rates
Pennsylvania – CenturyLink	\$0.0000000
Pennsylvania – Frontier Telephone Companies (Commonwealth)	\$0.0014230
Pennsylvania – Frontier (Former Verizon)	\$0.00241772
Pennsylvania – Frontier (Former Citizens)	\$0.00100000
Pennsylvania – Verizon (Former Bell Atlantic)	\$0.0000000
Pennsylvania – Verizon North (Former GTE)	\$0.0000000
South Carolina – AT&T (Former BellSouth)	\$0.0001680
South Carolina – CenturyLink (Former Bell South operating companies)	\$0.000168
South Carolina – Frontier (Verizon)	\$0.0000000
Tennessee – AT&T (Former BellSouth)	\$0.0001680
Tennessee – CenturyLink	\$0.000168
Tennessee – Frontier (Former Citizens)	\$0.00100000
Texas – AT&T (Former Southwestern Bell)	\$0.000053
Texas – CenturyLink	\$0.000053
Texas – Verizon (Former GTE)	\$0.000000
Utah – Frontier	\$0.00100000
Utah – Quest dba CenturyLink	\$0.000240
Virginia – CenturyLink (Former Embarq)	\$0.0000000
Virginia – Verizon (Former Bell Atlantic)	\$0.0000000
Virginia – Verizon (Former GTE)	\$0.0000000
Washington – CenturyLink (Former Quest)	\$0.000240
Washington – Verizon (Former Bell Atlantic)	\$0.0000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)

5.1 Switched Access Rates and Charges (Cont'd)

5.1.1 Switched Access Element Rates (Cont'd)

A. Tandem Switched Transport – Termination (Cont'd)

State/ILEC Areas

Terminating Rates

Wisconsin – AT&T (Former Ameritech)

Zone 1

\$0.000103

Zone 2

\$0.000103

Zone 3

\$0.000105

Zone 4

\$0.000107

Zone 5

\$0.000109

Wisconsin – CenturyLink (Ameritech Operating Companies)

\$0.000103

Wisconsin – Frontier (Former Citizens)

\$0.001000000

Wisconsin – Frontier (Former Verizon)

\$0.00241772

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile)

State/ILEC Areas	<u>Terminating Rates</u>
Alabama – CenturyLink (Former Quest)	\$0.000020
Arizona – CenturyLink (Former Quest)	\$0.000030
Arizona – Frontier (Former Citizens)	\$0.00005000
Arizona – Frontier Southwest	\$0.0000020
Arizona – Frontier (Former Verizon)	\$0.00001000
Arkansas – AT&T (Former Southwestern Bell)	\$0.000003
Arkansas – CenturyLink	\$0.000003
California – AT&T (Former Pacific Bell)	
Zone 1	\$0.000015
Zone 2	\$0.000025
Zone 3	\$0.000044
California - CenturyLink (Former Quest)	\$0.000015
California – Frontier (Former Citizens)	\$0.00005000
California – Frontier Southwest	\$0.0000020
California – Verizon (Former GTE)	\$0.0000020
Colorado – CenturyLink (Former Qwest)	\$0.000030
Connecticut – CenturyLink	\$0.000003
Connecticut – Frontier (Former AT&T & SNET)	\$0.0000030
Connecticut – Verizon	\$0.0000020
District of Columbia – CenturyLink	\$0.000002
District of Columbia - Verizon (Former Bell Atlantic)	\$0.0000020

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.1 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas	Terminating Rates
Florida – AT&T (Former BellSouth)	\$0.0000200
Florida - CenturyLink (Former Qwest)	\$0.0000020
Florida – Frontier (Former Verizon)	\$0.00001000
Florida – Verizon (Former GTE)	\$0.0000020
Georgia – AT&T (Former BellSouth)	\$0.0000200
Georgia - CenturyLink (Former Qwest)	\$0.0000020
Idaho - CenturyLink (Former Qwest)	\$0.000030
Idaho – Frontier (Former Citizens)	\$0.00005000
Illinois – AT&T (Former Ameritech)	
Zone 1	\$0.000013
Zone 2	\$0.000014
Zone 3	\$0.000014
Zone 4	\$0.000014
Zone 5	\$0.000014
Illinois – CenturyLink (Ameritech Operating Companies)	\$0.000013
Illinois – Frontier (Former Citizens)	\$0.00055600
Illinois – Frontier North	\$00000020
Illinois – Frontier (Former Verizon)	\$0.000000
Indiana - AT&T (Former Ameritech)	
Zone 1	\$0.000013
Zone 2	\$0.000014
Zone 3	\$0.000014
Zone 4	\$0.000014
Zone 5	\$0.000014
Indiana– CenturyLink (Ameritech Operating Companies)	\$0.000013
Indiana - Frontier	\$0.0000020

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.2 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas	<u>Terminating Rates</u>
Iowa - Frontier	\$0.000090
Kentucky – AT&T (Former BellSouth)	\$0.0000200
Kentucky - CenturyLink (Former Qwest)	\$0.0000020
Kentucky – Windstream (KY East - Lexington)	\$0.0000142
Louisiana – AT&T (Former BellSouth)	\$0.0000200
Louisiana - - CenturyLink (Former Qwest)	\$0.0000020
Maine – Fairpoint (Former Verizon)	\$0.000003
Maryland – CenturyLink	\$0.000002
Maryland - Verizon (Former Bell Atlantic)	\$0.000002
Massachusetts – CenturyLink	\$0.000002
Massachusetts - Verizon (Former Bell Atlantic)	\$0.000002
Michigan – AT&T (Former Ameritech)	\$0.0003710
Zone 1	\$0.000013
Zone 2	\$0.000014
Zone 3	\$0.000014
Zone 4	\$0.000014
Zone 5	\$0.000014
Michigan – CenturyLink (Ameritech Operating Companies)	\$0.000013
Michigan - Frontier (Former Verizon)	\$0.00001000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.2 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas	Terminating Rates
Minnesota - CenturyLink (Former Qwest)	\$0.0000030
Minnesota - CenturyLink (Former Embarq)	
Zone 1	\$0.0000200
Zone 2	\$0.0000210
Zone 3	\$0.0000230
Zone 4	\$0.0000250
Minnesota – Frontier	\$0.000090
Minnesota – Frontier (Former Citizens)	\$0.0005600
Minnesota - Frontier (Former Verizon)	\$0.000041
Mississippi – AT&T (Former BellSouth)	\$0.0000200
Mississippi – CenturyLink (Former Bell South operating companies)	\$0.000020
Missouri – AT&T (Former Southwestern Bell)	\$0.0000003
Missouri – CenturyLink	\$0.000003
Nevada – AT&T (Former Nevada Bell)	\$0.000019
Nevada – CenturyLink	\$0.000019
Nevada – Frontier Southwest	\$0.0000020
New Jersey – CenturyLink	\$0.000002
New Jersey – Verizon (Former Bell Atlantic)	\$0.000002
New Mexico – Quest dba CenturyLink	\$0.000030
New York – CenturyLink	\$0.000002
New York – Verizon	\$0.0000020
New York – Frontier (Former Citizens)	\$0.00005000
New York – Frontier (Former Verizon)	\$0.00001000
New York – Rochester	\$0.00004000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.2 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas	Terminating Rates
North Carolina – AT&T (Former BellSouth)	\$0.0000200
North Carolina – CenturyLink (Former Quest)	\$0.000020
North Carolina – Frontier (Former Verizon)	\$0.0000020
North Carolina – Verizon (Former GTE)	\$0.0000020
North Carolina – Windstream Telephone System	\$0.0000900
Ohio – AT&T (Former Ameritech)	\$0.0003710
Zone 1	\$0.000013
Zone 2	\$0.000014
Zone 3	\$0.000014
Zone 4	\$0.000014
Zone 5	\$0.000014
Ohio – CenturyLink (Ameritech Operating Companies)	\$0.000013
Ohio – Cincinnati Bell	\$0.00011700
Ohio – Frontier (Former Verizon)	\$0.00001000
Ohio – Frontier (Former Verizon)	\$0.00001000
Oklahoma – AT&T (Former Southwestern Bell)	\$0.0000003
Oklahoma – Windstream	\$0.000223
Oregon – CenturyLink	\$0.000030
Oregon – Frontier (Former Citizens)	\$0.00005000
Oregon – Frontier (Verizon)	\$0.0000020
Pennsylvania – CenturyLink (Former Embarq)	\$0.000002
Pennsylvania – Frontier Telephone Companies (Commonwealth)	\$0.0003220
Pennsylvania – Frontier (Former Citizens)	\$0.00005000
Pennsylvania – Frontier (Former Verizon)	\$0.00001000
Pennsylvania – Verizon (Former Bell Atlantic)	\$0.000002
Pennsylvania – Verizon North (Former GTE)	\$0.000002

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)5.1.2 Switched Access Element Rates (Cont'd)B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas	Terminating Rates
South Carolina – AT&T (Former BellSouth)	\$0.0000200
South Carolina – CenturyLink (Former Quest)	\$0.000020
South Carolina – Frontier (Former Verizon)	\$0.0000020
Tennessee – AT&T (Former BellSouth)	\$0.0000200
Tennessee – CenturyLink (Former Quest)	\$0.000020
Texas – AT&T (Former Southwestern Bell)	\$0.0000003
Texas – CenturyLink	\$0.000003
Texas– Verizon (Former GTE)	\$0.0000020
Utah – Frontier	\$0.00005000
Utah – Quest dba CenturyLink	\$0.000030
Virginia – CenturyLink (Former Embarq)	\$0.0000220
Virginia – Verizon (Former Bell Atlantic)	\$0.0000020
Virginia – Verizon (Former GTE)	\$0.0000020
Virginia – CenturyLink (Former Embarq)	
Zone 1	\$0.0000300
Zone 2	\$0.0000310
Zone 3	\$0.0000380
Washington – CenturyLink	\$0.000030
Washington – Verizon (Former Bell Atlantic)	\$0.000002
Washington – Frontier (Former Verizon)	\$0.0000020

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)

5.1 Switched Access Rates and Charges (Cont'd)

5.1.2 Switched Access Element Rates (Cont'd)

B. Tandem Switched Transport – Facility (per mile) (Cont'd)

State/ILEC Areas

Terminating Rates

Wisconsin – AT&T (Former Ameritech)

Zone 1

\$0.000013

Zone 2

\$0.000014

Zone 3

\$0.000014

Zone 4

\$0.000014

Zone 5

\$0.000014

Wisconsin – CenturyLink (Ameritech Operating Companies)

\$0.000013

Wisconsin – Frontier (Former Citizens)

\$0.00005000

Wisconsin - Frontier (Former Verizon)

\$0.00001000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing

State/ILEC Areas	Rate, per access minute
Alabama - AT&T (Former BellSouth) Areas	\$0.00038000
Alabama – CenturyLink (Former Quest)	\$0.000380
Alabama – Frontier (Former Verizon)	\$0.00000000
Arkansas - AT&T (Former Southwestern Bell) Areas	\$0.000047
Arkansas – CenturyLink	\$0.000047
Arizona - CenturyLink (Former Qwest)	\$0.000036
Arizona – Frontier (Former Citizens)	\$0.00000000
Arizona – Frontier Southwest	\$0.0000000
Arizona - Frontier	\$0.00000000
California – AT&T (Former Pacific Bell) Areas	\$0.00009800
California – AT&T (Former GTE) Areas	\$0.00000000
California - CenturyLink (Former Qwest)	\$0.000098
California – Frontier (Former Citizens)	\$0.00000000
California – Frontier Southwest	\$0.0000000
California – Frontier (Former Verizon)	\$0.00000000
California – Verizon (Former GTE)	\$0.000098
Colorado - CenturyLink (Former Qwest)	\$0.000036
Connecticut – CenturyLink	\$0.000082
Connecticut - Frontier (Former AT&T & SNET) Areas	\$0.000082
Connecticut – Verizon Areas	\$0.00000000
District of Columbia – CenturyLink	\$0.00000000
District of Columbia - Verizon (Former Bell Atlantic)	\$0.00000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing (Cont'd)

State/ILEC Areas	Rate, per access minute
Florida - AT&T (Former BellSouth)	\$0.00038000
Florida – CenturyLink (Former Quest)	\$0.000380
Florida – Frontier (Former Verizon)	\$0.0000000
Florida - Verizon (Former GTE)	\$0.00000000
Georgia - AT&T (Former BellSouth)	\$0.00038000
Georgia – CenturyLink (Former Quest)	\$0.000380
Idaho - CenturyLink (Former Qwest)	\$0.000036
Idaho – Frontier (Former Citizens)	\$0.00000000
Illinois – AT&T (Former Ameritech)	\$0.000371
Illinois – CenturyLink (Ameritech Operating Companies)	\$0.000015
Illinois – Frontier (Former Citizens)	\$0.0000000
Illinois – Frontier North	\$0.0000000
Illinois – Frontier (Former Verizon)	\$0.0000000
Indiana – AT&T (former Ameritech)	\$0.000371
Indiana – CenturyLink (Ameritech Operating Companies)	\$0.000015
Indiana – Frontier North	\$0.0000000
Indiana – Frontier (Former Verizon)	\$0.0000000
Iowa – Frontier	\$0.0000000
Iowa - CenturyLink (Former Qwest)	\$0.00003600
Kentucky - AT&T (Former BellSouth)	\$0.00038000
Kentucky - CenturyLink (Former Qwest)	\$0.0000380
Kentucky – Windstream Areas	\$0.0000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing (Cont'd)

State/ILEC Areas	Rate, per access minute
Louisiana - AT&T (Former BellSouth)	\$0.00038000
Louisiana - CenturyLink (Former Qwest)	\$0.000380
Maine – Fairpoint (Former Verizon)	\$0.00000000
Maryland – CenturyLink	\$0.00000000
Maryland - Verizon (Former Bell Atlantic)	\$0.00000000
Massachusetts – CenturyLink	\$0.00000000
Massachusetts - Verizon (Former Bell Atlantic)	\$0.00000000
Michigan – AT&T	\$0.00000000
Michigan – CenturyLink (Ameritech Operating Companies)	\$0.000015
Michigan – Frontier (Former Verizon)	\$0.00000000
Minnesota - CenturyLink (Former Qwest & Frontier)	\$0.000036
Minnesota - CenturyLink (Former Embarq)	
Zone 1	\$0.0002180
Zone 2	\$0.0002350
Zone 3	\$0.0002540
Zone 4	\$0.0002770
Minnesota – Frontier	\$0.00000000
Minnesota – Frontier (Citizens)	\$0.00000000
Mississippi - AT&T (Former BellSouth) Areas	\$0.00038000
Mississippi – CenturyLink	\$0.000380
Missouri - AT&T (Former Southwestern Bell)	\$0.000047
Missouri – CenturyLink	\$0.000047

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing (Cont'd)

State/ILEC Areas	Rate, per access minute
Nevada – AT&T (Former Nevada Bell)	\$0.000018
Nevada – Frontier	\$0.0000000
Nevada - CenturyLink (Former Embarq)	\$0.000103
Nevada – Frontier Southwest	\$0.0000000
New Mexico - CenturyLink (Former Qwest)	\$0.000036
New Jersey – CenturyLink	\$0.00000000
New Jersey - Verizon (Former Bell Atlantic)	\$0.0000000
New Mexico - CenturyLink (Former Qwest)	\$0.000036
New York – CenturyLink	\$0.0000000
New York – Verizon	\$0.0000000
New York – Frontier (Former Citizens)	\$0.00000000
New York – Rochester	\$0.00001000
North Carolina - AT&T (Former BellSouth)	\$0.0003800
North Carolina – CenturyLink (Former Quest)	\$0.000380
North Carolina - Frontier (Former Verizon)	\$0.000000
North Carolina – Verizon (Former GTE)	\$0.000000
North Carolina – Windstream	\$0.0000070
Oklahoma - AT&T (Former Southwestern Bell)	\$0.000047
Oklahoma - Windstream	\$0.000023
Ohio – AT&T (former Ameritech)	\$0.000371
Ohio – CenturyLink (Ameritech Operating Companies)	\$0.000015
Ohio – Cincinnati Bell	\$0.000240

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing (Cont'd)

State/ILEC Areas	Rate, per access minute
Oregon - CenturyLink	\$0.000036
Oregon – Frontier (Former Citizens)	\$0.00000000
Oregon – Frontier (Former Verizon)	\$0.00000000
Pennsylvania - CenturyLink (Former Embarq)	\$0.00000000
Pennsylvania - Frontier (Former Citizens)	\$0.00000000
Pennsylvania - Frontier (Former Verizon)	\$0.00000000
Pennsylvania - Frontier Telephone Companies (Citizens)	\$0.00005000
Pennsylvania - Verizon (Former Bell Atlantic)	\$0.00000000
Pennsylvania - Verizon North (Former GTE)	\$0.00000000
South Carolina - AT&T (Former BellSouth) Areas	\$0.00038000
South Carolina – CenturyLink (Former Quest)	\$0.000380
South Carolina – Frontier (Former Verizon)	\$0.00000000
Tennessee - AT&T (Former BellSouth) Areas	\$0.00038000
Tennessee – CenturyLink (Former Quest)	\$0.000380
Tennessee – Frontier (Former Verizon)	\$0.00000000
Texas – AT&T (Former Southwestern Bell)	\$0.000047
Texas – CenturyLink	\$0.000047
Texas – Verizon (Former GTE)	\$0.000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)C. Common Transport Multiplexing (Cont'd)

State/ILEC Areas	Rate, per access minute
Utah –Frontier	\$0.0000000
Utah – Qwest dba CenturyLink	\$0.000036
Virginia – CenturyLink	\$0.0000000
Virginia - Verizon (Former Bell Atlantic) Areas	\$0.0000000
Virginia - Verizon (Former GTE) Areas	\$0.0000000
Washington – Frontier	\$0.0000000
Washington – CenturyLink	\$0.000036
Washington – Verizon (Former Bell Atlantic)	\$0.0000000
Wisconsin – AT&T (former Ameritech)	\$0.000371
Wisconsin – CenturyLink (Ameritech Operating Companies)	\$0.000015
Wisconsin – Frontier (Former Citizens)	\$0.0000000
Wisconsin – Frontier (Former Verizon)	\$0.0000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. Local/End Office Switching – Bundled or Unbundled

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Alabama – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Alabama - CenturyLink (Former Qwest)	\$0.002126	\$0.001775
Alabama – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Arizona – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
Arizona - CenturyLink (Former Qwest)	\$0.001974	\$0.000807
Arizona – Frontier Southwest Unbundled Local Switching	\$0.0019019	\$0.0013000
Arizona– Frontier Southwest Bundled Local Switching	\$0.0019019	\$0.0013000
Arkansas – AT&T (Former Southwestern Bell) Unbundled Local Switching	\$0.002563	\$0.002299
Arkansas – AT&T (Former Southwestern Bell) Bundled Local Switching	\$0.002563	\$0.002299
Arkansas – CenturyLink	\$0.002563	\$0.002299
California – AT&T (Former Pacific Bell)	\$0.002620	\$0.002368
California – CenturyLink (Former Qwest)	\$0.002620	\$0.002368
California – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
California – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
California – Verizon	\$0.002620	\$0.000000
Colorado – CenturyLink (Former Qwest)	\$0.001974	\$0.000807
Connecticut – CenturyLink (Former Quest)	\$0.003133	\$0.001869
Connecticut – Frontier (Former AT&T & SNET)	\$0.003133	\$0.00186929
Connecticut – Verizon	\$0.0024060	\$0.000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
District of Columbia – CenturyLink	\$0.002406	\$0.001139
District of Columbia – Verizon (Former Bell Atlantic)	\$0.000002	\$0.000002
Florida – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Florida - CenturyLink (Former Qwest)	\$0.002126	\$0.001775
Florida – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Florida – Verizon (Former GTE)	\$0.0020995	\$0.000000
Georgia – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Georgia – CenturyLink	\$0.002126	\$0.001775
Idaho - CenturyLink (Former Quest)	\$0.001974	\$0.000807
Idaho – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
Idaho – Frontier (Former Verizon)	\$0.0013794	\$0.0022380
Idaho – Frontier	\$0.00260000	\$0.00199710
Illinois – AT&T (Former Ameritech) Unbundled Local Switching	\$0.003116	\$0.001827
Illinois – AT&T (Former Ameritech) Bundled Local Switching	\$0.003116	\$0.001827
Illinois – CenturyLink (Ameritech Operating Companies)	\$0.003116	\$0.001827
Illinois – Frontier North Unbundled Local Switching	\$0.0019653	\$0.00174004
Illinois – Frontier North Bundled Local Switching	\$0.0019653	\$0.00174004
Illinois – Frontier (Former Citizens)	\$0.00641000	\$0.00354035
Illinois – Frontier (Former Verizon)	\$0.00265114	\$0.00299356

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Indiana - AT&T (Former Ameritech) Unbundled Local Switching	\$0.003116	\$0.001827
Indiana - AT&T (Former Ameritech) Bundled Local Switching	\$0.003116	\$0.001827
Indiana – Frontier North Unbundled Local Switching	\$0.0020889	\$0.00179960
Indiana – Frontier North Bundled Local Switching	\$0.0020889	\$0.00179960
Indiana - Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Iowa – Frontier	\$0.00371401	\$0.00208766
Kentucky – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Kentucky – CenturyLink (Former Quest)	\$0.002126	\$0.001775
Kentucky – Windstream (KY East - Lexington)	\$0.0013823	\$0.0010310
Louisiana – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Louisiana – CenturyLink	\$0.002126	\$0.001775
Maine – Fairpoint (Former Verizon)	\$0.002264	\$0.000986
Maryland – CenturyLink	\$0.002406	\$0.001906
Maryland - Verizon (Former Bell Atlantic)	\$0.002406	\$0.000000
Massachusetts – CenturyLink	\$0.002406	\$0.001906
Massachusetts - Verizon (Former Bell Atlantic)	\$0.0024060	\$0.000000

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Michigan – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Michigan - AT&T (Former Ameritech) Unbundled Local Switching	\$0.003116	\$0.001827
Michigan - AT&T (Former Ameritech) Bundled Local Switching	\$0.003116	\$0.001827
Michigan – CenturyLink (Ameritech Operating Companies)	\$0.003116	\$0.001827
Minnesota – CenturyLink	\$0.001974	\$0.000807
Minnesota – Frontier	\$0.00371401	\$0.00208766
Minnesota – Frontier (Former Citizens)	\$0.00641000	\$0.00354035
Mississippi – AT&T (Former BellSouth)	\$0.0021260	\$0.002849
Mississippi – CenturyLink	\$0.002126	\$0.001775
Missouri – AT&T (Former Southwestern Bell) Unbundled Local Switching	\$0.002563	\$0.002299
Missouri – AT&T (Former Southwestern Bell) Bundled Local Switching	\$0.002563	\$0.002299
Missouri – CenturyLink	\$0.002563	\$0.002299
Nevada – AT&T (Former Nevada Bell)	\$0.001342	\$0.001538
Nevada – CenturyLink (Former Embarq)	\$0.004130	\$0.001751
New Jersey – CenturyLink	\$0.002406	\$0.001139
New Jersey – Verizon (Former Bell Atlantic)	\$0.002406	\$0.000000
New Mexico – Quest dba CenturyLink	\$0.00194	\$0.000807

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
New York – CenturyLink	\$0.002406	\$0.001906
New York – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
New York – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
New York – Rochester	\$0.00132821	\$0.00328682
New York – Verizon	\$0.0024060	\$0.0000000
North Carolina – AT&T (Former BellSouth)	\$0.002126	\$0.001775
North Carolina – CenturyLink (Former Quest)	\$0.002126	\$0.001775
North Carolina - Frontier North Unbundled Local Switching	\$0.0021745	\$0.00162478
North Carolina – Frontier North Bundled Local Switching	\$0.003116	\$0.001827
North Carolina – Frontier (Former Verizon)	\$0.00195480	\$0.0033799
North Carolina – Verizon (Former GTE) Unbundled Local Switching	\$0.0024060	\$0.0000000
North Carolina – Frontier North Bundled Local Switching	\$0.0024060	\$0.0000000
North Carolina – Windstream Telephone System	\$0.00220000	\$0.00166560
Ohio - AT&T (Former Ameritech) Unbundled Local Switching	\$0.003116	\$0.001827
Ohio - AT&T (Former Ameritech) Bundled Local Switching	\$0.003116	\$0.001827

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Ohio – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Ohio – CenturyLink (Ameritech Operating Companies)	\$0.003116	\$0.001827
Ohio – Cincinnati Bell	\$0.00386250	\$0.00243100
Oklahoma – AT&T (Former Southwestern Bell) Unbundled Local Switching	\$0.002563	\$0.002299
Oklahoma – AT&T (Former Southwestern Bell) Bundled Local Switching	\$0.002563	\$0.002299
Oklahoma – Windstream	\$0.0033000	\$0.0015187
Oregon – CenturyLink (Former Quest)	\$0.001974	\$0.000807
Oregon – Frontier (Former Verizon)	\$0.0022081	\$0.0034781
Pennsylvania – CenturyLink (Former Embarq)	\$0.002406	\$0.001139
Pennsylvania – Verizon (Former GTE) Unbundled Local Switching	\$0.0024060	\$0.0000000
Pennsylvania – Verizon (Former GTE) Bundled Local Switching	\$0.0024060	\$0.0000000
Pennsylvania – Verizon North (Former GTE)	\$0.0024060	\$0.0000000
Pennsylvania – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
Pennsylvania – Frontier (Former Verizon)	\$0.00265114	\$0.00299356
Pennsylvania – Frontier Telephone Companies (Citizens)	\$0.0026000	\$0.00329421
South Carolina – AT&T (Former BellSouth)	\$0.002126	\$0.001775
South Carolina – CenturyLink (Former Quest)	\$0.002126	\$0.001775
South Carolina – Frontier (Former Verizon)	\$0.0020150	\$0.0025218

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Tennessee – AT&T (Former BellSouth)	\$0.002126	\$0.001775
Tennessee – CenturyLink (Former Quest)	\$0.002126	\$0.001775
Texas – AT&T (Former Southwestern Bell) Unbundled Local Switching	\$0.002563	\$0.002299
Texas – AT&T (Former Southwestern Bell) Bundled Local Switching	\$0.002563	\$0.002299
Texas – CenturyLink	\$0.002563	\$0.002299
Texas – Verizon (Former GTE)	\$0.002563	\$0.002563
Texas – Verizon (Former GTE) Unbundled Local Switching	\$0.0024060	\$0.0000000
Texas – Verizon (Former GTE) Bundled Local Switching	\$0.0024060	\$0.0000000
Utah – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
Utah – Quest dba CenturyLink	\$0.00194	\$0.000807
Virginia – Verizon (Former Bell Atlantic)	\$0.0024060	\$0.0000000
Virginia – CenturyLink (Former Embarq)	\$0.002406	\$0.001139
Virginia – Verizon (Former GTE) Unbundled Local Switching	\$0.0024060	\$0.0000000
Virginia – Verizon (Former GTE) Bundled Local Switching	\$0.0024060	\$0.0000000
Washington - CenturyLink (Former Quest)	\$0.001974	\$0.000807
Washington – Frontier (Former Verizon)	\$0.0018654	\$0.0018654
Washington – Verizon (Former Bell Atlantic)	\$0.002406	\$0.000000

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)D. End Office Switching (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Wisconsin - AT&T (Former Ameritech) Unbundled Local Switching	\$0.003116	\$0.001827
Wisconsin - AT&T (Former Ameritech) Bundled Local Switching	\$0.003116	\$0.001827
Wisconsin – CenturyLink (Ameritech Operating Companies)	\$0.003116	\$0.001827
Wisconsin – Frontier (Former Citizens)	\$0.00260000	\$0.00199710
Wisconsin – Frontier (Former Verizon)	\$0.00265114	\$0.00299356

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)E. End Office Shared Port

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Alabama – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Alabama – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Arizona – CenturyLink (Former Quest)	\$0.000747	\$0.000306
Arizona – Frontier (Former Citizens)	\$0.00109690	\$0.00000000
Arizona – Frontier Southwest	\$0.0007207	\$0.000000
Arkansas – AT&T (Former Southwestern Bell)	\$0.000900	\$0.000000
Arkansas – CenturyLink	\$0.000900	\$0.000000
California – AT&T (Former Pacific Bell)	\$0.004696	\$0.000000
California – CenturyLink (Former Qwest)	\$0.004696	\$0.000000
California – Frontier (Former Citizens)	\$0.00109690	\$0.00000000
California – Frontier Southwest	\$0.0007207	\$0.000000
California – Frontier (Former Verizon)	\$0.0002000	\$0.000000
California – Verizon (Former GTE)	\$0.0002620	\$0.000000
Colorado – CenturyLink (Former Qwest)	\$0.000747	\$0.000306
Connecticut – CenturyLink	\$0.001400	\$0.000000
Connecticut – Frontier (Former AT&T & SNET)	\$0.001400	\$0.000000
Connecticut – Verizon	\$0.001688	\$0.000000
District of Columbia – CenturyLink	\$0.001688	\$0.000792
District of Columbia - Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
Florida – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Florida – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Florida – Frontier (Former Verizon)	\$0.0002000	\$0.000000
Florida – Verizon (Former GTE)	\$0.0016920	\$0.000000
Florida - CenturyLink (Former Quest)	\$0.000557	\$0.000557

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)E. End Office Shared Port (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Georgia – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Georgia – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Idaho – CenturyLink (Former Qwest)	\$0.000747	\$0.000306
Idaho – Frontier (Former Citizens)	\$0.00109690	\$0.00000000
Idaho – Frontier (Former Verizon)	\$0.0006407	\$0.000000
Illinois – AT&T	\$0.000371	\$0.000000
Illinois – CenturyLink (Ameritech Operating Companies)	\$0.000371	\$0.000000
Illinois – Frontier (Former Citizens)	\$0.00114300	\$0.00000000
Illinois – Frontier North	\$0.0008994	\$0.000000
Illinois – Frontier (Former Verizon)	\$0.0002000	\$0.000000
Indiana - AT&T	\$0.000371	\$0.000000
Indiana – CenturyLink (Ameritech Operating Companies)	\$0.000371	\$0.000000
Indiana – Frontier North	\$0.0008994	\$0.000000
Indiana - Frontier (Former Verizon)	\$0.0002000	\$0.000000
Iowa – Frontier	\$0.0002000	\$0.000000
Kentucky – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Kentucky – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Kentucky – Windstream (KY East - Lexington)	\$0.0007029	\$0.000524
Louisiana – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Louisiana – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Maine – Fairpoint (Former Verizon)	\$0.001595	\$0.000695

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)E. End Office Shared Port (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
Maryland – CenturyLink	\$0.001688	\$0.000792
Maryland - Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
Massachusetts – CenturyLink	\$0.001688	\$0.000000
Massachusetts - Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
Michigan – AT&T	\$0.000371	\$0.000000
Michigan – CenturyLink (Ameritech Operating Companies)	\$0.000371	\$0.000000
Michigan – Frontier (Former Verizon)	\$0.0002000	\$0.000000
Minnesota - CenturyLink (Former Qwest)	\$0.000747	\$0.000306
Minnesota – Frontier (Former Citizens)	\$0.00114300	\$0.0000000
Minnesota – Frontier	\$0.0002000	\$0.000000
Mississippi – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Missouri – AT&T (Former Southwestern Bell)	\$0.000900	\$0.000000
Missouri – CenturyLink	\$0.000900	\$0.000000
Nevada – AT&T (Former Nevada Bell)	\$0.001663	\$0.000000
Nevada – CenturyLink (Former Embarq)	\$0.000363	\$0.000154
Nevada – Frontier Southwest	\$0.0007207	\$0.000000
New Jersey – CenturyLink	\$0.001688	\$0.000792
New Jersey – Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
New Mexico – Quest dba CenturyLink	\$0.000747	\$0.000306

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)E. End Office Shared Port (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
New York – Frontier (Former Citizens)	\$0.00109690	\$0.0000000
New York – Frontier (Former Verizon)	\$0.0002000	\$0.0000000
New York – CenturyLink	\$0.001688	\$0.0000000
New York – Rochester	\$0.0007000	\$0.0000000
New York – Verizon	\$0.001688	\$0.0000000
North Carolina – AT&T (Former BellSouth)	\$0.000800	\$0.0000000
North Carolina – CenturyLink (Former Quest)	\$0.000800	\$0.0000000
North Carolina North	\$0.0007488	\$0.0000000
North Carolina – Frontier (Former Verizon)	\$0.000617	\$0.0000000
North Carolina – Verizon (Former GTE)	\$0.0016880	\$0.0000000
North Carolina – Windstream Telephone System	\$0.000804	\$0.0006044
Ohio – CenturyLink (Ameritech Operating Companies)	\$0.000371	\$0.0000000
Ohio – Cincinnati Bell	\$0.0009680	\$0.0009680
Ohio – Frontier (Former Verizon)	\$0.0015479	\$0.0000000
Oklahoma – AT&T (Former Southwestern Bell)	\$0.0009000	\$0.0000000
Oklahoma – Windstream	\$0.000545	\$0.0002508
Oregon – CenturyLink (Former Qwest)	\$0.000747	\$0.000306
Oregon – Frontier (Former Citizens)	\$0.00109690	\$0.0000000
Oregon – Frontier (Former Verizon)	\$0.0007144	\$0.0000000
Pennsylvania – CenturyLink	\$0.001688	\$0.000792
Pennsylvania – Frontier (Former Verizon)	\$0.0002000	\$0.0000000
Pennsylvania – Frontier Telephone Companies (Citizens)	\$0.00109690	\$0.0000000
Pennsylvania – Verizon North (Former GTE)	\$0.0016880	\$0.0000000
Rhode Island – Verizon	\$0.001688	\$0.0000000

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rates and Charges (Cont'd)E. End Office Shared Port (Cont'd)

State/ILEC Areas	<u>Originating Rates</u>	<u>Terminating Rates</u>
South Carolina – AT&T (Former BellSouth)	\$0.000800	\$0.000000
South Carolina – CenturyLink (Former Quest)	\$0.000800	\$0.000000
South Carolina – Frontier (Former Verizon)	\$0.0005352	\$0.000000
Tennessee – AT&T (Former BellSouth)	\$0.000800	\$0.000000
Tennessee – CenturyLink (Former Quest)	\$0.000800	\$0.000000
Tennessee – Frontier (Former Citizens)	\$0.00109690	\$0.0000000
Tennessee – Frontier (Former Verizon)	\$0.000557	\$0.000557
Texas – AT&T (Former Southwestern Bell)	\$0.000900	\$0.000000
Texas – CenturyLink	\$0.000900	\$0.000000
Texas – Verizon (Former GTE)	\$0.0016880	\$0.000000
Utah – Frontier (Former Citizens)	\$0.00109690	\$0.0000000
Utah – Quest dba CenturyLink	\$0.000747	\$0.000306
Virginia – Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
Virginia – Verizon (Former GTE)	\$0.0016880	\$0.000000
Virginia – CenturyLink (Former Embarq)	\$0.001688	\$0.000792
Washington – CenturyLink (Former Qwest)	\$0.000747	\$0.000306
Washington – Frontier (Former Verizon)	\$0.0003861	\$0.0002682
Washington – Verizon (Former Bell Atlantic)	\$0.001688	\$0.000000
Wisconsin – AT&T	\$0.000371	\$0.000000
Wisconsin – CenturyLink (Ameritech Operating Companies)	\$0.000371	\$0.000000
Wisconsin – Frontier (Former Citizens)	\$0.00109690	\$0.0000000
Wisconsin – Frontier (Former Verizon)	\$0.0002000	\$0.000000

Transmittal No. 1
 Filed: December 18, 2015
 Issued by:

John Marlow, CEO
 20 Davis Drive
 Belmont, CA 94002

Effective: January 2, 2016

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)5.1 Switched Access Rate and Charges (Cont'd)F. Toll-Free 8XX Data Base Access Service, per Query

Territory/State		
AT&T	IL, IN, MI, OH, WI	\$0.0023040
AT&T	AL, FL, GA, KY, LA, MS, NC, SC, TN	\$0.0042100
AT&T	CA	\$0.0047700
AT&T	NV	\$0.005177
AT&T	AR, KS, MO, OK, TX	\$0.002531
AT&T	CT	\$0.0033930
CenturyLink	AZ, CO, ID, MN, NM, OR, UT, WA	\$0.0040530
CenturyLink	AL, FL, GA, KY, LA, NC, SC, TN	\$0.0004210
CenturyLink	CT	\$0.0003393
CenturyLink	CA	\$0.0004777
CenturyLink	NV	\$0.012072
CenturyLink	AR, MO, TX	\$0.0002531
CenturyLink	MA, NY	\$0.0004356
CenturyLink	IL, IN, MI, OH, WI	\$0.0002304
CenturyLink	DE, DC, MD, NJ, PA, VA	\$0.0004356
Verizon	DC, MD, NJ, PA, VA	\$0.0043560
Verizon	CA	\$0.004777
Verizon	CT, MA, NY	\$0.0002531
Verizon	TX	\$0.002531
Fairpoint	ME	\$0.003702
Frontier	CA	\$0.0004777
Frontier	CT	\$0.0003393
Frontier	ID	\$0.0097337
Frontier	IL	\$0.00896603
Frontier	IA, MN	\$0.00317729
Frontier	IN	\$0.0087850
Frontier	MI	\$0.0090183
Frontier	NC	\$0.0061292

ACCESS SERVICES

SECTION 5 – RATES AND CHARGES (CONT'D)

5.1 Switched Access Rate and Charges (Cont'd)

F. Toll-Free 8XX Data Base Access Service, per Query (Cont'd)

Territory/State

Frontier	MA, NY	\$0.0004356
Frontier	OH	\$0.0085684
Frontier	OR, NV	\$0.00701349
Frontier	SC	\$0.0086768
Frontier	AZ, ID, NY, PA, TN, UT	\$0.01047977
Frontier	WA	\$0.0079984
Frontier	WI	\$0.00896603
Frontier	Rochester	\$0.0067454
Cincinnati Bell	OH	\$0.0023910
Verizon (Former Bell Atlantic)	PA, MD, NJ, VA, WA	\$0.004356
Verizon (Former GTE)	NC, PA, TX, VA	\$0.0043560

G. Switched Access Optional Features

Optional Features are provided on an Individual Case Basis as Special Service Arrangements.

H. Service Order Charges

Service Order Charges recover the administrative costs associated with initiating Access Service.

Per Service Order	ICB
-------------------	-----

ACCESS SERVICES

SECTION 6 - DEDICATED ACCESS SERVICE

6.1 General

6.1.1 The Company, at its discretion, may provide interstate Dedicated Access Services with transmission speeds ranging from 2.4 Kbps to 2.4 Gbps. Dedicated Access Services are offered on a point-to-point basis only. Each Dedicated Access Service is dedicated to a single Customer and the entire usable bandwidth for each service is available to that Customer for their exclusive use.

6.1.2 All Dedicated Access Services, if offered, will be provided on an Individual Case Basis.

ACCESS SERVICES

**SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES****7.1 General**

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours.

7.2 Additional Engineering

Additional Engineering will be provided by the Company at the request of the Customer only when:

- A Customer requests additional technical information.

The Company will notify the Customer that additional engineering charges, as set forth in Section 7 following, will apply before any additional engineering is undertaken.

7.3 Additional Labor

Additional labor is that labor requested by the Customer on a given service and agreed to by the Company as set for in 7.3.1 through 7.3.5 following. The Company will notify the Customer that additional labor charges as set forth in Section 8 following will apply before any additional labor is undertaken.

7.3.1 Overtime Installation

Overtime installation is that Company installation effort outside of normally scheduled working hours.

7.3.2 Overtime Repair

Overtime repair is that Company maintenance effort performed outside of normally scheduled working hours.

7.3.3 Stand by

Stand by includes all time in excess of one-half (1/2) hour during which Company personnel stand by to make cooperative tests with a Customer to verify facility repair on a given service.

ACCESS SERVICES

SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)

7.3 Additional Labor (Cont'd)

7.3.4 Testing and Maintenance with Other Companies

Additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies, which are in addition to normal effort required to test, maintain or repair facilities provided solely by the Company.

7.3.5 Other Labor

Other labor is that additional labor not included in 7.3.1 through 7.3.4 preceding and labor incurred to accommodate a specific Customer request that involves only labor which is not covered by any other section of this tariff.

ACCESS SERVICES

SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)

7.4 Billing Name and Address Service

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

BNA Service is provided for the sole purpose of permitting the customer to bill its telephone communications service to its end users and may not be resold or used for any other purpose, including marketing activity such as market surveys or direct marketing by mail or telephone.

The customer may not use BNA information to bill for merchandise, gift certificates, catalogs or other services or products.

BNA Service which allows customers to submit the end user's ten digit Automatic Number Identification (ANI) for returned end user BNA, is provided on a manual basis. The BNA information may be requested by a written request (i.e., U.S. mail). The Company, upon receipt of the customer's request, will process the ANI. If the BNA information is available within the Company's billing records, the Company will produce a report of associated BNA information.

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

7.4.1 Undertaking of the Company

The Company will respond within ten (10) business days of receipt of a customer's manual request for end user BNA information on over 100 and up to 500 telephone numbers.

- (A) Due to normal end user account activity, there may be instances where the BNA that was applicable at the time the message was originated.
- (B) The Company shall use reasonable efforts to provide accurate and complete BNA information. The company makes no warranties, expressed or implied, as to the accuracy or completeness of this BNA information. The BNA information will be provided for the calling number furnished to the extent a billing name and address exists in the Company's records, including non-published and non-listed numbers. If the billing name and address information for a specific calling number is confidential due to legal, national security, end user or regulatory imposed requirements, the Company will provide an indicator on the confidential records.

ACCESS SERVICES

**SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)****7.4 Billing Name and Address Service (Cont'd)****7.4.2 Obligations of the Customer**

- (A) With each order for BNA Service, the customer shall identify the authorized individual and address to receive the BNA information.
- (B) The customer shall institute adequate internal procedures to insure that BNA information, including that related to “confidential” non-published and non-listed telephone numbers is used only for the purpose set forth in this tariff and that BNA information is available only to those customer personnel or agents with a need to know the information. The customer must handle all billing name and address information designated as confidential by the Company in accordance with company’s procedures concerning confidential information. The Company will provide to the customer a statement of its procedures concerning confidential information.
- (C) The customer shall not publicize or represent to others that the Company jointly participates with the customer in the development of the customer’s end user records, accounts, data bases or market data, records, files and data bases or other systems it assembles through the use of BNA service.
- (D) When the customer orders BNA Service for both interstate and intrastate messages, the Jurisdictional Reporting Requirements listed in Section 2 will be applicable.

The Company shall use reasonable efforts to provide accurate and complete lists. The Company makes no warranties, expressed or implied, as to the accuracy or completeness of these lists.

ACCESS SERVICES

SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)

7.4 Billing Name and Address Service (Cont'd)

7.4.3 Regulations

This section contains the specific regulations governing the rates and charges that apply for BNA Service. Specific rates and charges are set forth in Section 8. The Service Establishment Charge and Record Transmission Charge apply to BNA Service. The Record Transmission Charge is a usage rate which applies on a per message (ANI) basis. The Record Transmission Charges are accumulated over a monthly period. The Company will keep a count of the records (ANI's) transmitted and report pages processed. The Company will bill the customer in accordance with these counts whether or not the Company was able to provide BNA information for all BNA records. For billing purposes, each month is considered to have 30 days. When a customer cancels an order for BNA Service after the order date, the Service Establishment Charge (if applicable) and the Record Transmission Charge will apply.

(A) Service Establishment Charge

The BNA Service Establishment Charge applies for the initial establishment of BNA Service on either a manual or mechanized basis.

(B) Record Transmission Charge

The BNA Record Transmission Charge is a usage rate which applies on a per ten-digit ANI (message) basis. Each message is subject to the BNA Record Transmission Charge, regardless of whether the requested telephone number is available. The Record Transmission Charge is applied on either a manual or mechanized basis.

7.4.4 Rates and Charges

	BNA Request Manual	BNA Request Mechanized
Billing Name and Address for ANI		
Per Order	\$50.00	ICB
Per Record	\$.30	ICB

ACCESS SERVICES

SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)7.5 8YY Data Base Access Service

800 Service is a generic term for access services associated with toll free numbers. 800 Service, which is available to all customers, is an originating offering which provides a carrier identification function for numbers using toll free service access codes (SACs) (e.g., 800 or 888- NXX-XXXX). The carrier identification function is performed using queries which are routed using the Company network to a Service Control Point (SCP). Any dial around compensation relating to pay telephones will be billed in accordance to procedures and rates proscribed by the Federal Communications Commission. The Company reserves the right to bill the users of its toll free service for any dial around compensation costs the Company may incur. In the event where no carrier identification code is available with the call information, the service provider of the POTS routable number will be invoiced for any service provided by the Company.

7.5.1 Customer Identification Charge

The 800 Data Base Access Service Customer Identification applies for the identification of the appropriate Customer. The charge is assessed to the Customer per query.

ACCESS SERVICES

SECTION 7 – ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES (CONT'D)

7.6 Universal Service Fund (USF) Contribution Charge

The Customer will be assessed a monthly federal Universal Service Fund (USF) Contribution charge on all interstate and international telecommunications services to cover the Company’s costs of supporting universal service under the Telecommunications Act of 1996.

Services provided pursuant to this tariff are subject to a monthly Universal Service Fund Contribution charge, which will not exceed the rate set by the FCC each quarter for the Customer’s total net interstate and international charges. This charge applies on a monthly basis. This charge is neither contributory to nor eligible to receive discounts, nor is it eligible to contribute to meeting minimum monthly usage requirements. The application of this charge is subject to billing availability.

This charge does not apply to services provided to telecommunications carriers if such carriers purchase services for resale to end users and provide the Company with a Certificate of Universal Service Exemption. At its sole discretion, the Company may require the telecommunications carrier to provide additional documentation regarding the telecommunications carrier’s satisfaction of its Universal Service Fund reporting and contribution obligations with respect to the resold services of the Company.

The applicable USF percentage rate is determined by the FCC and may vary by calendar quarter. For the most current rate in effect please refer to:

<http://www.fcc.gov/encyclopedia/contribution-factor-quarterly-filings-universal-service-fund-usf-management-support>

7.7 Access Recovery Charge

A monthly Access Recovery Charge is assessed in order to facilitate access recovery partly as a result of both state and federal decisions and policies. The fee is applied as indicated below:

	Monthly Recurring Charge
	Per line
Per Line	\$1.00

7.8 USAC Admin Fee

The Company will assess a USAC Admin Fee to offset costs associated with the provision, reporting, collection and remittance of federal universal service. The fee is calculated at 4.61% of total billed interstate and international services on a pre-tax basis.