

Birch Telecom of Missouri, Inc.
dba Birch Communications

Original Adoption Notice

ADOPTION NOTICE

BIRCH TELECOM OF MISSOURI, INC. dba
BIRCH COMMUNICATIONS

Birch Telecom of Missouri, Inc. hereby files this "Adoption Notice" in order to inform the Missouri Public Service Commission (MPSC) that it registered the assumed name "Birch Communications" with the Missouri Secretary of State (Certificate No. X00882100) and herewith provides the Missouri P.S.C. Tariff No. 4 Title Page reflecting the changes. This Adoption Notice also reflects the change of address to 2300 Main St. Suite 600 Kansas City, MO 64108 below and as listed on the 3rd Revised Title Page.

No other changes, additions, cancellations have been made to Birch Communications' Missouri P.S.C. Access Services Tariff No. 4.

Issue Date: March 26, 2008

Effective Date: April 25, 2008

Birch Communications

Christopher J. Bunce, Vice President Legal and General Counsel
2300 Main St. Suite 600
Kansas City, MO 64108

CANCELLED
November 15, 2009
Missouri Public
Service Commission
PSC MO No 5; JX-2010-0285

FILED
Missouri Public
Service Commission
TN-2008-0307

**Birch Telecom of Missouri, Inc.
dba Birch Communications
Intrastate Access Service Tariff**

(T)

This Tariff, filed with the Missouri Public Service Commission, contains regulations, rates and charges applying to the provision of Access Services for connection to intrastate communications facilities for customers within the operating territory of the State of Missouri by Birch Telecom of Missouri, Inc. dba Birch Communications, (the "Company"). Copies of this Tariff may be inspected during normal business hours at the Company's principal place of business.

(T)

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

Not all services described in this tariff are available from every wire center. The services available from each specific wire center are listed in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

Wherever in this Tariff or its headings, the term "Company" or the name Birch Telecom of Missouri, Inc., Birch Telecom or Birch appears, that shall mean and shall refer to Birch Telecom of Missouri, Inc. dba Birch Communications.

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Birch Telecom of Missouri, Inc.

David E. Scott, President

2020 Baltimore Avenue

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CHECK SHEET

Pages 1 to 69, inclusive, of this tariff are effective as of the date shown.

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CONCURRING, CONNECTING AND OTHER PARTICIPATING CARRIERS

CONCURRING CARRIERS

No concurring carriers

CONNECTING CARRIERS

No connecting carriers

OTHER PARTICIPATING CARRIERS

No participating carriers

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EXPLANATION OF SYMBOLS AND ABBREVIATIONS

SYMBOLS

(DR) - Indicates discontinued rate
 (AT) - Indicates addition to text
 (RT) - Indicates removal of text
 (C) - Indicates a correction
 (CR) - Indicates change in rate
 (CP) - Indicates change in practice
 (CT) - Indicates change in text
 (NR) - Indicates new rate
 (MT) - Indicates moved text
 (FC) - Indicates a change in format lettering or numbering

ABBREVIATIONS

ACNA	-	Access Customer Name Abbreviation	
ANI	-	Automatic Number Identification	
BAN	-	Billing Account Number	
BIP	-	Billing Interconnection Percentage	
Bps	-	bits per second	
BRI ISDN	-	Basic Rate Interface Integrated Services Digital Network	
CCL	-	Carrier Common Line	
CIC	-	Carrier Identification Code	
CKR	-	Customer Circuit Identification Record	
CO	-	Central Office	
CPE	-	Customer Premise Equipment	
EUCL	-	End User Common Line	
F.C.C.	-	Federal Communications Commission	(T)
FGB	-	Feature Group B	
FGD	-	Feature Group D	
IC	-	Interexchange Carrier	
ICB	-	Individual Case Basis	
IDDD	-	International Direct Distance Dialing	
IXC	-	Interexchange Carrier	
Kbps	-	Kilobits per second	
LATA	-	Local Access and Transport Area	
LEC	-	Local Exchange Carrier	
LOA	-	Letter of Authorization	
Mbps	-	Megabits per second	
NPA	-	Numbering Plan Area	
NPAS	-	Number Portability Access Service	
PIC	-	Primary Interexchange Carrier	(T)
PIU	-	Percent Intrastate Usage	
PRI ISDN	-	Primary Rate Interface Integrated Services Digital Network	
RSM	-	Remote Switching Module	
RSS	-	Remote Switching System	
SCP	-	Service Control Point	
SS7	-	Signaling System 7	

Issue Date: March 29, 2000

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REC'D APR 12 1999

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CANCELLED

APR 28 2000

By JRS
Public Service Commission
MISSOURIMissouri Public
Service Commission

97-372

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REFERENCE TO OTHER TARIFFS

Whenever a reference is made within this Tariff to other tariffs of the Company or to tariffs of other entities, the reference is to the Tariff in force as of the effective date of this Tariff and to amendments thereto and successive issues thereof.

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1. APPLICATION OF TARIFF

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, Switched Access, and other miscellaneous services, hereinafter referred to collectively as service(s), provided to customers by the Company. End users may purchase services from the Access Services Tariff only to the extent explicitly set forth herein. Access Services will not be provided to an end user's location in such a manner that avoids this end user restriction.
- 1.2 The operating territory of the Company comprises the geographic areas for which the Company is certified to operate in the state of Missouri. These areas are specified by identification of the exchanges established by the Company for the administration of communications services. Exchanges are related to the central office(s) and their corresponding NXX code(s). The NXX codes assigned to the Company's central offices are specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.
- 1.3 The provision of such services by the Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

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2. GENERAL REGULATIONS

2.1 Undertaking of the Company

2.1.1 Scope

- A. The Company undertakes to furnish intrastate telecommunications services pursuant to the terms of this tariff. The Company's service is available twenty-four hours per day, seven days per week, except as set forth in other sections of this tariff.
- B. The provision of such services by the Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.
- C. The Company arranges for installation, operation and maintenance of the service provided in this tariff for the customer in accordance with the terms and conditions set forth herein. Company facilities are to be used only for Company provided services or equipment.
- D. The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required, at the sole discretion of the Company.
- E. Customers and users may use services and facilities provided under this tariff to obtain access to services offered by other service providers. The Company is responsible under this tariff only for the services and facilities provided hereunder, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own customers.
- F. The Company shall, for maintenance purposes, test its services only to the extent necessary to detect and/or clear trouble.
- G. Facilities utilized by the Company to provide service under the provisions of this tariff shall remain the property of the Company.
- H. The Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

2.1.2 Limitations

- A. The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A, of the Federal Communications Commission's Rules and Regulations.
- B. Directory listings will not be furnished as a part of the services provided under this tariff.

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2. GENERAL REGULATIONS (continued)

2.1 Undertaking of the Company (continued)

2.1.3 Liability

- A. The Company's liability for its willful misconduct, if any, is not limited by this tariff. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (H) following, the Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a credit allowance for a service interruption. No action or proceeding against the Company shall be commenced more than one year after the service is rendered.
- B. The Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- C. The Company is not liable for damages to the customer's premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Company's negligence.
- D. When a customer is provided service under this tariff, the Company shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the customer's use of services offered under this tariff, involving:
1. Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the customer's own communications;
 2. Claims for patent infringement arising from the customer's acts combining or using the service furnished by the Company in connection with facilities or equipment furnished by the customer; or
 3. All other claims arising out of any act or omission of the customer in the course of using services provided pursuant to this tariff.
- E. The Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to the customer's use of the services so provided.
- F. No license under patents (other than the limited license to use) is granted by the Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. The Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages awarded based solely on such claims.

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2. GENERAL REGULATIONS (continued)

2.1. Undertaking of the Company (continued)

2.1.3 Liability (continued)

- G. The Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control. However, credit allowance for service interruptions as specified in 2.5.4 (Credit Allowance for Service Interruptions) will apply.
- H. The Company makes no warranties or representations, express or implied either in fact or by operations of law, statutory or otherwise, including warranties of merchantability or fitness for a particular use, except those expressly set forth herein.

2.1.4 Provision of Services

- A. The Company will provide to the customer, upon reasonable notice, services offered in this tariff at the specified rates and charges, to the extent that such services are or can be made available with reasonable effort and after provisions have been made for the Company's Local Telephone Exchange Service. The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of a lack of facilities, or due to any other cause beyond the Company's control.
- B. In the event that the customer's request cannot be fulfilled with existing facilities and equipment or the request is not consistent with the Company's filed tariffs, alternative designs may be provided by the Company. Additionally, the Company will work with the customer to reach an agreeable solution.
- C. Standard jacks are used where appropriate to terminate services.
- D. Except as provided for equipment and systems subject to F.C.C. Part 68 Regulation at 47 C.F.R. Section 68.110(b), the Company may, where such action is reasonably required in the operation of its business:
1. Substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to:
 - substitution of different metallic facilities,
 - substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities, and
 - substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities;

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2. GENERAL REGULATIONS (continued)

2.1 Undertaking of the Company (continued)

2.1.4 Provision of Services (continued)

D. (continued)

2. Change minimum network protection criteria;
3. Change operating or maintenance characteristics of facilities; or
4. Change operations or procedures of the Company.

E. The Company will provide the customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not limited to a specific service, but affect many customer services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the customer to determine the notification requirements.

F. The Company will work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.1.5 Operation and Maintenance

A. Maintenance of Service

The services provided under this tariff shall be maintained by the Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Company, other than by connection or disconnection to any interface means used, except with the written consent of the Company.

B. Availability of Testing

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

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2. GENERAL REGULATIONS (continued)

2.1 Undertaking of the Company (continued)

2.1.5 Operation and Maintenance (continued)

C. Interference or Impairment

The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Company and associated with the facilities utilized to provide services under this tariff shall not interfere with or impair service over any facilities of the Company, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.

The Company will, when possible, notify the customer that temporary discontinuance of the use of a service may be required, except as provided for equipment or systems subject to F.C.C. Part 68 Rules in 47 C.F.R. Section 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding. Where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Company's right to temporarily discontinue the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance.

During such period of temporary discontinuance, allowance for interruption of services as set forth in 2.5.4 (Credit Allowance for Service Interruptions) is not applicable.

2.1.6 Refusal and Discontinuance of Services

A. The Company may refuse additional applications for service or discontinue the provision of services as set forth in (1) and (2) following, unless the provisions of 2.1.5(C) (Interference or Impairment) or 2.3.2 (Connections) apply, when the customer fails to comply with:

- 2.1.5(A) (Maintenance of Service),
- 2.1.5(B) (Availability of Testing),
- 2.3.4 (Damages),
- 2.4 (Jurisdictional Report Requirements), or
- 2.5 (Billing Regulations) - including any payments to be made by the customer on the dates and times herein specified.

On thirty (30) days' written notice by Certified U.S. Mail (return receipt requested) to the person designated by that customer to receive such notices of noncompliance, the Company may:

1. Refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying customer at any time thereafter. If the Company does not refuse additional applications for service on the date specified in

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2. GENERAL REGULATIONS (continued)

2.1 Undertaking of the Company (continued)

2.1.6 Refusal and Discontinuance of Services (continued)

A. (continued)

1. (continued)

the thirty (30) days' notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Company's right to refuse additional applications for service to the noncomplying customer without further notice; or

2. Discontinue the provision of the services to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days' notice and the customer's noncompliance continues, nothing contained herein shall preclude the Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

- B. When access service is provided by more than one Company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the telephone companies affected by the nonpayment are incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other telephone companies will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls which originate or terminate within, or transit, the operating territory of the telephone companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the Company where the customer end office is located shall prevail for joint service discontinuance provisions.

- C. If the National Exchange Carrier Association, Inc. (NECA), notifies the Company that the customer has failed to comply with the Section 8 Lifeline Assistance and Universal Service Fund charges of NECA Tariff F.C.C. No. 5, including any customer's failure to make payments on the date and times specified therein, the Company may, on thirty (30) days' written notice to the customer by Certified U.S. Mail, take any of the following actions:

1. Refuse additional applications for service;
2. Refuse to complete any pending orders for service; or
3. Discontinue the provision of service to the customer. In the case of discontinuance, all applicable charges, including termination charges, shall become due.

- D. In the event of a dispute between a customer and Birch regarding any bill for access service, the customer's service shall not be subject to discontinuance for nonpayment of that portion of a bill under dispute pending the resolution of the dispute, but in no event to exceed sixty (60) days. The customer is obligated to pay any portion of the bill not under dispute, however, under the provisions of the tariff.

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2. GENERAL REGULATIONS (continued)

2.1 Undertaking of the Company (continued)

2.1.7 Provision and Ownership of Telephone Numbers

The Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services or the Company serving central office prefixes associated with such numbers, when necessary, in the conduct of the Company's business. Should it become necessary to make a change in such numbers, the Company will furnish to the customer, by Certified U.S. Mail on six (6) months' notice, the effective date and an explanation of the reasons for such changes.

2.2 Assignment and Transfer of Facilities

- A. The customer may not assign or transfer (e.g., mergers, acquisitions, consolidations) the use of services provided under this tariff except where there is no interruption of use or relocation of the services, such as assignment or transfer to:
1. Another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or
 2. A court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.
- B. In all cases of assignment or transfer, the written acknowledgment of the Company is required prior to such assignment or transfer and such acknowledgment shall be made within fifteen (15) days from the receipt of notification. The assignee or transferee (new customer) shall provide to the Company the written release of the use of such services from the assignor or transferor (former customer). All regulations, conditions and applicable charges, as set forth in this tariff, shall apply to such assignee or transferee.
- C. The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

2.3 Obligations of the Customer

2.3.1 Design of Customer Services

Subject to the provisions set forth in 2.1.4 (Provision of Services), the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Company, minimum network protection criteria, operating or maintenance characteristics of the facilities.

2. GENERAL REGULATIONS (continued)

2.3 Obligations of the Customer (continued)

2.3.2 Connections

Facilities furnished under this tariff may be connected to customer-provided terminal equipment in accordance with the provisions of this tariff.

2.3.3 Equipment, Space and Power

The customer shall furnish, or arrange to have furnished, to the Company, at no charge, an environment conducive to the operation of equipment, as well as the space and electrical power required by the Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Company. The customer shall also make necessary arrangements in order that the Company will have access to such spaces at reasonable times for installing, testing, repairing or removing services of the Company.

2.3.4 Damages

The customer shall reimburse the Company for damages to the Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer or resulting from the customer's improper use of the Company facilities, or due to malfunction of any facilities or equipment provided by other than the Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. Upon reimbursement for damages, the Company will cooperate with the customer in prosecuting a claim against the person causing such damage. The customer shall be subrogated to the right of recovery by the Company for the damages to the extent of such payment.

2.3.5 Claims and Demands for Damages

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

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Birch Telecom of Missouri, Inc.

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2. GENERAL REGULATIONS (continued)

2.3 Obligations of the Customer (continued)

2.3.6 Customer Provided Reports

Customers may be required to provide certain reports in connection with the provision of access service. The specific report requirements are provided in other sections of this tariff.

2.4 Jurisdictional Report Requirements

For Feature Group B or D Switched Access Service(s), where jurisdiction can be determined from the call detail, the Company will determine the projected Percent Intrastate Usage (PIU) factor as follows: the projected PIU factor will be developed on a monthly basis by end office, by dividing the measured intrastate originating or terminating 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 or terminating access minutes.

For terminating access minutes, in cases where the call detail is insufficient to allow for use of measured minutes, the customer has the option of providing the Company with a projected PIU factor. Customers who provide a PIU factor shall supply the company with an intrastate percentage of FGD terminating access minutes for each account or state to which the customer may terminate traffic. If no projected PIU factor is provided, the Company will apply a 50%/50% PIU for interstate and intrastate terminating and 800 originating access minutes. (T)

Effective on the first of January, April, July and October of each year or otherwise negotiated date, the customer may update the interstate and intrastate jurisdictional report. The customer shall forward to the Company, to be received no later than 15 days after the first of the month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. Except where the Company is billing according to actual use by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on that report. If the customer does not supply the reports for those services where reports are needed, the Company will assume the percentage to be the same as those provided previously. For those cases in which a quarterly report has never been received from the customer, the Company will assume the percentages to be the same as those provided in the initial order for service. (T)

The customer reported projected PIU will be used for the apportionment of any monthly rates or nonrecurring charges associated with FGB or FGD Services 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 project intrastate percentage of use as set forth preceding. Where call detail is insufficient to make such a determination, the customer will be requested to project an intrastate percentage of use to be used by the Company for such apportionment.

The customer shall keep sufficient detail from which the percent 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.

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2. GENERAL REGULATIONS (continued)

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2.3.6 Customer Provided Reports

Customers may be required to provide certain reports in connection with the provision of access service. The specific report requirements are provided in other sections of this tariff.

2.4 Jurisdictional Report Requirements

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For terminating access minutes, in cases where the call detail is insufficient to allow for use of measured minutes, the customer has the option of providing the Company with a projected PIU factor. Customers who provide a PIU factor shall supply the company with an intrastate percentage of FGD terminating access minutes for each account or state to which the customer may terminate traffic. If no projected PIU factor is provided, the data used by the Company to develop the projected PIU factor for originating access minutes will be used to develop the factor for terminating minutes.

Effective on the first of January, April, July and October of each year or otherwise negotiated date, the customer may update the interstate and intrastate jurisdictional report. The customer shall forward to the Company, to be received no later than 15 days after the first of the month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. Except where the Company is billing according to actual use by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on that report. If the customer does not supply the reports for those services where reports are needed, the Company will assume the percentage to be the same as those provided previously. For those cases in which a quarterly report has never been received from the customer, the Company will assume the percentages to be the same as those provided in the initial order for service.

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The customer shall keep sufficient detail from which the percent 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.

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2. GENERAL REGULATIONS (continued)

2.5 Billing Regulations

2.5.1 Advance Payments

To safeguard its interests, the Company may require a customer to make an advance payment before services are furnished. 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

In order to safeguard its interest, the Company may only require those customers who have a proven history of late payments or do not have established credit to make a deposit, prior to or at any time after the provision of a service to the customer, as a guarantee of the payment of rates and charges. Such deposit is to be held by the Company. The deposit may not exceed the actual or estimated rates and charges for a one-month period. The fact that a deposit has been made does not relieve the customer from complying with Birch's regulations as to the prompt payment of bills nor does it constitute a waiver or modification of the regular practices of Birch providing for the discontinuance of the facilities for nonpayment of any sums due Birch for the facilities provided.

At such time as the provision of service to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded.

2.5.2 Payment of Rates and Charges

For services provided under this tariff, the Company will bill in the following manner:

- Charges or credits due to the customer for services established or discontinued during the preceding billing period will be billed on a current basis,
- Recurring rates and charges for services to be provided during the next billing period will be billed in advance, and
- Usage charges will be billed in arrears.

All bills are due when rendered (i.e., 30 days after or by the next bill date, as set forth in (A) following.

Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or fraction thereof based on a 30-day month.

If the Company does not receive notice of a dispute in writing within 90 days from the date of the invoice, the invoice shall be considered correct, final, and binding on the Customer for all purposes and the Customer shall be deemed to have waived any right to dispute that invoice.

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2. GENERAL REGULATIONS (continued)

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2.5 Billing Regulations

2.5.1 Advance Payments

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- Recurring rates and charges for services to be provided during the next billing period will be billed in advance, and
- Usage charges will be billed in arrears.

All bills are due when rendered (i.e., 30 days after or by the next bill date; as set forth in (A) following.

Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or fraction thereof based on a 30-day month.

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2. GENERAL REGULATIONS (continued)

2.5 Billing Regulations (continued)

2.5.3 Payment of Rates and Charges

When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

A. When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and usage) including optional features charges, will be prorated between interstate and intrastate. The percentage of an Access Service to be charged as intrastate is derived in the following manner:

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

B. Past Due Charges

The Company may apply a late charge if any portion of the customer's payment is received by the Company after the payment due date, or if any portion of the payment is received by the Company in funds which are not immediately available upon presentment. The late payment charge shall be applied to the portion of the payment not received by the due date, multiplied by 1.5%.
Collection procedures are unaffected by the application of the late payment charge. The late payment charge does not apply to final amounts.

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C. Billing Disputes Resolved in Favor of the Company

In the event that a billing dispute is resolved in favor of the Company, any payments withheld pending settlement of the dispute shall be subject to a late payment charge determined in accordance with (A) preceding and applied to such disputed charges. Such annual rate will be applied for each month or portion thereof that such charges were unpaid.

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2. GENERAL REGULATIONS (continued)

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2.5.3 Payment of Rates and Charges

When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

A. When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and usage) including optional features charges, will be prorated between interstate and intrastate. The percentage of an Access Service to be charged as intrastate is derived in the following manner:

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

B. Past Due Charges

The Company may apply a late charge if any portion of the customer's payment is received by the Company after the payment due date, or if any portion of the payment is received by the Company in funds which are not immediately available upon presentment. The late payment charge shall be applied to the portion of the payment not received by the due date, multiplied by a factor. The late factor shall be the lesser of the following;

- a. the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for each month or portion thereof that an outstanding balance remains, or
- b. 0.000590 per day, compounded daily and applied for each month or portion thereof that an outstanding balance remains.

C. Billing Disputes Resolved in Favor of the Company

In the event that a billing dispute is resolved in favor of the Company, any payments withheld pending settlement of the dispute shall be subject to a late payment charge determined in accordance with (A) preceding and applied to such disputed charges. Such annual rate will be applied for each month or portion thereof that such charges were unpaid.

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2. GENERAL REGULATIONS (continued)

2.5 Billing Regulations (continued)

2.5.3 Payment of Rates and Charges (continued)

D. Billing Disputes Resolved in Favor of the Customer

In the event that a billing dispute is resolved in favor of the customer, no late payment charge will apply to the disputed amount and the customer will receive a credit equal to the overcharged amount.

2.5.4 Credit Allowance for Service Interruptions

A. General

Service is considered to be interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Company and ends when the service is operative.

The credit allowance for an interruption or for a series of interruptions shall not exceed:

1. The applicable monthly rate, or
2. The assumed minutes of use charge

For calculating credit allowances, every month is considered to have 30 days.

B. When a Credit Allowance Applies

In addition, Credit Allowance for Service Interruptions also apply when service is interrupted due to labor difficulties, governmental orders, civil commotions, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control. No credit shall be allowed for an interruption period of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or fraction thereof that the interruption continues after the initial 30 minute interruption.

A credit allowance for service interruptions will be applied to Switched Access Service depending upon whether or not the interruption is associated with a service that is usage rated or monthly recurring rated as set forth in (1) and (2) following:

1. Credit Allowance for Usage Rated Services

If the service experiencing an interruption is billed based on assumed minutes of use, credit shall be allowed for an interruption of greater than 24 hours. Such credit will be at the rate of 1/30th of the assumed minutes of use charge for each period of 24 hours or fraction thereof that the interruption continues.

2. GENERAL REGULATIONS (continued)

2.5 Billing Regulations (continued)

2.5.4 Credit Allowance for Service Interruptions (continued)

If the service experiencing an interruption is billed on a measured, usage sensitive basis, a credit allowance does not apply.

2. Credit Allowance for Monthly Recurring Rated Services

For Switched Access Services with monthly recurring rates, the charges for which a credit will apply due to service interruptions will be the total of all monthly rate elements associated with the transport facility per DS1 or DS3, fixed per month and per mile per month, including any monthly rated features.

No credit allowance shall be allowed for an interruption period of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more up to, and including, 2 hours at the rate of 1/1440 of the monthly charges for the facility for each period of 30 minutes or fraction thereof that the interruption continues after the initial 30 minute outage.

In any month, as a result of the interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

C. When a Credit Allowance Does Not Apply

Credit allowances will not be made for the following:

1. Interruptions caused by the negligence of the customer.
2. Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
3. Interruptions of a service during any period in which the Company is not afforded access to the premises where the service is terminated.
4. When the Company and the customer negotiate the release of the service for (1) maintenance purposes, (2) to make rearrangements or (3) to implement an order for a change in the service, a credit allowance does not apply during the negotiated time of release. Thereafter, a credit allowance as set forth in (A) and (B) preceding does apply.
5. Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

D. Temporary Surrender of a Service

In certain instances, the customer may be requested to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be determined in the same manner as a credit for service interruptions as set forth in (A) preceding.

2. GENERAL REGULATIONS (continued)

2.6 Jointly Provided Access Services

Meet Point Billing applies where a customer orders Switched Access to another Local Exchange Telephone Company to originate and terminate traffic to end users. All recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each company's applicable rates.

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

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 Services as follows:

- A. When FGB or FGD is ordered by a customer to an interconnection point of another Local Exchange Telephone Company connected to the Company's network, the customer must provide the original order to the Local Exchange Telephone Company, and must provide a copy of the order to this Company.

Each Local Exchange Telephone Company that accepts the order will provide the portion of Switched Transport in its territory to an interconnection point with another Local Exchange Telephone Company, and will bill the service in accordance with its tariff(s). The rates for Switched Transport (fixed and per mile), are determined as follows:

1. The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4).
 2. A billing factor called the Billing Interconnection Percentage (BIP) is determined from NECA No. 4 directly.
 3. The company's rates and charges are then multiplied by the appropriate quantity(ies) and the billing factor to obtain the charges for this company.
- B. The application of nondistance sensitive rate elements varies according to the rate structure and location of the facilities involved:
1. When rates and charges are listed on a per point of termination basis, this company's rates will be billed for the termination(s) within this company's operating territory.
 2. When rates and charges are listed on a per unit basis, e.g. multiplexing, this company's rates and charges will apply for the units located in this company's operating territory.
 3. When rates and charges are developed on an individual case basis, such rates will be developed for the portion of the service provided by this company.
 4. When rates and charges are listed on a per service basis, these rates and charges will be billed.

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2. GENERAL REGULATIONS (continued)

2.6 Jointly Provided Access Services (continued)

5. When rates and charges are listed on a per line or trunk installed basis, this company's rates will be billed based on the number of lines or trunks specified by the customer on its order for access service placed with this company.

2.7 Definitions

Certain terms used herein are defined as follows:

Access Code

Denotes a uniform seven digit code assigned by the Company to an individual customer. The seven digit code has the form 101XXXX or 950-XXXX.

Access Customer Name Abbreviation (ACNA)

Denotes a three alpha character code that identifies the customer to which the Access Service bill is rendered.

Access Minutes

Denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. Access minutes are as described in Section 6 (Switched Access Service).

Access Tandem

Denotes a Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

Answer/Disconnect Supervision

Denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Billing Account Number (BAN)

Denotes a code that identifies the customer's billing account to which Access Services are billed.

Business Day

Denotes the times of day that the Company is open for business. Generally, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. However, Business Day hours for the Company may vary based on company policy, union contract and location.

Call

Denotes an attempt for which the complete destination code or a Carrier Access Code (e.g., 950-XXXX, 101XXXX#, 0- or 00-) is provided in the originating direction or a complete destination code is provided in the terminating direction.

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2. GENERAL REGULATIONS (continued)

2.7 Definitions (continued)Carrier Identification Code (CIC)

Denotes a numeric code that is assigned by Bellcore to long distance carriers for the provisioning of Feature Group B and/or D trunk side Access Service. The numeric code uniquely identifies the carrier.

Central Office

Denotes a local Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Channel(s)

Denotes an electrical or photonic, in the case of fiber optic based transmission systems, communications path between two or more points of termination.

Common Line

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

Customer(s)

Denotes any individual, partnership, association, joint-stock company, trust, corporation or governmental entity or any other entity which subscribes to the services offered under this tariff, including both Interexchange Carriers (ICs) and End Users.

End Office Switch

Denotes a local Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. Included are Remote Switching Modules (RSM) and Remote Switching Systems (RSS) served by a host office in a different wire center.

End User

Denotes any customer of an intrastate telecommunications service that is not a carrier, except that a carrier other than a Company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

Entrance Facility

Denotes a Switched Transport facility between a Company serving wire center and a customer premises that provides a customer with dedicated transport from the serving wire center to the customer's premises.

Exchange

Denotes a unit, generally smaller than a Local Access and Transport Area, established by the Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprises a given Local Access and Transport Area.

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2. GENERAL REGULATIONS (continued)

2.7 Definitions (continued)Facility

Denotes any one of the elements of physical telephone plant that is needed to provide access service, including switching systems, cables, fiber optic and microwave radio transmission systems.

Feature Group

Denotes a category of Switched Access Service differentiated by the technical characteristics, e.g., line side vs. trunk side connection at the Company entry switch.

Host Office

Denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Immediately Available Funds

Denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and includes U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Individual Case Basis (ICB)

Denotes a condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Interexchange Carrier (IC) or Interexchange Common Carrier

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate communication by wire or radio, between two or more exchanges.

International Direct Distance Dialing (IDDD)

Denotes the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGD equipped end office.

Interstate Communications

Denotes both interstate and foreign communications.

Intrastate Communications

Denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

Line Side Connection

Denotes a connection of a transmission path to the line side of a local exchange switching system.

2. GENERAL REGULATIONS (continued)

2.7 Definitions (continued)Local Access and Transport Area (LATA)

Denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

North American Numbering Plan (NANP)

Denotes a three-digit Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

Premises

Denotes a building, or a portion of a building in a multitenant building, or buildings on continuous property (except railroad right-of-way, etc.) not separated by a public highway.

Query

Denotes a request for specific information generated by a computer processor and sent to an application, i.e., a data base, with a predefined set of possible responses.

Remote Switching Modules (RSM) or Remote Switching Systems (RSS)

Denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic switching system type Host Office. The RSM/RSS cannot accommodate direct trunks to a customer.

Service Control Point (SCP)

Denotes a transaction processor based system that provides a network interface to various data base services. For 800 Number Portability Access Service, the SCP contains routing instructions for 800 service records that were downloaded from the SMS/800.

Service Termination

Denotes the connection of Access Service at a customer premises.

Serving Wire Center

Denotes the end office from which the customer designated premises would normally obtain dial tone from the Company for Local Exchange Service purposes.

Signaling System 7 (SS7)

Denotes the signaling protocol Version 7 used in the Common Channel Signaling network based on the American National Standards Institute (ANSI) standards.

Subtending End Office of an Access Tandem

Denotes an end office that has final trunk group routing through the tandem.

Tandem-Switched Transport Facility

Denotes a Switched Transport facility between a Company hub office (when multiplexing occurs at an office other than the serving wire center) and an end office that provides a customer with transport to or from the end office by routing through an access tandem.

2. GENERAL REGULATIONS (continued)

2.7 Definitions (continued)Terminating Direction

Denotes the use of Access Service for the completion of calls from an IC premises to an End User premises.

Transmission Path

Denotes an electrical path capable of transmitting signals within the range of the service offering. A voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Trunk

Denotes a communications path connecting two switching systems in a network used in the establishment of an end-to-end connection.

Trunk Group

Denotes a set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

Denotes the connection of a transmission path to the trunk side of a local exchange switching system.

V and H Coordinates Method

Denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical (V) and horizontal (H) coordinates of the two points.

800 Number Portability Access Service (NPAS)

Denotes a service that includes toll-free access services using the following dialing plans: 800, 888, 877, 866, 855, 844, 833 and 822. 800, as used throughout this tariff, includes all 800-type toll-free dialing plans.

800 Service Provider

Denotes the entity that offers 800 access services to 800 subscribers.

3. CARRIER COMMON LINE ACCESS SERVICE

3.1 General Description

Carrier Common Line Access Service is utilized for the provision of intrastate telecommunications services and allows access to the Company common line facilities furnished to end users.

3.2 Service Provisioning

- A. Where the customer is provided trunk side Switched Access Service as specified in Section 6 (Switched Access Service), the Company will allow access to the Company common line facilities furnished to end users.
- B. The customer's facilities shall provide the necessary on-hook and off-hook supervision.
- C. The following items are not provided as part of Carrier Common Line Access Service:
 - Telephone number
 - Detail billing
 - Directory listings
 - Intercept arrangements

3.3 Rate Regulations

This section contains the specific regulations governing the rates and charges which apply for Carrier Common Line Access Service.

The specific rates and charges are set forth in 3.4 (Rates and Charges). Jurisdictional Report Requirements are set forth in 2.4 (Jurisdictional Reports). Ordering, rating and billing procedures as specified in 2.6 (Jointly Provided Access Service) will apply for access services where more than one exchange Company is involved.

3.3.1 Rate Elements

A. Carrier Common Line Access Charges

The Carrier Common Line rate category provides for the Company common line facilities between the customer's end user and the end user's end office.

3. CARRIER COMMON LINE ACCESS SERVICE (continued)

3.3 Rate Regulations (continued)

3.3.2 CCL Usage Rates

Usage rates for each line or trunk are rates that apply on a per unit basis, e.g., per minute of use, when a specific rate element is used. Usage charges are accumulated over a monthly period.

Carrier Common Line Access Service rates are applied to rated minutes based upon whether the minutes are classified as originating or terminating. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations.

A. Originating rates apply to:

- originating access minutes of use (excluding those to which terminating rates apply, as specified in (B) following);
- originating 500, 700, 800 and 900 access minutes of use which are reported as minutes that terminate over a Switched Access Service that is assessed terminating Carrier Common Line Access Charges. Such originating minutes must be reported as specified in 3.3.2(C) (Percent Common Line Report).

B. Terminating rates apply to:

- terminating access minutes of use;
- originating 500, 700, 800 and 900 access minutes of use for calls on which Carrier Common Line charges are not billed on the terminating end.

C. Percent Common Line Report

Customers must provide the Company with a Percent Common Line Report for originating intrastate 500, 700, 800 and 900 traffic to identify the percentage of common line terminated traffic. When the customer makes this report available to the Company in advance of billing, these minutes of use will be charged on the current bill as originating minutes of use.

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3. CARRIER COMMON LINE ACCESS SERVICE (continued)

3.3 Rate Regulations (continued)

3.3.3 Determining Chargeable Access Minutes

Chargeable access minutes are developed by the Company based upon recordings of customer traffic to end office or access tandem switches where recording capabilities exist. If such recordings are unavailable, the Company develops chargeable access minutes through the use of assumed, factored or imputed minutes. The regulations for determining the chargeable access minutes for Carrier Common Line Access Service are the same as those for Switched Access Service and are specified in 6.6.4 (Determining Chargeable Access Minutes).

3.4 Rates and Charges

3.4.1 Carrier Common Line Access Charges

	<u>Rate per Access Minute</u>
- Originating	\$0.010000
- Terminating	\$0.018133

4. RESERVED FOR FUTURE USE

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5. ORDERING FOR ACCESS SERVICE

5.1 General

This section contains the regulations and order related charges for Access Services provided in this tariff. These charges are in addition to applicable charges contained in other sections of this tariff. An access order is an order to provide the customer with Access Services or to provide modifications to existing services. Depending upon the services, facilities or service interval dates requested, one or more access orders may be required to provide the customer with access service.

Access orders are processed on a first come-first served basis. First come-first served shall be based upon the received time and date stamped by the Company on customer orders which contain the information as required for each respective service as delineated in this tariff. Customer orders shall not be deemed to have been received until such information is provided. When necessary, the Company will attempt to seek clarification on a verbal basis. The Company will initiate the order process within one working day of receipt of the customer's order.

5.2 Access Order

5.2.1 Ordering Conditions

An order for Access Service is subject to the following conditions:

- A. A customer may order any number of services of the same type and between the same premises on a single access order provided all details are for the same service (except for those for multipoint service).
- B. The customer shall provide all information necessary for the Company to provide and bill for the requested service. Such information is described in 5.2.2 (Ordering Requirements).
- C. The Company will establish a service date when the customer has provided an access order that contains the required information for each respective service. The date on which the service date is established is considered to be the application date. The Company will provide a firm order confirmation to the customer and will advise the customer of the application date and the service date.

5.2.2 Ordering Requirements

When placing an order for Access Services the customer is required to provide the following information:

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

5. ORDERING FOR ACCESS SERVICE (continued)

5.2 Access Order (continued)

5.2.2 Ordering Requirements (continued)

In addition to the information listed above, the customer shall provide, at a minimum, information for the specific services requested as described herein.

Where Access Services are jointly provided, additional regulations are set forth in 2.6 (Jointly Provided Access Services).

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

Regulations concerning the ordering of Testing Service, Additional Labor and Additional Engineering, are contained in 5.2.4 (Provision of Other Services).

A. Feature Group B (FGB) or Feature Group D (FGD) Switched Access Service

The customer shall specify the number of trunks, directionality of the service, the entry switch and the Switched Transport and Local Switching features desired. The first point of switching cannot be an end office provided by an RSS or RSM because all traffic originating from or terminating at a remote switching office must switch through its host office. When an end office is the specified entry switch, the Company will work cooperatively with the customer to determine if direct trunking to the end office will be provided.

When the customer orders trunk quantities to an access tandem, the Company may request an estimate of the amount of traffic the customer will generate to and from each end office subtending the access tandem to assist the Company in its own efforts to project further facility requirements. Traffic estimates to end offices served by remote switching offices should be uniquely identified and not included in traffic estimates to the host. The traffic type must also be specified using the categories described in 6.5.1 (Manner of Provisioning) to enable efficient provisioning and billing functions.

B. 800 Number Portability Access Service (NPAS)

Direct routing will be provided from SSP equipped end offices, i.e., end offices equipped to provide customer identification. All 800 traffic originating from end offices not equipped to provide customer identification will require routing to an access tandem where the customer identification function is available. 800 NPAS requires FGD Switched Access Service. The customer shall designate which originating FGD Switched Access Service trunk groups are to be associated with 800 NPA S. Calls originating from an Area of Service in which the Customer has not ordered sufficient originating FGD Switched Access Service will be blocked.

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5. ORDERING FOR ACCESS SERVICE (continued)

5.2 Access Order (continued)

5.2.3 Service Provisioning Intervals

The time required to provision the service (i.e., the period between the application date and the service date) is known as the service interval. Such intervals will be established in accordance with published interval guidelines and where possible, will reflect the customer's requested service date.

Access Services will be installed during Company business days. If a customer requests that installation be done outside of normally scheduled work hours, and the Company agrees to this request, the customer will be subject to applicable charges described in 7.2 (Additional Labor).

5.2.4 Provision of Other Services

A. Additional Labor

Additional Labor may be ordered with an access order concurrent with the associated Access Services. Alternatively, with the agreement of the Company, Additional Labor may subsequently be added to the access order at any time, up to and including the service date for the Access Service. When added subsequently, Design Change Charges described in 5.3.2(A) (Design Change Charge) may apply.

In addition to the rates and charges specified in this tariff for Testing Service and Additional Labor, rates and charges for the associated Access Services and ordering charges contained in this section will also apply.

B. Additional Engineering

Additional Engineering is not an ordering option but will be applied to an access order when the Company determines additional engineering is necessary to accommodate a customer request. Additional engineering will only be required as specified in 7.1 (Additional Engineering). When additional engineering is required, the customer will be notified and furnished with a written statement setting forth the justification for the additional engineering as well as an estimate of the charges. If the customer agrees to the additional engineering, a firm order will be established. If, after being notified that additional engineering of Company facilities is required, the customer does not want the service or facilities, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the additional engineering may not exceed the estimated amount by more than 10%.

The regulations for Additional Engineering as specified in 7.1 (Additional Engineering) and the rates and charges as specified in 7.4 (Rates and Charges) are in addition to the regulations, rates and charges specified in this section.

5. ORDERING FOR ACCESS SERVICE (continued)

5.3 Rate Regulations

5.3.1 Access Order Charges

A. An Access Order Charge applies, per access order, for the installation, addition, change, rearrangement or move of Access Services provided in this tariff (in addition to other applicable Access Service tariff charges) with the following exceptions:

- Nonchargeable administrative changes where so specified in this tariff;
- Access order modifications as specified in 5.3.2 (Access Order Modification Charges);
- Complete or partial disconnection of Access Services and/or features (except when a Carrier Identification Code (CIC) is deleted); and
- As specified in 6.6.2(C) (Nonrecurring Charges for Service Rearrangements) following.

B. An Access Order Charge will apply per order for access order cancellations as specified in 5.3.3 (Access Order Cancellation Charges).

C. Access Order Charges are specified in 5.4 (Rates and Charges).

5.3.2 Access Order Modification Charges

The customer may request a modification of its access order at any time prior to the service date or notification by the Company that service is available for the customer's use, whichever is later. The Company will make every effort to accommodate a requested modification when it is able to do so during normal business hours with the normal work force assigned to complete such an order. If the modification cannot be made with the normal work force during normal business hours, the Company will notify the customer. If the customer still desires the access order modification, the Company will schedule a new service date. All charges for access order modifications will apply on a per occurrence basis.

The following will be treated as a new access order (for the increased amount only) when any increase occurs in the number of:

- Switched Access Service trunks

Rate regulations for access order modification charges are specified following.

A. Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an access order which requires engineering review. An engineering review is a review by Company personnel of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes to a pending order include such things as the addition or deletion of Switched Access features, change in the type of transport termination (Switched Access only), type of channel interface or type of interface group.

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5. ORDERING FOR ACCESS SERVICE (continued)

5.3 Rate Regulations (continued)

5.3.2 Access Order Modification Charges (continued)

A. Design Change Charge (continued)

Design changes do not include a change of customer premises, end user premises, end office switch, feature group type, or Switched channel type. Changes of this nature will require the issuance of a new access order and the cancellation of the original access order with appropriate Cancellation Charges applied.

The Company will review the requested change and notify the customer whether the change is a design change, if it can be accommodated and if a new service date is required. If a change of service date is required, the Service Date Change Charge described in (B) following will also apply.

The Design Change Charge will apply on a per access order per occurrence basis, for each access order requiring a design change. Design Change Charges are specified in 5.4 (Rates and Charges).

B. Service Date Change Charge

1. A customer may request a change in the access order service date for the installation of new services or rearrangements of existing services provided the new service date is no more than 45 calendar days beyond the original service date. When such a request is made, the Company will accordingly delay the start of service and a Service Date Change Charge will apply. The application date will not change as a result of a service date change.

If a design change has been requested as described in (A) preceding, and the engineering review cannot be completed within the 45 calendar day timeframe, the new service date may exceed the original service date by more than 45 calendar days. If a service date change is necessary to accommodate a customer requested design change, both the Service Date Change Charge and the Design Change Charge apply.

In all other cases, if the customer requests a service date which exceeds the allowable service date change period previously described, the order must be cancelled by the customer. Appropriate cancellation charges will be applied. The customer must issue a new order specifying the desired service date if Access Service is still required.

5. ORDERING FOR ACCESS SERVICE (continued)

5.3 Rate Regulations (continued)

5.3.2 Access Order Modification Charges (continued)

B. Service Date Change Charge (continued)

2. A new service date may be established that is prior to the original service date if the Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, and the Company determines that additional labor or extraordinary costs are necessary to meet the earlier service date requested by the customer, the customer will be notified by the Company that an Expedited Order Charge, as specified in C. following applies. The Expedited Order Charge is in addition to the Service Date Change Charge.
3. A Service Date Change Charge is applicable on a per order per occurrence basis for each service date changed. Service Date Change Charges are specified in 5.4 (Rates and Charges).

C. Expedited Order Charge

If a customer desires that service be provided on an earlier date than that which has been established for the access order or the provision of the Access Service, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested date and that additional labor costs or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. The actual charges cannot exceed the estimate by more than 10%. If the customer instructs the Company to proceed, such additional charges will be determined and billed to the customer as follows:

1. Additional Labor Charges. To calculate the Additional Labor Charges, the Company will keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable Additional Labor Charges specified in 13.4 (Rates and Charges).
2. When the request for expediting occurs subsequent to the issuance of the access order, a Service Date Change Charge as specified in (B) preceding also applies.

D. Partial Cancellation Charge

Any decrease in the number of the following Access Services or Arrangements ordered will be treated as a partial cancellation and the charges described in 5.3.3 (Access Order Cancellation Charges) will apply.

- Switched Access Service trunks

5. ORDERING FOR ACCESS SERVICE (continued)

5.3 Rate Regulations (continued)

5.3.3 Access Order Cancellation Charges

A. Cancellation of an Access Order

A customer may cancel an access order at any time prior to (1) the service date or (2) notification by the Company that service is available for the customer's use, whichever is later. The cancellation date is the date the Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

B. When Cancellation Charges Apply

If a customer is unable to accept Access Service and the new service date requested is beyond the allowable service date change time period specified in 5.3.2(B)(1) (Service Date Change Charge), the access order will be cancelled. When the customer cancels an access order on or after the application date, a Cancellation Charge will apply as specified below in addition to any other applicable charges specified in 5.3.2 (Access Order Modification Charges).

1. For all Access Services, the Cancellation Charge equals:

- the number of business days from the access order application date through the access order cancellation date (i.e., the service interval)
- multiplied by the average daily charge
- plus the access order charge.

Notes:

- a. The service interval is the number of business days from the access order application date through the access order cancellation application date being day 1. Service installation costs incurred by the Company start on the application date.
- b. If the customer has requested a service date change beyond the original service date, the number of business days beyond the original service date are included in the service interval.
- c. Average daily charge equals installation charges plus rearrangement charges divided by the number of business days in the service interval.

C. When Cancellation Charges Do Not Apply

1. When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

5. ORDERING FOR ACCESS SERVICE (continued)

5.3 Rate Regulations (continued)

5.3.3 Access Order Cancellation Charges (continued)

C. When Cancellation Charges Do Not Apply (continued)

2. When a customer cancels an access order prior to the application date, no charges apply for the cancellation.
3. If the Company or the customer misses a service date by more than 30 days, due to circumstances over which it has no direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the access order without incurring Cancellation Charges.

5.3.4 Minimum Period Requirements

The minimum period for which Access Service is provided and for which charges are applicable is set forth in each section of this tariff.

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory. This terminology does not refer to when billing is stopped, but rather distinguishes a disconnect from a service rearrangement.

Service rearrangements may be made without a change in minimum period requirements where so specified in this tariff.

5.4 Rates and Charges

A. Access Order Charges

Switched Access Order Charge

Charge per
Access Order

\$16.00

B. Access Order Modification Charges

1. Design Change Charge

Charge per order
per occurrence

\$22.00

2. Service Date Change Charge

Charge per order
per occurrence
per service date changed

\$13.00

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6. SWITCHED ACCESS SERVICE

6.1 General Description

Switched Access Service provides a two-point communications path between a customer's premises and an end user's premises through the use of common terminating, common switching, Switched Transport facilities, and common subscriber plant of the Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where service is provided.

The provision of each feature group requires Switched Transport and the appropriate Local Switching functions. Switched Transport provides for the transmission facilities between the customer's premises and the end office switch where the customer's traffic is switched to originate or terminate traffic. Local Switching provides for the local end office switching and end user termination functions necessary to complete the transmission of the customer's communications over Switched Access facilities to and from the end users served by the local end office. Common Line is provisioned under Section 3 (Carrier Common Line Access Service). A more detailed description of the rate categories applicable to Switched Access Service, how these rate categories are applied and other service specific charges and nonrecurring charges are contained in Section 6.6 (Rate Regulations).

6.2 Feature Group Descriptions

Switched Access Service may be provided in two different feature group arrangements. These are generally differentiated by their technical characteristics and the manner in which an end user accesses them in originating calling, e.g., with or without an access code.

Feature groups are arranged for either originating, terminating or two-way calling, based on the customer's order specifications. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously.

Following are detailed descriptions of each of the available feature groups. Each feature group is described in terms of its specific physical characteristics and calling patterns.

6.2.1 Feature Group B (FGB)

A. General

1. FGB is provided as trunk side switching. The switch trunk equipment is provided with wink start address signaling or immediate dial pulse address signaling and answer and disconnect supervisory signaling. FGB switching is provided with multifrequency address signaling in both the originating and terminating directions.

6. SWITCHED ACCESS SERVICE (continued)

6.2 Feature Group Descriptions (continued)

6.2.1 Feature Group B (FGB) (continued)

A. General (continued)

2. The Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided.
3. When all FGB switching arrangements are discontinued at an end office or in a LATA, an intercept announcement is provided. This arrangement provides, for a maximum period of 90 days, an announcement that the service associated with the number dialed has been disconnected.

B. Originating FGB

1. The uniform access code for FGB switching is 950-XXXX. (The XXXX represents a unique four digit number for each access customer.) These uniform codes will be the assigned access numbers for all FGB Switched Access Service provided to the customer by the Company.
2. FGB is provided with multifrequency address signaling. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

C. Terminating FGB

1. When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Calls will also be completed to time or weather announcement services of the Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits).
2. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), exchange telephone repair service, service code 911 or 101XXXX access codes. FGB may not be switched to access another FGB or FGD in the same LATA.

6. SWITCHED ACCESS SERVICE (continued)

6.2 Feature Group Descriptions (continued)

6.2.2 Feature Group D (FGD)

A. General

1. FGD is provided at Company designated end office switches whether routed directly or via Company designated electronic access tandem switches.
2. FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start pulsing signals and answer and disconnect supervisory signaling.
3. The Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided.
4. FGD Switching is provided with inband multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

B. Originating FGD

1. The uniform access code for FGD switching is 101XXXX. (The XXXX represents a unique four digit number for each access customer.) This uniform code will be the assigned access number for all FGD Access Service provided to the customer by the Company. When the 101XXXX access codes are used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

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6. SWITCHED ACCESS SERVICE (continued)

6.2 Feature Group Descriptions (continued)

6.2.2 Feature Group D (FGD) (continued)

B. Originating FGD (continued)

2. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer. The customer's end user is not required to dial an access code for originating 800 NPAS and 500 Access provided with FGD Switched Access Service. 800 NPAS and 500 Access calls dialed with an access code will be blocked by the Company.
3. Where no access code is required, the telephone number dialed by the customer's end user shall be a seven or ten digit number for calls. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.

C. Terminating FGD

1. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Calls will also be completed to time or weather announcement services of the Company, community information services of an information service provider, and other customer's services (by dialing the appropriate codes) when such services can be reached using valid NXX codes.
2. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), exchange telephone repair service, service code 911 or 101XXXX access codes. FGD, in the terminating direction, may not be switched to access another FGB or FGD in the same LATA.

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6. SWITCHED ACCESS SERVICE (continued)

6.3 Miscellaneous Services Descriptions

6.3.1 800 Number Portability Access Service (800 NPAS)

A. General

800 NPAS is an originating offering utilizing FGD trunk side Switched Access Service for the delivery of 800 calls. 800 NPAS includes all toll-free access services using the following dialing plans: 800, 888, 877, 866, 855, 844, 833 and 822. 800 NPAS allows the Company to route 800 calls to the appropriate 800 Service Provider. 800 NPAS allows end users to originate 800 calls on a 1+ basis without the use of an access code. The 800 NPAS Provider will be identified from the dialed 800 number (e.g., 1+800+NXX-XXXX or 1+888+NXX+XXXX). The 800 Service Provider has the option of receiving the dialed 800 number (e.g., 1+800+NXX+XXXX or 1+888+NXX+XXXX) or a translated ten-digit POTS number (i.e., 1+NPA+NXX+XXXX).

When an end user originates an 800 NPAS call, the Company will determine how the call is to be routed, based on the 800 number dialed. If an 800 NPAS call originates in an end office not SSP equipped to provide the customer identification function, the call will be routed to an SSP equipped access tandem. Once the 800 NPAS Provider has been identified, the 800 call, served by the Company's SSP, will be routed to the 800 Service Provider's defined FGD trunk group.

800 NPAS provides the customer identification function required to determine the appropriate routing for an 800 number based on the geographic origination of the call, from a specific NPA/NXX, NPA, or LATA, up to any combination of the same.

800, as used throughout this tariff, includes 800, 888, 877, 866, 855, 844, 833 and 822 dialing plans. The 866, 855, 844, 833 and 822 dialing plans will be available when technically feasible and facilities permit, respectively, upon exhaust of the 800, 888 and 877 codes.

6.3.2 900 Access Service

All 900 Access Service calls will be blocked unless 900 Access Service is specifically requested by the customer, in which case it will be routed to the tandem office.

6.4 Switched Transport

Switched Transport is provided to customers of Switched Access Services for the provision of transmission facilities between the customer's premises and end office switch(es) where the customer's traffic is switched to originate or terminate communications.

6. SWITCHED ACCESS SERVICE (continued)

6.4 Switched Transport (continued)

Switched Transport provides a one-way or two-way voice frequency transmission path composed of facilities determined by the Company which permit the transport of calls in the originating direction and in the terminating direction--though not simultaneously. This voice frequency transmission path may be comprised of any form or configuration of plant capable of, and typically used in, the telecommunications industry for transmitting voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Switched Transport is ordered under the Access Order provisions set forth in Section 5 (Ordering for Access Service). Ordering provisions as set forth in 2.6 (Jointly Provided Access Services) will apply when more than one Exchange Telephone Company is involved in the provision of a Switched Transport facility. Rate elements for Switched Transport are defined in 6.6.1 (Rate Elements). Rates and nonrecurring charges for those rate elements are located in 6.7 (Rates and Charges).

6.4.1 Switched Transport Facilities

The following facilities provide the physical route a transmission path may take in transporting Switched Access communications between a customer's premises and an end office.

A. Tandem-Switched Transport Facility

A Tandem-Switched Transport facility provides the transmission path between the access tandem and an end office and includes tandem switching functions. Tandem-Switched Transport facilities include circuits provided for the common use of all customers who have requested tandem switching (from the access tandem to the end office). Tandem-Switched Transport facilities are available for use with all Switched Access services.

6.5 Service Provisioning

6.5.1 Manner of Provisioning

A. There are two major traffic categories, originating and terminating:

Originating traffic represents access capacity within a LATA for carrying traffic from the end user to the customer.

Terminating traffic represents access capacity within a LATA for carrying traffic from the customer to the end user.

B. Switched Access Service is ordered under the provisions specified in Section 5 (Ordering for Access Service). Also included in that section are charges associated with ordering Switched Access Service.

6. SWITCHED ACCESS SERVICE (continued)

6.5 Service Provisioning (continued)

6.5.2 Design and Traffic Routing of Switched Access Service

When ordering Switched Access Services, the customer must, at a minimum, specify the Switched Transport facilities to be used (Tandem-Switched Transport facility). The customer is required to specify whether the service should be provided by originating only, terminating only or two-way.

6.5.3 Design Blocking Probability

The design blocking objective for FGD will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch.

6.5.4 Testing

Two broad categories of testing are available for Switched Access services. These are: Acceptance Tests and In-Service Tests.

A. Acceptance Tests

Acceptance tests are tests that are performed during the installation of a Switched Access service. These tests are cooperative tests between the Company and the customer and they are performed at the customer's request at the time of installation. There is no charge for Acceptance Testing.

The Company will test the following parameters:

- loss
- C-notched noise
- 3-tone slope
- d.c. continuity
- operational signaling

In addition to the acceptance tests described above, Additional Cooperative Acceptance Testing, for which charges do apply, is available as described in Section 7 (Testing Services for Switched Access Service).

B. In-Service Testing

In-Service tests are tests which can be performed at the customer's request after acceptance of the Switched Access service by the customer. Charges for such tests will be determined on an individual case basis. Among the types of test that can be performed are Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing.

6. SWITCHED ACCESS SERVICE (continued)

6.5 Service Provisioning (continued)

6.5.5 Network Management

The Company maintains the right to apply protective controls (i.e., those actions, such as call gapping) which selectively cancel the completion of any traffic carried over the Company's network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Company result in the complete loss of service to the customer, the customer may be granted a credit allowance in conjunction with the regulations specified in 2.5.6 (Credit Allowance for Service Interruptions).

6.6 Rate Regulations

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

There are three types of rates and charges that apply to the various rate elements for Switched Access Service. These are nonrecurring charges, monthly recurring rates (including fixed and per mile rates) and usage rates.

Specific rates and charges are set forth in 6.7 (Rates and Charges). Requirements for jurisdictional reporting are set forth in 2.4 (Jurisdictional Report Requirements). Ordering, rating and billing procedures as specified in 2.6 (Jointly Provided Access Service) will apply for access services where more than one exchange telephone company is involved.

6.6.1 Rate Elements

The following provides a list of the various rate elements and how the rate elements are defined.

- Common Line [described in Section 3 (Carrier Common Line Access Service)]
- Tandem-Switched Transport (as described in B. following)
- Local Switching (as described in C. following)

6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.1 Rate Elements (continued)

A. Tandem-Switched Transport

The Tandem-Switched Transport rate element provides for a Tandem-Switched Transport facility as set forth in 6.4 (Switched Transport). The Tandem-Switched Transport rate element includes the transmission facilities between the Access Tandem and an end office. Tandem-Switched Transport is composed of the following sub-elements:

Tandem-Switched Transmission provides for the transmission facilities from the access tandem to the end office where calls are switched to originate or terminate. Tandem Switching Rates are set forth in 6.7.2(C) (Tandem-Switched Transport).

1. Tandem-Switched Transmission includes the transmission medium itself (e.g., wire or fiber) as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium and circuit equipment used within the network to manage the circuits at intermediate locations.
2. Tandem Switching provides for use of the Company's access tandem.

B. Local Switching

The Local Switching rate element provides for 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 local end office. When local switching functions are not used in the provision of a Switched Access service, local switching rates will not apply.

The Local Switching rate element provides for the following functions.

Common Switching - Local end office switching associated with the feature group switching arrangements.

Transport Termination - Line or trunk side arrangements which terminate the Local Transport facilities.

Line Termination - Terminations for the end user lines terminating in the local end office.

Intercept - Termination of certain calls at a Company intercept recording. The recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the new number.

6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.2 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service.) Nonrecurring charges are applicable for installation of services, installation of features, and for certain service rearrangements. In addition, an Access Order Charge may be applicable as specified in 5.3.1 (Access Order Charges).

A. Nonrecurring Charges for Installation of Service

1. Installation Charges

These nonrecurring charges apply to the installation of each feature group service (FGB and FGD), and each Switched Transport facility (Entrance Facility and Tandem-Switched Transport facility) as follows:

- For trunk side feature groups (FGB, FGD), the per trunk installation charge is applicable on a first and additional basis.
- For Switched Transport services (Entrance Facility and Tandem-Switched Transport), installation charges are applied on a first and additional basis by connection type.

B. Nonrecurring Charges for Installation of Features

1. A nonrecurring charge applies, per Carrier Identification Code (CIC), when the following features are installed, whether concurrent with or subsequent to the installation of a trunk or trunk group.
 - a. The nonrecurring charge for the following features applies on a per Carrier Identification Code (CIC), per end office basis. When tandem routed, the first end office charge always applies. For the Carrier Identification Code features when tandem routed, a tandem charge applies and is in addition to the end office charge.

Automatic Number Identification (for FGD)

Carrier Identification Code

- Establish/Add (for FGD)
- Change (for FGD)
- Delete (for FGD)
- Establish/Add (for FGB)
- Change (for FGB)
- Delete (for FGB)

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6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.2 Nonrecurring Charges (continued)

B. Nonrecurring Charges for Installation of Features (continued)

1. (continued)

- b. When the following features are installed for a trunk group, the nonrecurring charge applies per trunk group.

Automatic Number Identification (for FGB)
Trunk Access Limitation

- c. The nonrecurring charge for the following feature applies only when the feature is ordered subsequent to the CIC installation. When applicable, the nonrecurring charge is assessed on either a per tandem or a per end office basis. When tandem routed, only the tandem charge applies. When end office routed, only the end office charge applies.

Up to 7 Digits Outpulsing (for FGB)

C. Nonrecurring Charges for Service Rearrangements

Service rearrangements are changes to existing services which do not result in either (1) a change in the minimum period requirements, or (2) a change in the physical location of the point of termination.

Changes which result in (1) the establishment of new minimum period obligations are treated as a discontinuance of the existing service and an installation of a new service and all applicable nonrecurring charges will apply. Changes in (2) the physical location of the point of termination are treated as moves and are described and charged for as specified in 6.6.8 (Moves).

A change in the customer of record (i.e., existing Access Service is provided and billed to a different entity) is considered a service rearrangement when the new customer assumes liability for all current and prior charges for the service(s) and has complied with the regulations and conditions specified in 2.2 (Assignment and Transfer of Facilities). An Access Order Charge will apply when a change of customer name or a change in billing data (name, address, contact name, or telephone number) is requested in conjunction with a change in the customer of record as described in 5.3.1 (Access Order Charges).

6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.2 Nonrecurring Charges (continued)

C. Nonrecurring Charges for Service Requirements (continued)

When a customer requests one or more of the following service rearrangements, nonrecurring charges will apply as follows.

1. The following administrative changes will be made without charge to the customer, except where noted:
 - Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes its name)
 - Change of customer's or customer's end user premises address when the change of address is not a result of a physical relocation of the service
 - Change in billing data (name, address, contact name or telephone number)
 - Change in agency authorization
 - Change of customer's or customer's end user contact name or contact telephone number
 - Change in jurisdiction
 - Change of transport service type designation (switched to special or vice versa) that does not require a physical change to the service
2. When a customer requests the following administrative changes, a nonrecurring charge will apply on a per trunk group or per connection type basis when adding or changing the feature subsequent to the installation of the trunk. If more than one change is requested on the same Access Order, only one charge will apply per trunk group.
 - Change of Access Carrier Name Abbreviation (ACNA)
 - Change of Customer Circuit Identification (CKR)
3. Except as specified in 6.6.8 following, rearrangements of trunks or Switched Transport facilities will be treated as a discontinuance of the existing service and an installation of a new service and all applicable nonrecurring charges will apply as specified in 6.7 (Rates and Charges).

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6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.2 Nonrecurring Charges (continued)

C. Nonrecurring Charges for Service Requirements (continued)

4. All other changes to existing services will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charges described in A. preceding (Nonrecurring Charges for Installation of Service) will apply for this work activity.

6.6.3 Monthly Recurring and Usage Rates

Monthly rates (including fixed and per mile rates) are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have thirty (30) days.

Usage rates for each line or trunk are rates that apply on a per unit basis (e.g., per call, per access minute or per access minute per mile) when a specific rate element is used. Usage charges are accumulated over a monthly period.

A. Switched Transport

1. Tandem-Switched Transport

Tandem-Switched Transport is provided with the following sub-elements:

- Tandem-Switched Transmission/Common Transport
- Tandem Switching

2. Tandem-Switched Transport

a. Tandem-Switched Transmission/Common Transport

Tandem-Switched Transmission/Common Transport has two rates: a per access minute of use rate and a per access minute of use per mile rate. The per access minute of use rate applies to the non distance sensitive portion of the Tandem-Switched Transport for the termination of both ends of the facility. The per access minute of use per mile rate applies to the distance sensitive portion of the Tandem-Switched Transport facility. When the mileage for Tandem-Switched Transmission/Common Transport is zero, the per mile rate will not apply.

6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.3 Monthly Recurring and Usage Rates (continued)

A. Switched Transport (continued)

b. Tandem Switching

A per access minute of use rate applies to each Tandem-Switched Transport facility for the switching functions provided by the access tandem.

B. Local Switching

The local switching usage charge is a per minute of use charge that applies to a customer's total intrastate switched access minutes of use.

C. 800 Number Portability Access Service (NPAS)

The following rate elements are applicable to 800 NPAS:

1. 800 NPAS Query

The 800 NPAS Query rate applies per call for each 800 query received at the Company SCP that returns a valid carrier identification code providing the appropriate routing information of that call and results in the delivery of the 800 call to the customer.

2. Call Handling and Destination

The Call Handling and Destination rate applies per Call Handling and Destination query and will be in addition to the 800 NPAS Query charge.

The 800 NPAS rate elements will be billed to the customer utilizing FGD/Switched Access Service for the delivery of 800 calls.

6.6.4 Determining Chargeable Access Minutes

Chargeable access minutes are developed by the Company based upon recordings of customer traffic to end office or access tandem switches where recording capabilities exist. If such recordings are unavailable, the Company develops chargeable access minutes through the use of assumed minutes, recorded minutes which have been factored or imputed minutes.

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6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.4 Determining Chargeable Access Minutes (continued)

A. FGB Access Minutes

When recording originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination (indicating that the customer's equipment has answered). The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office (indicating that the originating end user has disconnected), or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office (indicating that the terminating end user has answered). The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office (indicating that the terminating end user has disconnected), or the customer's point of termination, whichever is recognized first by the entry switch.

B. FGD Access Minutes

1. When recording originating calls over FGD with multifrequency address signaling, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office (indicating that the originating end user has disconnected), or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD with multifrequency address signaling, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office (indicating that the terminating end user has answered). The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office (indicating that the terminating end user has disconnected), or the customer's point of termination, whichever is recognized first by the entry switch.

2. When recording originating calls over FGD with SS7 signaling, usage measurement begins with the transmission of the initial address message by the switch for direct trunk groups and with the receipt of an exit message by the switch for tandem trunk groups. The measurement of originating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

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6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.4 Determining Chargeable Access Minutes (continued)

B. FGD Access Minutes (continued)

2. (continued)

For terminating calls over FGD with SS7 signaling, the measurement of access minutes begins when the terminating recording switch receives answer supervision from the terminating end user. On directly routed trunk groups or on tandem routed trunk groups, the Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

6.6.5 Determining Switched Transport Mileage and Charges

A. Determining Switched Transport Mileage

The mileage to be used to determine the monthly rate for Tandem Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport service originates or terminates and the Access Tandem. Where applicable, the V&H coordinates method is used to determine mileage. This method is described in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4, Wire Center and Interconnection Information.

An exception to the mileage measurement rules is as follows:

1. Host-Remote

When Tandem-Switched Transport is provided to a host-remote arrangement, mileage for Tandem-Switched Transmission is calculated using the V&H coordinates of the tandem and the host office. Mileage for Host/Remote Transmission is calculated using the V&H Coordinates of the host office and the remote switching system or remote switching module where the call originates or terminates.

(N)

(N)

B. Determining Switched Transport Mileage Charges

To determine the rate to be billed, compute the mileage, and apply the rate shown in 6.7 (Rates and Charges). If the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rate.

6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)Missouri Public
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6.6.4 Determining Chargeable Access Minutes (continued)

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B. FGD Access Minutes (continued)

2. (continued)

For terminating calls over FGD with SS7 signaling, the measurement of access minutes begins when the terminating recording switch receives answer supervision from the terminating end user. On directly routed trunk groups or on tandem routed trunk groups, the Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

6.6.5 Determining Switched Transport Mileage and Charges

A. Determining Switched Transport Mileage

The mileage to be used to determine the monthly rate for Tandem Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport service originates or terminates and the Access Tandem. Where applicable, the V&H coordinates method is used to determine mileage. This method is described in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4, Wire Center and Interconnection Information.

B. Determining Switched Transport Mileage Charges

To determine the rate to be billed, compute the mileage, and apply the rate shown in 6.7 (Rates and Charges). If the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rate.

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6. SWITCHED ACCESS SERVICE (continued)

6.6 Rate Regulations (continued)

6.6.6 Minimum Period Charges

Switched Access Service is provided for a minimum period of one month. The charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity.

6.6.7 Change of Feature Group Type

Changes from one type of feature group to another will be treated as a discontinuance of one type of service and a start of another.

6.6.8 Moves

Upon receipt of written notice from the customer, the Company will add, delete or change locations or features of specific lines and equipment. The Company will charge the customer a nonrecurring charge for such service on an individual case basis. In the event that in excess of 10% of the lines and equipment that were installed are deleted, customer will be subject to the Company's standard termination charges.

6.7 Rates and Charges

6.7.1 Switched Transport

A. Tandem-Switched Transport

1. Tandem-Switched Transmission/Common Transport

Rate per Access Minute	\$0.003985
Rate per Access Minute per Mile	\$0.00003

2. Tandem Switching

Rate per Access Minute	\$0.001000
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6. SWITCHED ACCESS SERVICE (continued)

6.7 Rates and Changes (continued)

6.7.1 Switched Transport (continued)

B. Feature Group Installation

	<u>Nonrecurring Charge</u>
FGB First Trunk	\$152.00
FGB Additional Trunk, each	\$54.00
FGD First Trunk	\$160.00
FGD Additional Trunk, each	\$54.00

6.7.2 Local Switching

Rate per Access Minute

A. Local Switching Usage	\$0.008464
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Nonrecurring Charge

B. Common Switching Features

1. Automatic Number Identification (ANI)

FGB, per trunk group	\$35.00
FGD, first end office	\$54.00
FGD, additional end office	\$31.00

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6. SWITCHED ACCESS SERVICE (continued)

6.7 Rates and Changes (continued)

6.7.2 Local Switching (continued)

B. Common Switching Features (continued)

2. Carrier Identification Code

a. Establish or Add

FGB, first end office	\$41.00
FGB, add'l end offices	\$20.00
FGB, per tandem	\$55.00
FGD, first end office	\$54.00
FGD, add'l end offices	\$31.00
FGD, per tandem	\$54.00

b. Change

FGB, first end office	\$31.00
FGB, add'l end offices	\$12.00
FGB, per tandem	\$45.00
FGD, first end office	\$54.00
FGD, add'l end offices	\$31.00
FGD, per tandem	\$54.00

c. Delete

FGB, first end office	\$31.00
FGB, add'l end offices	\$12.00
FGB, per tandem	\$45.00
FGD, first end office	\$54.00
FGD, add'l end offices	\$22.00
FGD, per tandem	\$54.00

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6. SWITCHED ACCESS SERVICE (continued)

6.7 Rates and Changes (continued)

6.7.3 800 Number Portability Access Service (NPAS)

	<u>Rate Per Query</u>
A. 800 NPAS Query	\$0.0031
B. Call Handling and Destination	\$0.0003

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

Section 7 addresses Additional Engineering, Additional Labor and Miscellaneous Services. The specific rates and charges for these activities are set forth in Section 7.4 (Rates and Charges).

For the purposes of Section 7 the terms "Basic Time," "Overtime" and "Premium Time" are defined as follows:

- Basic Time - Work related efforts of the Company performed during normally scheduled working hours.
- Overtime - Work related efforts of the Company performed outside of a normally scheduled work day.
- Premium Time - Work related efforts of the Company performed outside of a normally scheduled work week.

7.1 Additional Engineering

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

- A customer requests additional technical information after the Company has already offered routinely provided technical information.

The Company will notify the customer that Additional Engineering Charges will apply before any additional engineering is undertaken.

Additional Engineering Charges apply on a first and additional basis for each half hour or fraction thereof. If more than one engineer is involved in the same additional engineering project, the total amount of time for all engineers involved will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories.

7.2 Additional Labor

Additional Labor is that labor requested by the customer on a given service and agreed to by the Company as set forth in 7.2.1 through 7.2.4 following.

The Company will notify the customer that Additional Labor Charges as set forth in 7.4 (Rates and Charges) will apply before any additional labor is undertaken. Additional Labor Charges apply on a first and additional basis for each half hour or fraction thereof. If more than one technician is involved in the same Additional Labor Project, the total amount of time for all technicians involved will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories.

A call-out of a Company employee for Additional Labor at a time not consecutive with the Company's Business Day is subject to a minimum charge of four hours, i.e., when Overtime and/or Premium Time charges apply.

For Testing and Maintenance Services, if the customer elects not to release a circuit during the Company's Business Day, the Company will work with the customer to reach a mutually agreed upon time.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.2 Additional Labor (continued)

7.2.1 Overtime Installation

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

7.2.2 Stand By

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

7.2.3 Testing and Maintenance with Other Telephone Companies

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

7.2.4 Other Labor

Other Labor is that additional labor not included in 7.2.1 through 7.2.3 preceding, and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff.

7.3 Miscellaneous Services

7.3.1 Presubscription

A. General Description

Presubscription is an arrangement whereby an end user customer of the Company or a local service provider that resells services of the Company (herein referred to as customer) for Telephone Exchange Service lines and/or trunks and Centrex lines (herein referred to as customer), or the person or persons who have legal authority to give the Company permission to place public and semipublic pay telephones on their premise(s) and who control access to or usage of the public or semipublic pay telephones, (herein referred to as agent) may select and designate to the Company an interexchange carrier (IC) to access, without dialing an access code, for intraLATA and interLATA calls. This IC is referred to as the customer's or agent's primary IC.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.1 Presubscription (continued)

A. General Description (continued)

Each IC will have one or more access codes assigned to it for its various types of service. When a customer or agent selects an IC as its primary IC, only one access code of that IC may be incorporated into the switching system of the Company permitting access to that IC by the customer or agent without dialing an access code.

Should a customer or agent wish to use other services of the same IC it will be necessary for the customer or agent to dial the necessary access code(s) to reach that IC's other service(s).

At the time a customer or agent advises the Company of its primary IC, it will be necessary for the customer or agent to inform the Company which IC access code, if the IC has more than one access code, the customer or agent will predesignate.

B. Rate Regulations

1. If a customer or agent selects a primary IC at the time they place an order with the Company for Telephone Exchange Service, Switched Access Service, Centrex Service, or public or semipublic pay telephone service, the Company will send the customer or agent a confirmation notice identifying the primary IC selected by the customer or agent. There will be no charge for the initial selection of a primary IC nor for the identification of an IC different from that given verbally at the time the customer or agent placed the order if the customer or agent contacts the Company after confirmation to change selection. A Presubscription Change Charge will apply to any subsequent changes to the customer's or agent's primary IC.

If new customers do not make a selection when they place their order for Telephone Exchange Service, Switched Access Service or Centrex Service, they will be allowed a six-month period from installation of their service to select a primary IC at no charge. New agents are required to make a selection when they place their order for public or semipublic pay telephone service. A Presubscription Change Charge will apply for any subsequent selection.

A Presubscription Change Charge will apply for any change made to the customer's primary IC after the six-month period has expired.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.1 Presubscription (continued)

B. Rate Regulations (continued)

2. Single line customers or agents, or multiline customers requesting a Presubscription change to only one line will incur the per line change charge. Multiline customers that request a Presubscription change to more than one line in a single request will incur the per line change charge for the first line and the supplemental line change charge for each additional line.
3. Centrex customers have the capability to change their primary IC for a single Centrex line, multiple Centrex lines or the Centrex Group. A Centrex Group defines a group of Centrex facilities (i.e., lines, trunks, attendant features, etc.) with a common dialing pattern. A customer may have multiple Centrex Groups.

Centrex customers requesting a Presubscription change to only one line will incur the per line change charge. When a Centrex customer wishes to make a Presubscription change to multiple lines and does so with a single request, the per line change charge will apply to the first line and the supplemental line change charge will apply to each additional line. Centrex customers that request a Presubscription change to their Centrex Group will incur the per Centrex Group change charge for each Centrex Group changed and a Centrex Group line change charge for each line in the Centrex Group that does not have an individual primary IC assigned to it.

4. Nonrecurring charges for Presubscription changes are set forth in 7.4.3 following. If nonrecurring charges for Presubscription exist in Company Intrastate Access Service Tariffs and the Interstate Access Service Tariff, the total charge to the customer or agent will be calculated based on one half of the Intrastate charge and one half of the Interstate charge.
5. The Company will make changes in the customer's or agent's primary IC assignment pursuant to an IC provided list of customers or agents accepted by the Company under a Limited Blanket Agency Agreement. ICs should obtain a signed Letter of agency on all of their customers' or agents' PIC changes. The nonrecurring charges for post-conversion Presubscription and Presubscription change(s) will apply as set forth in 7.4.3 following.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.1 Presubscription (continued)

B. Rate Regulations (continued)

6. If a customer or agent choice discrepancy occurs, and the IC is unable to produce a Letter of Authorization (LOA), the customer's or agent's account will be credited for an amount equal to the nonrecurring Presubscription Change Charge as set forth in 7.4.3 following. The IC will be billed the applicable nonrecurring Presubscription Change Charges billed to the customer or agent resulting in the dispute as set forth in 7.4.3 following and the nonrecurring Unauthorized PIC Change Charge(s) as set forth in 7.4.3 following for restoring the customer's or agent's original IC assignment. The Unauthorized PIC Change Charge applies to all lines, with the exception of coin which is separately identified.
7. PIC Switchback is an option under which no investigation activities are performed by the Company when a business or residence end user customer denies requesting a PIC change previously submitted by an IC participating in PIC Switchback.

PIC Switchback is available to all ICs who participate in the Presubscription process and have a Limited Blanket Agency Agreement for submitting PIC orders on file with the Company. In addition, ICs must provide written notification to the Company of their desire to participate in PIC Switchback.

When the Company is notified by a business or residence end user who denies requesting a PIC change within 90 days from when the PIC change was made and provided the IC participates in this option, the Company will restore the end user to their previous IC at no charge. Additionally, the end user will be credited the PIC change charge(s) assessed by the Company for the disputed PIC change.

The participating IC who initiated the disputed PIC change will be billed the PIC change charge(s) credited to the end user's account, as well as the PIC change charge(s) to change the end user back to their previous IC. A Letter of Authorization will not be requested from the IC nor accepted at a later date under the PIC Switchback option. ICs participating in the PIC Switchback option will be assessed the applicable Presubscription Change Charge(s), as set forth in 7.4.3(A).

The Presubscription Unauthorized PIC Change rates, as set forth in 7.4.3(C), will continue to apply to ICs choosing not to participate in PIC Switchback.

This option does not relieve the IC of the F.C.C. and the Commission requirements for verifying all PIC orders obtained by telemarketing prior to submitting orders to the Company and for instituting steps to obtain LOAs on all PIC orders submitted to the Company. In addition, the end user has the option of initiating a complaint to the F.C.C. concerning unauthorized PIC changes.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.2 Maintenance of Service

- A. If trouble occurs with a customer's service, the customer should first determine whether the trouble is in the customer's own equipment and/or facilities. If the customer determines the trouble is in the Company's equipment and/or facilities, the customer should issue a trouble report to the Company.
- B. When a customer issues a trouble report to the Company for clearance and no trouble is found in the Company's equipment and/or facilities, the customer shall be responsible for payment of a Maintenance of Service Charge for the period of time when Company personnel are dispatched. No charge will apply if Company personnel fail to find trouble in Company equipment and/or facilities and the trouble is actually in the equipment and/or facilities, but not discovered on the initial dispatch.
- C. The customer shall be responsible for payment of a Maintenance of Service Charge when the Company dispatches personnel, and the trouble is in equipment or communications systems provided by other than the Company or in detariffed CPE provided by the Company, unless covered under a separate maintenance agreement.
- D. If the customer issues a trouble report allowing the Company access to the customer's or the customer's end user(s) premises and the Company personnel are dispatched but denied access to the premises, then the Maintenance of Service Charge will apply for the period of time that Company personnel are dispatched. Subsequently, if the Company personnel are allowed access to the premises, provisions in B. and C. preceding will apply.
- E. In either B., C. or D. preceding, the Maintenance of Service Charge shall include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.
- F. Maintenance of Service Charges apply on a first and additional basis for each half hour or fraction thereof. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories.

A call-out of a Company employee at a time not consecutive with the Company's Business Day is subject to Overtime and/or Premium Time.
- G. No credit allowance will be applicable for the interruption involved if the Maintenance of Service charge applies.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.3 Access Services Billing

A. Access Services Billing Information

Billing for access services is done monthly. Bills for access service are rendered by CIC, by state and by OCN. Both a primary and secondary bill are available to the Customer as outlined in (1) and (2) following. (T)
(T)

Primary and secondary bills are provided to the customer's designated billing address according to the type of media selected by the customer. (T)
(T)

Charges for Access Services Billing are located in Section 7.4 (Rates and Charges). If charges for Access Services Billing exist in the Company's Intrastate Access Service Tariffs and its Interstate Access Service Tariff, the total charge to the customer will be calculated based on one half of the intrastate charge and one half of the interstate charge. If charges for Access Services Billing exist only in the Company's Interstate Access Services Tariff, full interstate charges will apply.

1. Primary Bill (N)

One primary bill is provided to each Customer at no charge. For access billing, the Customer's primary bill may be provided by one of the following media:

- electronic data transmission
- floppy disk
- magnetic tape
- CD-ROM
- Paper

For all media other than paper, the Customer and the Company will discuss and, to the extent technically feasible, mutually agree upon the medium specifications prior to issuance of the first primary bill.

Once billing has begun, the Customer may request to change the medium on which the primary bill is provided. The Access Billing Change Charge set forth in 6.4 will apply for each request to change the medium on a per billing period basis. (N)
(M)

(M) Testing Services text moved to Original Sheet 65.1

7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)Missouri Public
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7.3.3 Access Services Billing

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A. Access Services Billing Information

Billing for access services is done monthly. Bills for access service are rendered by CIC, by state.

Bills are transmitted in paper format to the customer's designated billing address according to the type of media selected by the customer.

Charges for Access Services Billing are located in Section 7.4 (Rates and Charges). If charges for Access Services Billing exist in the Company's Intrastate Access Service Tariffs and its Interstate Access Service Tariff, the total charge to the customer will be calculated based on one half of the intrastate charge and one half of the interstate charge. If charges for Access Services Billing exist only in the Company's Interstate Access Services Tariff, full interstate charges will apply.

7.3.4 Testing Services for Switched Access Services

In-Service Testing will be offered, subject to availability, at the customer's request. Charges will be determined in an individual case basis. Testing will be done in direct response to problems reported by customers. Elimination of service problems will be at no charge to the customer.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.3 Access Services Billing (continued)

(N)

A. Access Services Billing Information (continued)

2. Secondary Bill

At the Customer's request, a secondary bill, in addition to the Customer's primary bill, will be provided. Charges for the provision of a secondary bill are set forth in Section 6.4 following.

The secondary bill will contain the same billing detail as the primary bill and may be requested in one of the following media formats:

- electronic data transmission
- floppy disk
- magnetic tape
- CD-ROM
- Paper

For all media other than paper, the Customer and the Company will discuss and, to the extent technically feasible, mutually agree upon the medium specifications prior to issuance of the first secondary bill.

Once billing has begun, the Customer may request to change the medium on which the secondary bill is provided. The Access Billing Change Charge set forth in Section 6.4 will apply for each request to change the medium on a per billing period basis.

(N)

7.3.4 Testing Services for Switched Access Services

(M)

In-Service Testing will be offered, subject to availability, at the customer's request. Charges will be determined in an individual case basis. Testing will be done in direct response to problems reported by customers. Elimination of service problems will be at no charge to the customer.

(M)

(M) Testing Services text was previously located on Original Sheet 65.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.3 Miscellaneous Services (continued)

7.3.5 Billing Name and Address Service

A. General Description

Billing Name and Address (BNA) Service is provided by the Company to intrastate service providers. BNA Service provides the customer with billing name and address information of an end user in the Company's billing records. BNA Service is not to be used for purposes other than for billing and collecting the amount due for telecommunications services from the Company's end user.

The service allows for a customer to submit the end user's ten-digit Automatic Number Identification (ANI) to the Company mechanically. The Company, upon receipt of the customer's request, will process the ANI. If the BNA information is available within the Company's billing records, the Company will produce a mechanized report of the associated BNA information in paper format.

B. Rate Regulation

This section contains the specific regulations governing the rates and charges that apply for BNA Service. Specific rates and charges are set forth in 7.4 (Rates and Charges). Jurisdictional Reporting Requirements for BNA Service are set forth in 2.4 (Jurisdictional Report Requirements).

1. Base Charge

A base charge will be assessed per report requested.

2. BNA Usage

A BNA Usage rate applies on a per ten-digit ANI request basis. Each request is subject to the BNA Usage rate, regardless if the requested telephone number is available.

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.4 Rates and Charges

7.4.1 Additional Engineering

<u>Additional Engineering Periods</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time	\$75.99	\$21.40
Overtime	79.33	74.24

7.4.2 Additional Labor

<u>Additional Labor Periods</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
A. Installation		
- Overtime	\$58.01	\$3.42
- Premium Time	61.42	6.83
B. Stand by		
- Basic Time	None	\$18.49
- Overtime	None	21.91
- Premium Time	None	25.32
C. Testing and Maintenance with Other Telephone Companies or Other Labor		
- Basic Time	\$73.08	\$18.49
- Overtime	76.50	21.91
- Premium Time	79.91	25.32

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES
(continued)

7.4 Rates and Charges (continued)

7.4.3 Presubscription

	<u>Nonrecurring Charge</u>
A. Presubscription Change Charge	
Residence/Business:	
- per line change charge	\$ 6.65
- per supplemental line change charge	1.52
Centrex:	
- per group change charge	6.65
- per group supplemental line change charge	0.47
B. Presubscription Change Charge for Mergers/ Separation/Consolidation of Operations	
- per line change charge	0.50
C. Presubscription Unauthorized PIC Change Charge	
Residence/Business:	
- per line change charge	17.00
- per supplemental line change charge	6.00
Public and Semi-Public Coin:	
- per line change charge	63.00
- per supplemental line change charge	16.00

7.4.4 Maintenance of Service

<u>Maintenance of Service Periods</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>	
- Basic Time	\$ 82.00	\$50.35	
- Overtime	96.00	64.25	
- Premium Time	109.90	78.15	
- Other Labor			(N)
Additional copies of any invoice or record.	\$ 50.00		
Charge is per invoice or record.			(N)

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.4 Rates and Charges (continued)

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7.4.3 Presubscription

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Nonrecurring Charge

A. Presubscription Change Charge

Residence/Business:

- per line change charge \$ 6.65
- per supplemental line change charge 1.52

Centrex:

- per group change charge 6.65
- per group supplemental line change charge 0.47

B. Presubscription Change Charge for Mergers/
Separation/Consolidation of Operations

- per line change charge 0.50

C. Presubscription Unauthorized PIC Change Charge

Residence/Business:

- per line change charge 17.00
- per supplemental line change charge 6.00

Public and Semi-Public Coin:

- per line change charge 63.00
- per supplemental line change charge 16.00

7.4.4 Maintenance of Service

Maintenance of Service Periods	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
- Basic Time	\$ 82.00	\$50.35
- Overtime	96.00	64.25
- Premium Time	109.90	78.15

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.4 Rates and Charges (continued)

7.4.5 Billing Name and Address Service

	<u>Rate Per Request</u>
A. Base Charge	
Per report requested	\$55.00
B. BNA Usage	
Per 10-Digit ANI Requested	\$ 0.30

7.4.6 Access Service Billing Information		(N)
A. Access Billing Change Charge	\$7.25	
B. Secondary Bill		
Electronic data transmission (per transmission)	\$82.76	
Floppy disk (per disk)	82.76	
Magnetic Tape (per tape)	82.76	
CD-ROM (per CD)	82.76	
Paper (per invoice)	82.76	(N)

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7. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (continued)

7.4 Rates and Charges (continued)Missouri Public
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7.4.5 Billing Name and Address Service

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Rate Per Request

A. Base Charge

Per report requested

\$55.00

B. BNA Usage

Per 10-Digit ANI Requested

\$ 0.30

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