KENTUCKY TELECOMMUNICATIONS TARIFF

OF

Granite Telecommunications, LLC

234 Copeland Street
Quincy, Massachusetts 02169

LOCAL ACCESS TELECOMMUNICATIONS SERVICES

This tariff contains the descriptions, regulations, and rates applicable to the furnishing of access services for connection to intrastate communications facilities within the operating territory of Granite Telecommunications, LLC ("Company") within the State of Kentucky. This tariff is on file with the Public Service Commission of Kentucky ("Commission"). Copies may be inspected during normal business hours at Company's principal place of business, 234 Copeland Street, Quincy, Massachusetts 02169.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY [illegible]
EXECUTIVE DIRECTOR

Issued: September 10, 2002 Effective: October 11, 2002

Issued By: Robert T. Hale, Jr.
Granite Telecommunications, LLC
234 Copeland Street
Quincy, Massachusetts 02169

CHECK SHEET

The sheets of this tariff are effective as of the date shown. The original and revised sheets named below contain all changes from the original tariff and are in effect on the date shown. An asterisk appearing next to the sheet version below indicates sheets included with the filing made on the issue date appearing at the bottom of this sheet.

Sheet	Revision	Sheet	Revision	Sheet	Revision	Sheet	Revision
1	Original	29	Original	57	Original	85	Original
2	Fourth*	30	Original	58	Original	86	Second*
3	First	31	Original	59	Original	87	Second*
4	First	32	Original	60	Original	88	First
5	Original	33	Original	61	Original	89	First
6	Original	34	Original	62	Original	90	Third
7	Original	35	Original	63	Original	91	Original
8	Original	36	Original	64	Original	92	Original
9	Original	37	Original	65	Original	93	First
10	Original	38	Original	66	Original		
11	Original	39	Original	67	Original		
12	Original	40	Original	68	Original		
13	Original	41	Original	69	Original		
14	Original	42	Original	70	Original		
15	Original	43	Original	71	Original		
16	Original	44	Original	72	Original		
17	Original	45	Original	73	Original		
18	Original	46	Original	74	Original		
19	Original	47	Original	75	Original		
20	Original	48	Original	76	Original		
21	Original	49	Original	77	Original		
22	Original	50	Original	78	Original		
23	Original	51	Original	79	Original		
24	Original	52	Original	80	Original		
25	Original	53	Original	81	Original		
26	Original	54	Original	82	Original		
27	Original	55	Original	83	Original		
28	Original	56	Original	84	Original		

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Issued By:

Robert T. Hale, Jr.
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TABLE OF CONTENTS

Sheet

CHECK SHEET 2

TABLE OF CONTENTS 3

EXPLANATION OF SYMBOLS, REFERENCE MARKS, AND ABBREVIATIONS OF TECHNICAL TERMS USED IN THIS TARIFF 5

DEFINITIONS 6

APPLICATION OF TARIFF 11

REGULATIONS

2.1 Undertaking of the Company 12
2.2 Prohibited Uses 20
2.3 Obligations of the Customer 21
2.4 Customer Equipment and Channels 28
2.5 Customer Deposits and Advance Payments 29
2.6 Payment Arrangements 30
2.7 Allowances for Interruptions in Service 44
2.8 Cancellation of Service/Termination Liability 48
2.9 Customer Liability for Unauthorized Use of the Network 49
2.10 Application of Rates 52

SERVICE DESCRIPTIONS

3.1 Access Services 56
3.2 Miscellaneous Service 84
3.3 Voice over Internet Protocol – Public Switched Telephone Network ("VoIP - PSTN") Traffic ..... 86 (N) (N)

KENTUCKY
PUBLIC SERVICE COMMISSION
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EFFECTIVE
8/2/2012
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

TABLE OF CONTENTS (cont'd)

Sheet

4.1 [Reserved for Future Use] (T)(D
(D)

RATES
5.1 Access Rates 90
5.2 Miscellaneous Services 92
5.3 [Reserved for Future Use] (D)
5.4 Primary Interexchange Carrier Charge 93
(D)

KENTUCKY
PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN
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TARIFF BRANCH
Ef Bunt Kirtley 2, 2012
EFFECTIVE
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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

EXPLANATION OF SYMBOLS, REFERENCE MARKS. AND ABBREVIATIONS OF TECHNICAL TERMS USED IN THIS TARIFF

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

(C) To signify **changed** condition or regulation.

(D) To signify **deleted or discontinued** rate, regulation or condition.

(I) To signify a change resulting in an **increase** to a Customer's bill.

(M) To signify that material has been **moved from** another tariff location.

(N) To signify a **new** rate, regulation condition.

(R) To signify a change resulting in a **reduction** to a Customer's bill.

(T) To signify a change in **text** but no change to rate or charge.

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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY Thomas M. Dorman
EXECUTIVE DIRECTOR

DEFINITIONS

Certain terms used generally throughout this tariff are described below.

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

Access Services
The Company's intrastate telephone services offered pursuant to this tariff.

Busy Hour Minutes of Capacity (BHMC)
The term "Busy Hour Minutes of Capacity (BHMC)" denotes the Customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the Customer expects to be handled in an end office switch during any hour in an 8:00 a.m. to 11:00 p.m. period for the Feature Group and/or Directory Assistance Service ordered. This Customer specified BHMC quantity is the input data the Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

Carrier or Common Carrier
See Interexchange Carrier.

Commission
The Public Service Commission of Kentucky

Common Channel Signaling
The term "Common Channel Signaling" (CCS) denotes a high speed packet switched communications network that is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

Company or Granite Telecommunications, LLC
Granite Telecommunications, LLC, the issuer of this tariff, and its concurring subsidiaries.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY

DEFINITIONS (cont'd)

Company Calling Card

A telephone calling card issued by the Company at the Customer's request, which enables the Customer or User(s) authorized by the Customer to place calls over the Network and to have the charges for such calls billed to the Customer's account.

Credit Card

A Credit Card is an accepted credit card, which is defined as a credit card that the cardholder has requested or applied for and received, or has signed, used or authorized another person to use to obtain credit. Any credit card issued as a renewal or substitute in accordance with this paragraph is an accepted credit card when received by the cardholder.

Customer

The person, firm or corporation that directly or indirectly orders access service and is responsible for the payment of charges and compliance with the Company's regulations. A person, firm or corporation is deemed a Customer of the Company if any of its traffic is terminated to a central office code (NPA-NXX) assigned to the Company or if End Users originate traffic on the Company's network that is routed to the person's, firm's or corporation's network. Should a Customer use the Company's access service, regardless of whether the Customer has affirmatively requested service or has an executed service order, the Customer will be subject to the obligations, rates, and charges as set forth in this Tariff.

End Office

With respect to each NPA-NXX code prefix assigned to the Company, the location of the Company's "end office" for purposes of this tariff shall be the point of interconnection associated with that NPA-NXX code in the Local Exchange Routing Guide, issued by Bellcore.

End User or User

Any person or entity that obtains the Company's services provided under this Tariff, regardless of whether such person or entity is so authorized by the Customer.

PUBLIC SERVICE COMMISSION
EFFECTIVE
OCT 11 2002
PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

DEFINITIONS (cont'd)

Exchange Telephone Company

Denotes any individual, partnership, association, joint-stock company, trust, or corporation engaged in providing switched communication within an exchange.

Interexchange Carrier (IXC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IXC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate, interstate or foreign communication by wire or radio, between two or more exchanges.

Interstate Access Service

Provides for a two-point communications path between a Customer's premises or a collocated interconnection location and an end user's premises for originating and terminating calls between states.

Intrastate Access Service

Provides for a two-point communications path between a Customer's premises or a collocated interconnection location and an end user's premises for originating and terminating calls within the state.

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.

Network

Refers to the Company's facilities, equipment, and services provided under this Tariff.

Recurring Charge

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

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OF KENTUCKY
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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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Quincy, Massachusetts 02169

DEFINITIONS (cont'd)

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. If the Company does not have an executed Service Order from a Customer, the Service Commencement Date will be the first date on which the service or facility was used by a Customer.

Service Order

The written request for access services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date.

Service Switching Point (SSP)

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Serving Wire Center

The term "Serving Wire Center" denotes the wire center from which the Customer designated premises would normally obtain dial tone.

Shared

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

Signaling Point (SP)

The term "Signaling Point" (SP) denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

DEFINITIONS (cont'd)

Signaling Point of Interface (SPOI)

The term "Signaling Point of Interface" (SPOI) denotes the Customer designated location where the SS7 signaling information is exchanged between the Telephone Company and the Customer.

Signaling System 7 (SS7)

The term "Signaling System 7" (SS7) denotes the layered protocol used for standardized common channel signaling in the United States and Puerto Rico.

Signal Transfer Point (STP)

The term "Signal Transfer Point" (STP) denotes a packet switch which provides access to the Telephone Company's SS7 network and performs SS7 message signal routing and screening.

Signal Transfer Point (STP) Port

The term "Signal Transfer Point (STP) Port" denotes the point of termination and interconnection to the STP.

Toll Free

A term to describe an inbound communications service which permits a call to be completed at a location without charge to the calling party. Access to the service is gained by dialing a ten (10) digit telephone number (e.g. NPA is 800, 888, etc.).

Universal Emergency Telephone Number (911) Service

Wherever feasible, the Company will provide a universal Central Office number "911" for the use of Public Safety Agencies having the responsibility to protect the safety and property of the general public. It is intended that use of 911 Service will provide the public with a means of simple and direct telephone access to a Public Safety Answering Point.

Wire Center

A building in which one or more central offices, used for the provision of Exchange Services, are located.

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KENTUCKY
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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY EXECUTIVE DIRECTOR

APPLICATION

This tariff applies to intrastate access service supplied to Customers for origination and termination of traffic to and from Central Office codes directly assigned to Granite Telecommunications, LLC

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 intrastate communications.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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 provision of this tariff, the prevailing party shall be able to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may award.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY _____
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.3 Terms and Conditions (cont'd)

D) This tariff shall be interpreted and governed by the laws of the Federal Communications Commission regardless of its choice of laws provision.

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 2.7.

B) Except for the extension of allowances to the Customer for interruptions in service as set forth in Section 2.7, 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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 or facilities provided by the Customer or third parties; and any law, order, regulation or other action of any governing authority or agency thereof;

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;

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OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

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EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.4 Limitations on Liability (cont'd)

D) (cont'd)

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 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;

7) Defacement of or damage to Customer premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof;

8) 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;

9) 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;

PUBLIC SERVICE COMMISSION
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY: EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.4 Limitations on Liability (cont'd)

D) (cont'd)

10) Any representations made by Company employees that do not comport, or that are inconsistent, with the provisions of this Tariff;

11) Any noncompletion of calls due to network busy conditions;

12) Any calls not actually attempted to be completed during any period that service is unavailable.

E) The Company shall be indemnified, defended and held harmless by the Customer or end user 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.4 Limitations on Liability (cont'd)

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 nonpreemptibility 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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.

J) The Company will operate as specified in these and other applicable tariffs. Due to the interdependence among telecommunications companies, and the interrelationship with non-Company processes, equipment, and systems, the Company is not responsible for failures caused by circumstances beyond its control including, but not limited to, failures caused by:

1. a local exchange carrier;

2. customer premise equipment; or

3. the user or Customer.

In addition, the Company is not liable for any incompatibility between the Company's Services and any non-Company services used by the Customer or user.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
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OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.5 Provision of Equipment and Facilities

A) Except as otherwise indicated, customer-provided station equipment at the Customer's premises for use in conjunction with this service shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Company.

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

1) the through transmission of signals generated by Customer-provided equipment or for the quality of, or defects in, such transmission; or

2) the reception of signals by Customer-provided equipment; or

3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.6 Ownership of Facilities

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

2.2 Prohibited Uses

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, joint user, or authorized user may not assign, or transfer in any manner, the service or any rights associated with the service without the written consent of the Company. The Company will permit a Customer to transfer its existing service to another entity if the existing Customer has paid all charges owed to the Company for regulated access services. Such a transfer will be treated as a disconnection of existing service and installation of new service, and non-recurring installation charges as stated in this tariff will apply.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.3 Obligations of the Customer

2.3.1 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.

2.3.2 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.

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OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY _____
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.2 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY _____
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.3 Jurisdictional Report Requirements

A) For Feature Group D Switched Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected intrastate percentage as follows. For originating access minutes, the projected intrastate percentage will be developed on a monthly basis by end office trunk group when the Feature Group D Switched Access Service access minutes are measured by dividing the measured intrastate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction. For terminating access minutes, 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 intrastate percentage of the Feature Group D terminating access minutes for each account to which the Customer may terminate traffic.

Should the Customer not supply a terminating PIU Factor, the data used by the Company to develop the projected intrastate percentage for originating access minutes will be used to develop projected intrastate percentage for such terminating access minutes. When a Customer orders Feature Group D Switched Access Service, the Customer shall supply a projected intrastate percentage of use for each end office trunk group involved to be used in the event that originating call details are insufficient to determine the jurisdiction for the call. This percentage shall be used by the Company as the projected intrastate percentage for such call detail. For purposes of developing the projected intrastate percentage, the Customer shall utilize the same considerations as those set forth in Section 2.3.3(B) following.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

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Quincy, Massachusetts 02169

REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.3 Jurisdictional Report Requirements (cont'd)

A) (cont'd)

The Company will designate the number obtained by subtracting the projected intrastate percentage for originating and terminating access minutes from 100 (100 - projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

If the Customer has no originating traffic within the end office for which sufficient call detail exists to develop a PIU factor, and the Customer has not supplied a PIU factor on either the quarterly update report or the Access Service Request, the Company will designate a PIU factor of 75% for Feature Group D terminating access minutes. For originating Toll Free access minutes, where the call detail is insufficient to determine the jurisdiction of the call, the Customer shall provide the Company with a projected PIU factor. If such a PIU has not been provided for Toll Free access minutes, the Company will designate the default PIU factor of 75%. This factor will be applied to the next billing cycle and continue until the Customer provides a PIU factor. When the Customer does provide the PIU factor, the Company will update the customer's PIU factors within fifteen (15) business days.

B) For purposes of developing the projected intrastate percentage, the Customer shall consider every call that enters the Customer's network at a point within the same state as the state where the called station is located to be intrastate and every call that enters the Customer's network at a point in a state different from the state in which the called station is located to be intrastate.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY _____
EXECUTIVE DIRECTOR

Robert T. Hale, Jr.
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REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.3 Jurisdictional Report Requirements (cont'd)

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

D) The projected intrastate percentage of use will be used to determine the charges as follows:

The number of access minutes for a trunk group will be multiplied by the projected intrastate percentage of use to determine the intrastate access minutes (i.e., number of access minutes x projected intrastate percentage of use = intrastate access minutes). The number of intrastate access minutes so determined will be subtracted from the total number of access minutes (i.e., number of access minutes - intrastate access minutes = intrastate access minutes). The intrastate access minutes for the group will be billed as set forth in Section 5 following.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY _____
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.3 Jurisdictional Report Requirements (cont'd)

E) Effective on the first of January, April, July and October of each year, the Customer may update the jurisdictional reports that require a projected intrastate 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 intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate and intrastate use. Except as set forth in Section 2.3.3(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 2.3.3(A) preceding.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

Robert T. Hale, Jr.
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REGULATIONS (cont'd)

2.3 Obligations of the Customer (cont'd)

2.3.3 Jurisdictional Report Requirements (cont'd)

F) The Customer reported projected intrastate percentage of use as set forth in Section 2. 3. 3(A) preceding will be used for the apportionment of any monthly rates or nonrecurring charges associated with Feature Groups B or D Switched Access Service until the end of the quarter during which the service was activated. Thereafter, a projected intrastate percentage for such apportionment will be developed quarterly by the Company based on the data used to develop the projected intrastate percentage of use as set forth in Section 2.3.3(A) preceding. Where call detail is insufficient to make such a determination, the Customer will be requested to project a intrastate percentage of use to be used by the Company for such apportionment.

G) The Customer shall keep sufficient detail from which the percentage of intrastate 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.

H) The Customer may provide an additional percentage of intrastate use for Entrance Facility and Direct Trunked Transport subject to the reporting requirements previously listed in this section. The percentage of intrastate use may be provided per individual facility or at the billing account level. Should the Customer not provide a percentage of intrastate use, the Company will use the reported Feature Group B or Feature Group D aggregated percentage of intrastate use.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY _____
EXECUTIVE DIRECTOR

Robert T. Hale, Jr.
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REGULATIONS (cont'd)

2.4 Customer Equipment and Channels

2.4.1 Interconnection of Facilities

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

2.4.2 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 in respect to the installation, operation and maintenance of Customer-provided equipment and in the wiring of the connection of Customer channels to Company-owned facilities.

B) If the protective requirements in 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 Customer with a statement of technical parameters that the Customer's equipment must meet.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

Robert T. Hale, Jr.
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Quincy, Massachusetts 02169

REGULATIONS (cont'd)

2.5 Customer Deposits and Advance Payments

2.5.1 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.

2.5.2 Deposits

A) To safeguard its interests, 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) three months' 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.5 Customer Deposits and Advance Payments (cont'd)

2.5.2 Deposits (cont'd)

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.

D) Deposits held will accrue interest at a rate specified by the Company without deductions for any taxes on such deposits. Interest will not accrue on any deposit after the date on which reasonable effort has been made to return it to the Customer.

2.6 Payment Arrangements

2.6.1 Payment for Service

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

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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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 rata basis. For this purpose, every month is considered to have 30 days.

C) Billing of the Customer by the Company will begin on the Service Commencement Date, which is the day on which the Company notifies the Customer that the service or facility is available for use, except that the Service Commencement Date may be postponed by mutual agreement of the parties, or if the service or facility does not conform to standards set forth in this tariff or the Service Order. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

2.6.2 Billing and Collection of Charges (cont'd)

E) 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.

F) 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.

G) If service is disconnected by the Company in accordance with Section 2.6.4 following and later reinstalled, service will be subject to all applicable installation charges. If service is suspended by the Company and later restored, service will be subject to all applicable restoration charges.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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.

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 3.6.2(E), 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

2.6.3 Billing Disputes (cont'd)

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.

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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY

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REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

2.6.3 Billing Disputes (cont'd)

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 per the Company's normal course of business) to take the following course of action: The Customer may request and the Company will provide an in-depth review of the disputed amount.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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REGULATIONS (cont'd)

2.6 Payment Arrangements (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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE
OCT 11 2002
PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (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).

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 as set forth in Section 2.6.6 (A) following.

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

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

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

A) For Feature Group D Switched Access Service, when service is jointly provided by more than one Exchange Telephone Company, the Customer must supply a copy of the order to each Exchange Telephone Company involved in providing the service.

Each Exchange Telephone Company will provide the portion of Local Transport to an interconnection point (IP) with another Exchange Telephone Company, and will bill the charges in accordance with its Access Service tariff for either Single Bill/Multiple Tariff arrangements or Multiple Bill/Multiple Tariff arrangements. For Single Bill/Single Tariff arrangements the Company will either bill the charges in accordance with its Access Service Tariff or agree to bill the Access Service charges of the interconnecting Exchange Telephone Company. The rate for the Transport elements will be determined as set forth in (B) following. All other appropriate charges in each Exchange Telephone Company tariff are applicable.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

B) The charge for the Local Transport Facility and Termination rate elements for services provided as set forth in Section 2.6.6(A) preceding, are determined as follows:

1) Determine the appropriate Switched Access Local Transport mileage by computing the airline mileage between the two ends of the Local Transport Facility, as defined in 3.1.2(B) following. Determine the airline mileage for the Local Transport Facility charge using the V&H method as set forth in Section 2.10.2 following.

2) For Feature D Switched Access Service, the Local Transport Facility and Termination charges are determined by using the steps set forth in (a) through (c) following for the total Local Transport-Common Switched Transport charges.

(a) Multiply:

The number of access minutes
by

the number of airline miles as determined in (1) preceding
by

the Company's appropriate Local Transport Facility per mile per access minute rate
by

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

B) (cont'd)

2) (cont'd)

(a) (con'td)

The Company's billing percentage factor.

(b) Multiply:

The number of access minutes
by

the Company's appropriate Local Transport Termination per minute rate. The resulting amount is the Company's total Local Transport Termination charge.

(c) Add:

The products of (a) and (b) for the Company's total Local Transport-Common Switched Transport charges.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY [signature]
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

C) The charge for the Direct Trunked Transport-Facility Mileage rate element for services provided as set forth in Section 2.6.6(A) preceding is determined as follows:

1) Determine the appropriate Switched Access Direct Trunked Transport-Facility mileage by computing the airline mileage between the two ends of the Direct Trunked Transport Facility. Determine the airline mileage for the Direct Trunked Transport-Facility charge using the V&H method as set forth in Section 2.10.2 following.

2) For Feature Group D Switched Access Service, the Direct Trunked Transport-Facility Mileage charge is determined by using the procedure set forth below:

Multiply:

The number of access minutes
by

The number of airline miles as determined in (1) preceding
by

The Company's appropriate Direct Trunked Transport-Facility per mile per access minute rate
by

The Company's billing percentage factor.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

D) For Feature Group D.

1) For originating or terminating access traffic at a company operated end office, the Residual Interconnection Charge is calculated by multiplying that rate times the number of originating and terminating access minutes that are switched at the end office.

2) For Entrance Facility equipment operated by the Company, the Entrance Facility and/or Multiplexing charge will apply.

3) The Billing Percentage (BP) is not applicable to the Residual Interconnection charge, Entrance Facility or Multiplexer.

E) The interconnection points will be determined by the Interconnection Agreements of the Exchange Telephone Companies 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 F.C.C. NO. 4, except as noted in 2.6.6(F) below.

F) Until the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 is revised to include the following meet points, the applicable billing percentage factors for Feature Group D Switched Access Service traffic between certain Company end offices and incumbent local exchange carrier, end offices are as set forth in applicable agreements for switched access meet-point billing.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

Issued By: Robert T. Hale, Jr.
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REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

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

G) Should any changes be made to the meet point billing arrangements as set forth in Section 2.6.6(A) preceding, the Company will give affected Customers 30 days' notice.

H) Should the Company act as an intermediate, non-terminating local exchange carrier, Local Transport Termination rates, as determined in Section 2.6.6(B) preceding, will not be applied to the meet Point billing arrangement.

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 3.1.1(C) following, Access Order Modifications.

2.6.8 Customer Overpayment

The Company will pay interest on a Customer overpayment. Customer overpayment shall mean a payment to the Company in excess of the correct charges for service when caused by erroneous billing by the Company. The rate of interest shall be the unadjusted interest rate paid on Customer deposits or the late payment penalty rate, whichever is greater. Interest shall be paid from the date when the Customer overpayment was made, adjusted for any changes in the deposit interest rate or late payment penalty rate, and compounded monthly, until the date when the overpayment is refunded. No interest shall be paid on

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE
OCT 11 2002
PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.6 Payment Arrangements (cont'd)

2.6.8 Customer Overpayment (cont'd)

Customer overpayments that are refunded within thirty (30) days after such overpayment is received by the Company.

2.7 Allowances for Interruptions in Service

2.7.1 General

A) A credit allowance will be given when service is interrupted, except as specified in Section 2.7.2 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.7 Allowances for Interruptions in Service (cont'd)

2.7.2 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
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REGULATIONS (cont'd)

2.7 Allowances for Interruptions in Service (cont'd)

2.7.3 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.

2.7.4 Application of Credits for Interruptions in Service

A) Credits for interruptions in service that is 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.7 Allowances for Interruptions in Service (cont'd)

2.7.4 Application of Credits for Interruptions in Service (cont'd)

D) Interruptions of 24 Hours or Less

Length of Interruption	Interruption Period To Be Credited
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 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY [signature]
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REGULATIONS (cont'd)

2.7 Allowances for Interruptions in Service (cont'd)

2.7.4 Application of Credits for Interruptions in Service (cont'd)

F) Interruptions Over 72 Hours. Interruptions over 72 hours will be credited 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.

2.7.5 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.

2.8 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 2.7.1), 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.

2.8.1 Termination Liability

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

1) all unpaid Non-Recurring charges reasonably expended by Company to establish service to Customer, plus;

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.8 Cancellation of Service/Termination Liability (cont'd)

2.8.1 Termination Liability (cont'd)

2) any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by Company on behalf of Customer, plus;

3) all Recurring Charges specified in the applicable Service Order for the balance of the then current term discounted at the prime rate announced in the Wall Street Journal on the third business day following the date of cancellation;

4) minus a reasonable allowance for costs avoided by the Company as a direct result of Customer's cancellation.

2.9 Customer Liability for Unauthorized Use of the Network

2.9.1 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;

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.9 Customer Liability for Unauthorized Use of the Network (cont'd)

2.9.1 Unauthorized Use of the Network (cont'd)

B) (cont'd)

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 Users 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.9 Customer Liability for Unauthorized Use of the Network (cont'd)

2.9.2 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 or User. This responsibility is not changed due to any use, misuse, or abuse of the Customer's service or Customer-provided equipment by Users or 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.10 Application of Rates

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

2.10.1 Charges Based on Duration of Use

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) 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 Feature Group D, usage measurement begins when the originating Feature Group D switch receives the first wink supervisory signal forwarded from the Customer's point of termination.

The measurement of originating call usage ends when the originating Feature Group D switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the switch.

For terminating calls over Feature Group D, the measurement of access minutes begins when the terminating Feature Group D switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. For terminating calls over FGD Access Service, the measured minutes are chargeable access minutes. Where assumed minutes are used, the assumed minutes are the chargeable access minutes.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.10 Application of Rates (cont'd)

2.10.1 Charges Based on Duration of Use (cont'd)

The measurement of terminating call usage over Feature Group D ends when the terminating Feature Group D switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the switch.

FGD 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.

2.10.2 Rates Based Upon Distance

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

A) Distance between two points is measured as airline distance between the wire centers of the originating and terminating telephone lines. The wire center is a set of geographic coordinates, as referenced in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, associated with each NPA-NXX combination (where NPA is the area code and NXX is the first three digits of a seven-digit telephone number). Except that, until the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4 is revised to include certain Company wire centers, the airline distance should be determined utilizing the "V" (vertical) and "H" "horizontal) coordinates as set forth in applicable company tariffs.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY [signature]
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.10 Application of Rates (cont'd)

2.10.2 Rates Based Upon Distance (cont'd)

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

1) Obtain the "V" and "H" coordinates for each wire center from the above-referenced NECA tariff.

2) Compute the difference between the "V" coordinates of the two wire centers; and the difference between the two "H" coordinates.

3) Square each difference obtained in step (2) above.

4) Add the square of the "V" difference and the square of the "H" difference obtained in step (3).

5) Divide the sum of the squares by 10. Round to the next higher whole number if any fraction is obtained.

6) Obtain the square root of the whole number result obtained above. Round to the next higher whole number if any fraction is obtained. This is the airline mileage.

7) Formula = $\sqrt{\frac{(V1 - V2)^2 + (H1 - H2)^2}{10}}$

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

REGULATIONS (cont'd)

2.10 Application of Rates (cont'd)

2.10.3 Mileage

The mileage to be used to determine the Local Transport Facility monthly rates are calculated as the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center. The V&H coordinates method is used to determine mileage. This method is set forth in Section 2.10.2.

The Local Transport Facility mileage rates are shown in Section 5.1.3 in terms of per mile per access minute. To determine the rate to be billed, first compute the mileage. Should the calculation result in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then multiply the mileage by the appropriate Local Transport Facility rate. The amount to be billed shall be the product of this calculation (i.e., the number of miles multiplied by the per mile rate) multiplied by the number of access minutes.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS

3.1 Access Services

Switched Access Service, which is available to Customers for their use in furnishing their services to end users, provides a two-point communications path between a Customer's premises and an end user's premises. It provides for the use of common terminating, switching and bunking facilities. Switched Access Service provides for the ability to originate calls from an end user's premises to a Customer's premises (or a collocated interconnection location), and to terminate calls from a Customer's premises (or a collocated interconnection 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.

Switched Access Service is provided in the following service categories, which are differentiated by their technical characteristics and the manner in which an end user or Customer accesses them when originating or terminating calls.

FGD Access, which is available to all Customers, provides trunk side access to Company end office switches with an associated uniform 10XXX or 101XXXX access codes for the Customer's use in originating and terminating communications. End users may also originate calls to a selected FGD Access Customer by dialing 1 +NPA-NXX-XXXX when using the Company's presubscription service.

Toll Free Data Base Access Service, which is available to all Customers, provides trunk side access to Company end office switches in the originating direction only, for the Customer's use in originating calls dialed by an end user to telephone numbers beginning with the prefix "800" or "888".

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order

A) Ordering Access Service Types

An Access Service Order is used by the Company to provide a Customer Access Service. When placing an order for Access Service, the Customer shall provide, at a minimum, the following information:

1) For Feature Group D Switched Access Service:

(a) When direct routing to an end office is desired, the Customer shall specify:

- the number of trunks,
- the end office and
- the Local Transport and Local Switching options desired.

(b) When end office routing via an access tandem switch operated by another Exchange Telephone Company is desired, the Customer shall specify:

- the number of trunks,
- the access tandem switch,
- the Local Transport and Local Switching options desired, and
- an estimate of the amount of traffic to be generated to and/or from each Company end office subtending another Exchange Telephone Company's access tandem.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

A) Ordering Access Service Types (cont'd)

In addition, the Customer shall also specify for terminating only access, whether the trunks are to be arranged in trunk group arrangements or provided as single trunks.

2) For Feature Group D 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. When FGD is ordered by specifying the number of trunks and direct routing to an end office is desired, the customer shall specify:

- the end office and
- the Local Transport and Local Switching options desired.

When FGD is ordered by specifying the number of trunks and end office routing via an access tandem operated by another Exchange Telephone Company is desired, the customer shall specify:

- the access tandem,
- the Local Transport and Local Switching options desired, and
- an estimate of the amount of traffic to be generated to and/or from each Company end office subtending another Exchange Telephone Company's access tandem.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

A) Ordering Access Service Types (cont'd.)

2) (cont'd.)

In addition, for Feature Group D 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, and the STP point codes, signaling link codes and link type for each Common Channel Signaling Access (CCSA) connection ordered.

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

3) For Toll Free Data Base Access Service, the Customer shall order the service in accordance with the preceding provisions set forth for Feature Group D. If the Customer desires any of the optional features available with Toll Free Data Base Service, the Customer shall so specify on the order for service.

B) Access Order Service Date Intervals

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

- Standard Interval
- Negotiated Interval
- Advance Order Interval

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

B) Access Order Service Date Intervals (cont'd)

1) Standard Interval

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

Trunk Groups	Standard Interval
1 to 4 Trunks	28 Days
5 to 24 Trunks	30 Days

2) Negotiated Interval

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

(a) There is no Standard Interval for the service, or;

(b) The quantity of Access Services orders exceeds the quantities specified in the Standard Intervals, or:

(c) The Customer requests a service date beyond the applicable Standard Interval service date except as set forth in (C) following.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

B) Access Order Service Date Intervals (cont'd)

2) 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 a Toll Free Access Service six digit customer identification NXX is provided with a Negotiated Interval. The addition of a Toll Free Access Service ten digit customer identification record to the Toll Free Access Service data base or the deletion of a Toll Free Access Service ten digit customer identification record from the Toll Free Access Service data base is provided with a Negotiated Interval.

	Maximum Interval
Initial establishment of service where Customer is:	
- Not yet provided with any Trunk Group service in the LATA	6 months

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

B) Access Order Service Date Intervals (cont'd)

2) Negotiated Interval (cont'd)

- Provided Trunk Group service in the LATA — 90 Days

3) 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.

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

(a) Advance Payment

A nonrefundable Advance Payment will be calculated as follows:

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

B) Access Order Service Date Intervals (cont'd)

3) Advance Order Interval (cont'd)

(a) Advance Payment (cont'd)

The minimum monthly charge (Nonrefundable) 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 canceled.

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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

B) Access Order Service Date Intervals (cont'd)

3) Advance Order Interval (cont'd)

(b) 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 canceled will not be credited or refunded.

C) 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 CCSA signaling connections will be treated as a new Access Order (for the increased amount only).

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

C) Access Order Modifications (cont'd)

1) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. When, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Company accordingly delays the start of service, a Service Date Change Charge will apply. If the Customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Company and reissued with the appropriate cancellation charges applied.

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The applicable charge is found in Section 5.1.1.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

C) Access Order Modifications (cont'd)

2) 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 3.1.1 (C) following will apply. Partial cancellation charges do not apply to Advance Order Interval Access Orders.

3) Design Change Charge

The Customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. Design changes do not include a change of customer premises, end user premises, end office switch, Feature Group type except for changes to Feature Group D. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is found in Section 5.1.1.

If a change of service date is required, the Service Date Change Charge will also apply.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

C) Access Order Modifications (cont'd)

4) 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 ail 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 per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

D) Cancellation of an Access Order

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

- The Access Order shall be canceled and charges set forth in (2) 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

D) Cancellation of an Access Order (cont'd)

2) When a Customer cancels a Standard or Negotiated Interval Access Order for the installation of service, a Cancellation Charge will apply as follows:

(a) 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.

(b) If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days, due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotions, the Customer may cancel the Access Order without incurring cancellation charges.

E) Minimum Period

1) The minimum period for which Access Service is provided and for which charges are applicable, is one month.

2) 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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

E) Minimum Period (cont'd)

2) (cont'd)

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

(a) A move to a different building.

(b) A change in type of service.

(c) A change in Switched Access Service Interface Group.

(d) Change in Switched Access Service traffic type.

(e) A change in STP Access link.

(f) A change in STP Port.

(g) Change in Company-provided Switched Access Service to a Collocated Interconnection arrangement or vice versa.

(h) Change to an existing Feature Group D Service to include the provision of 64 kbps Clear Channel Capability.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY _____
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

F) Minimum Period Charges

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.

G) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). Types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

G) Nonrecurring Charges (cont'd)

1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Services ordered on a per trunk basis, the charge is applied per trunk or out of band signaling connection. For Switched Services ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s). In addition, nonrecurring charges apply when an out of band signaling connection is installed for use with FGD.

2) Service Rearrangements

All changes to existing services other than changes involving administrative activities only will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described below.

(a) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity

PUBLIC SERVICE COMMISSION
EFFECTIVE
OCT 1 1 2002
PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

G) Nonrecurring Charges (cont'd)

2) Service Rearrangements (cont'd)

(a) Moves Within the Same Building (cont'd)

affected. There will be no change in the minimum period requirements.

(b) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The Customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

H) Network Blocking Charge

The Customer will be notified by the Company to increase its capability (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY Thomas M. Dorman
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.1 Access Service Order (cont'd)

H) Network Blocking Charge (cont'd)

If the order for additional capacity has not been received by the Company within 15 days of the notification, the Company will bill the Customer, at the rate set forth in 5.1.3(E) following, for each overflow in excess of ordered capacity.

3.1.2 Standard Rate Categories

The following rate categories apply to all forms of Switched Access Service, except as stated in 3.1.3:

- Carrier Common Line
- Local Transport
- End Office

A) Carrier Common Line

The Carrier Common Line rate category provides for the use of Company common lines by Customers for access to end users to furnish Customer intrastate communications. Carrier Common Line is provided where the Customer obtains Company provided Switched Access Service.

1) Limitations

(a) A telephone number is not provided with Carrier Common Line.

(b) Detail billing is not provided for Carrier Common Line.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

A) Carrier Common Line (cont'd)

1) Limitations (cont'd)

(c) Directory listings are not included in the rates and charges for Carrier Common Line.

(d) Intercept arrangements are not included in the rates and charges for Carrier Common Line.

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

2) Undertaking of the Telephone Company

Where the Customer is provided with Switched Access Service under this tariff, the Company will provide the use of Company common lines by a Customer for access to end users at rates and charges as set forth in Section 5.1 2 following.

3) Obligations of the Customer

(a) The Customer facilities at the premises of the ordering Customer shall provide the necessary on hook and off-hook supervision.

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OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

B) Local Transport (cont'd)

3) Obligations of the Customer (cont'd)

(b) All Switched Access Service provided to the Customer will be subject to Carrier Common Line charges, excluding the Common Channel Signaling Access exemption.

4) Common Channel Signaling Access Exemption

The Common Channel Signaling Access Signal Transfer Point (STP) Port Termination charge, as set forth in Section 5.1.3(F) following, is not subject to a Carrier Common Line charge.

5) Rate Regulations

(a) The Carrier Common Line charges will be billed per access minute to each Switched Access Service Customer.

(b) When the Customer reports intrastate and intrastate use of Switched Access Service, the Carrier Common Line charges will be billed only to intrastate interLATA and/or intraLATA Switched Access Service access minutes based on the data reported by the Customer set forth in Section 2.3.3 preceding.

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SECTION 9 (1)
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

B) Local Transport (cont'd)

The Local Transport rate category provides for transmission facilities between the Customer's premises or collocated interconnection location and the Company's end office switch(es) where the Customer's traffic is switched to originate or terminate its communications.

Charges for Local Transport service are computed in accordance with Section 2.6.6 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved). For purposes of determining Local Transport Mileage, distance will be measured from the wire center that normally serves the Customer's premises to the end office switch(es).

The following paragraphs describe the Local Transport rate elements.

Local Transport - Entrance Facility
Direct-Trunked Transport
Common Switched Transport
Interconnection Charge

1) Entrance Facility

The Entrance Facility provides for that communication path between a Customer's premises and the Company service wire center (SWC) of that premises for the sole use of the Customer. The Entrance Facility category is comprised of a DS1 rate. An Entrance Facility is required whether the Customer's premises and the SWC are located in the same or different buildings.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

BY: EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

B) Local Transport (cont'd)

2) Direct-Trunked Transport

The Direct-Trunked Transport provides the transmission path from the serving wire center (SWC) of the Customer's premises to an end office or as an option from the SWC to a tandem. This transmission path is dedicated to the use of a single Customer.
The Direct-Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided. The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct-Trunked Transport rate is the sum of the fixed rate and the per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the serving wire center of the Customer's premises and the end office or directly to the access tandem using the V&H coordinates method.

3) Common Switched Transport

Common Switched Transport is comprised of two rate elements. The two rate elements are as follows:

(a) The Local Transport Termination rate provides for that portion of the voice frequency transmission path at the end office and at the Customer's premises.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

B) Local Transport (cont'd)

3) Common Switched Transport

(b) The Local Transport Facility rate provides for that portion of the voice frequency transmission path between the end office and at the Customer's premises.

4) Interconnection Charge

The interconnection Charge provides for interconnection with he Company's Switch Access network. This rate element will be applied to all Switched Access calls that originate or terminate at a Company end office.

5) Network Call Blocking

6) Common Channel Signaling Access

Common Channel Signaling Access (CCSA) is comprised of a Signal Transfer Point (STP) Link and a dedicated STP Port. The STP Link provides the connection from the customer designated premises to the Company's STP. The STP Port provides the Customer access to the Company's SS7 network. The STP Links and STP Port are dedicated to the Customer.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
EXECUTIVE DIRECTOR

SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

B) Local Transport (cont'd)

6) Interface Groups

The Interface Group is provided for terminating the Local Transport at the Customer's premises. The Interface Group provides a specified premises Interface. Where transmission facilities permit, the individual transmission path between the Customer's premises and the first point of switching may at the option of the Customer be provided with optional features.

7) Interface Groups (cont'd)

Interface Group 1 provides a transmission path between the point of termination at the Customer designated premises and the customer's serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunication industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

C) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the Company's end office. The End Office rate category consists of the Local Switching rate and Information Surcharge elements

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OF KENTUCKY
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OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.2 Standard Rate Categories (cont'd)

C) End Office (cont'd)

1) Local Switching

The Local Switching rate element provides for: a) the use of end office switching equipment; b) the terminations for the end user common lines terminating in the local end office; and c) the termination of a call at a Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number. Intercept rates are assessed to a Customer based on the total number of access minutes.

2) Information Surcharge

The Information Surcharge is a charge to recover costs that are incurred in the provision of intrastate Directory Assistance Service. The Information Surcharge is assessed to the Customer on a per call basis. The rate is set forth in Section 5.1.4(B).

3.1.3 Other Rate Categories

A) Toll Free Data Base Access Service

Toll Free Data Base Access Service is a service offering utilizing originating trunk side Switched Access Service. The service provides for the forwarding of end user dialed Toll Free calls to a Company Service Switching Point which will initiate a query to the data base to perform the switching.

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OF KENTUCKY
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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.3 Other Rate Categories (cont'd)

A) Toll Free Data Base Access Service (cont'd)

Customer identification and delivery function. The call is forwarded to the appropriate Customer based on the dialed Toll Free number. Toll Free Data Base Access Service is comprised of the following elements:

1) Customer Identification Charge

The Toll Free Data Base Access Service Customer Identification Charge applies for the identification and delivery of the appropriate Customer. The charge is assessed to the Customer on a per query and per minute of use basis and may include an area of service which may range from a single NPA/NXX to an area consisting of all LATAs and NPAs within the operating territory of Granite Telecommunications, LLC The Toll Free Carrier identification Charge is set forth in 5.1.5 (A). The per minute of use charges can be found with the Local Transport and Local Switching rates (Section 5.1.3 and 5.1 .4).

2) POTS Translation Charge

The POTS Translation provides the option of having the ten digit POTS number NPA + NXX-XXXX delivered instead of the Toll Free dialed number (e.g., 800 + NXX-XXXX) delivered to the service provider.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY
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SERVICE DESCRIPTIONS (cont'd)

3.1 Access Services (cont'd)

3.1.3 Other Rate Categories (cont'd)

A) Toll Free Data Base Access Service (cont'd)

2) POTS Translation Charge (cont'd)

A POTS Translation Charge is assessed per query, in addition to the Toll Free Carrier Identification Charge as set forth in Section 5.1.5 (B). The charges can be found with the Local Transport and Local Switching rates (Section 5.1.3 and 5.1.4).

3) Call Handling & Destination Feature Charge

The Toll Free Call Handling and Destination Features Package, available only with the Toll Free Data Base Access Service, provides feature functionality in addition to basic query. The feature package may include various destination options such as carrier selection, time of day routing, day of week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

A Call Handling and Destination Feature Charge is assessed on a per-query basis, in addition to the Customer Identification Charge and the POTS Translation Charge as set forth in Section 5.1.5 (C).

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SECTION 9 (1)

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SERVICE DESCRIPTIONS (cont'd)

3.2 Miscellaneous Services

3.2.1 Presubscription

A) Presubscription is an arrangement whereby an end user may select and designate to the Company an interexchange carrier (IXC) to access, without an access code, for intrastate interLATA calls subject to the Company's Access Tariff. This IXC is referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select as its PIC the Company, or any other IXC that orders originating Feature Group D Switched Access Service at the end office that serves the end user. After the end user's initial selection of a predesignated IXC, for any additional change in selection, a non-recurring charge, as set forth in Section 5.2.1, applies.

B) At the request of a new or existing end user served by a Feature Group D end office, the Company will provide a list of IXCs the end user may select as its PIC. At no additional charge for the initial selection, the customer may choose either of the following options.

- Designate an IXC as a PIC and dial 10XXX or 101XXXX to reach other IXCs.

- Designate that they do not want to be presubscribed to any IXC and choose to dial 10XXX or 101 XXXX for all calls to all IXCs.

New end users subscribing to the Company's Exchange Access Service which do not specify a PIC will default to the Company as their initial PIC selection. Subsequent to the installation of Exchange Access Service, and after the end user's initial selection of a PIC, for any additional change in selection, a nonrecurring charge as set forth in Section 5.2.1, applies. This charge is billed to the end user.

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OCT 11 2002

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SECTION 9 (1)
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SERVICE DESCRIPTIONS (cont'd)

3.2 Miscellaneous Services (cont'd)

3.2.1 Presubscription (cont'd)

B) the Exchange Access Service, or upon request by the selected IXC, billed to the IXC on behalf of the end user.

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SERVICE DESCRIPTIONS (cont'd)

3.3 Voice Over Internet Protocol - Public Switched Access Telephone Network (VoIP-PTSN) Traffic

3.3.1 Identification and Treatment of VoIP-PSTN Traffic

A. Company is entitled to compensation on traffic exchanged with Customers when such traffic originates and/or terminates in Internet Protocol format, as set forth in Section 51.913 of the Federal Communications Commission's rules, 47 C.F.R. §51.913, regardless of whether the Company itself delivers such traffic to the called party's premises or delivers the call to the called party's premises via contractual or other arrangements with an affiliated or unaffiliated provider of interconnected Voice over Internet Protocol service.

B. Intrastate VoIP-PSTN traffic is subject to the corresponding interstate switched access rate set forth in the Company's interstate F.C.C. Tariff No. 1 for Kentucky. (T)(R)

(T)(R)

(D)

(D)

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SERVICE DESCRIPTIONS (cont'd)

3.3 Voice Over Internet Protocol - Public Switched Access Telephone Network (VoIP-PTSN) Traffic, Continued

3.3.1 Identification and Treatment of VoIP-PSTN Traffic, Continued

(D)

(D)

C. Interstate VoIP – PSTN traffic is subject to the corresponding interstate switched access rate set forth in the Company's interstate F.C.C. Tariff No. 1 for Kentucky. (T)(R)

(T)(R)

D. A Customer delivering traffic to Company will identify the percentage of traffic that is VOIP – PSTN Traffic ("Percentage VOIP Usage" or "PVU") and will provide a traffic study or similar analysis that is acceptable to the Company and is subject to audit. If a Customer fails to provide this information, Company will assign a default PVU equal to zero.

E. Customer will not modify its reported Percentage of Interstate Usage factor to account for Toll VoIP-PSTN traffic.

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SERVICE DESCRIPTIONS (cont'd)

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3.3 Voice Over Internet Protocol - Public Switched Access Telephone Network (VoIP-PTSN) Traffic (N)

3.3.2. PVU Factor Updates

The Customer may provide a traffic study or similar analysis that is acceptable to the Company to update the PVU factors quarterly. The Customer shall submit such updates no later than the 15th day of January, April, July and October of each year. Revised PVU factors must be based on data for the prior three months ending the last day of December, March, June and September respectively. The revised PVU factors will be used for future billing and will be effective on the due date of each month and will be used for subsequent monthly billing until superseded by a new PVU factor. No prorating or back billing will be done based on the updated PVU factors except as provided in Section 3.3.3., below.

3.3.3. PVU Factor Audit and Verification

A. The Company and Customer may request no more than four audits in any twelve-month period with respect to the PVU factors including, but not limited, the veracity of the underlying data or the calculation of a PVU. Each party shall bear its own costs associated with any audit or verification of the PVU factor.

B. If the audit results in a revised PVU, the Company and Customer will true-up their billings under the revised PVU.

(N)

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RATES

5.1 Access Service

5.1.1 Service Orders

		Nonrecurring Charge	
A)	Service Implementation	First	Add'l
1)	Installation Charge	$0.00	$0.00
2)	Access Order Charge	$0.00	$0.00
3)	Cancellation Charge	$0.00	$0.00

5.1.2 Switched Access

Per originating minute $0.057

Per Terminating Minute

Company adopts as its own the corresponding non-recurring terminating per minute switched exchange access rates contained in the Company's F.C.C. Tariff No. 1. (T)(R) (T)

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RATES (cont'd)

5.1 Access Service (cont'd)

		InterLATA	IntraLATA
5.1.3	Interconnection Charge (Per Minute)	$0.0000	$0.0000

		Per Call Blocked
5.1.4	Network Blocking Charge	$0.0000

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OCT 11 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
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RATES (cont'd)

5.1 Access Service (cont'd)

5.1.5 Toll Free Data Base Access Service

POTS Translation Charge	$0.005
Per Query	$0.005
All others per query	$0.005

5.2 Miscellaneous Services

5.2.1 Presubscription

A) Authorized PIC Change
-Per Telephone Exchange Service
Line or Trunk $5.00

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OF KENTUCKY
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OCT 1 1 2002

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
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RATES (cont'd)

5.3 [Reserved for Future Use] (T)
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5.4 Primary Interexchange Carrier Charge

Multi-Line Business, per line $4.31

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