

REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES  
GOVERNING THE PROVISION OF SWITCHED ACCESS SERVICES  
FOR CONNECTION TO COMMUNICATIONS FACILITIES WITHIN  
THE STATE OF MICHIGAN

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Issued: May 10, 2002

Effective: June 10, 2002

Issued By:

Mark Jozwiak  
Executive Vice President  
820 West Jackson Boulevard, 6th Floor  
Chicago, Illinois 60607

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CHECK SHEET

The Sheets are effective as of the date shown. Revised pages as named below contain all changes from the original tariff that are in effect on the date thereof.

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

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

- C To signify changed regulation or rate structure.
- D To signify discontinued material.
- I To signify a increased rate.
- N To signify a new rate or regulation.
- R To signify a reduced rate.

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APPLICATION

This tariff applies to intrastate access service supplied to customers for origination and termination of traffic to and from Central Office codes directly assigned to Company.

This tariff applies only to the extent services provided hereunder are used by a customer for the purpose of originating or terminating intrastate communications. A communication is "intrastate" only if all end user premises at which the communication originates or terminates are located within the State of Michigan.

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## DEFINITIONS

Certain terms used generally throughout this tariff are described below.

### Access Services

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

### Advance Payment

Part or all of a payment required before the start of service.

### Company

Access One, Inc., the issuer of this tariff.

### Customer

The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with the Company's regulations.

### End Office

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

### End User

A person or entity that subscribes to any Access One, Inc. Exchange Access Service offered under the Company's Tariff Michigan P. S. C. No. 2002-1, Section 4, and that has been assigned one or more telephone number( s) within a central office code (NPA-NXX) directly assigned to the Company.

### LATA

A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F. C. C. No. 4.

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## DEFINITIONS

### Recurring Charges

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

### Service Commencement Date

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

### Service Order

The written request for access services executed by the Customer and the Company in the format devised by the Company. The signing of a service Order by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date. Should a customer use the Company's access service without an executed Service Order, the Company will then request the customer to submit a Service Order.

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DEFINITIONS

Shared

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

User

A Customer or any other person authorized by the Customer to use service provided under this tariff.

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## REGULATIONS

### 2.1 Undertaking of the Company

#### 2.1.1 Scope

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

#### 2.1.2 Shortage of Facilities

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

#### 2.1.3 Terms and Conditions

- (A) Service is provided on the basis of a minimum period of at least one month, 24-hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- (B) Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customer will also be required to execute any other documents as may be reasonably requested by the Company.

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REGULATIONS

2.1 Undertaking of the Company (cont'd.)

2.1.3 Terms and Conditions (cont'd)

- (C) This tariff shall be interpreted and governed by the laws of the State of Michigan without regard for its choice of laws provision.

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REGULATIONS

2.1 Undertaking of the Company (cont'd.)

2.1.4 Liability of the Company

- (A) Except as stated in this Section 2.1.4, the Company shall have no liability for damages of any kind arising out of or related to events, acts, rights or privileges contemplated in this tariff. This tariff does not limit the liability of the Company for willful misconduct.
  
- (B) The liability of the Company for damages resulting in whole or in part from or arising in connection with the furnishing of service under this tariff, including but not limited to mistakes, omissions, interruptions, delays, errors or other defects or misrepresentations shall not exceed an amount equal to five times the initial period charge provided for under this tariff for any call for the period during which the call was affected. No other liability in any event shall attach to the Company.

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REGULATIONS

2.1 Undertaking of the Company (cont'd.)

2.1.4 Liability of the Company (cont'd.)

- (C) The Company shall not be liable for any failure of performance hereunder due to causes beyond its control, including but not limited to acts of God, fires, flood or other catastrophes; failure of utility services; any law, order, regulation, directive, action or request of the United States Government, or any other government, including state and local governments having jurisdiction over the Company, or of any department, agency, commission, bureau, corporation or other instrumentality of any one or more of said governments, or of any civil or military authority; national emergencies, insurrections, riots, wars or other labor difficulties.
  
- (D) The Company shall not be liable for any act or omission of any other entity furnishing to the Customer facilities, equipment, or services used with the Company's access services. Nor shall the Company be liable for any damages or losses due to unauthorized use or the service or the failure or negligence of the Customer or due to the failure of the Customer-provided equipment, facilities or services.

2.1.5 Claims

The Company shall be indemnified and saved harmless by the Customer from and against all loss, liability, damage and expense, including reasonable counsel fees, due to claims of libel, slander, or infringement of copyright in connection with the material transmitted over the Company's facilities; and any other claim resulting from any act or omission of the Customer or patron( s) of the Customer relating to the use of the Company's services or facilities.

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REGULATIONS

2.1 Undertaking of the Company (cont'd.)

2.1.6 Provision of Equipment and Facilities

- (A) Except as otherwise indicated, customer-provided station equipment at the Customer's premises for use in connection with this service shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Company.
  
- (B) The company shall not be responsible for the installation, operation or maintenance of any Customer-provided communications equipment. Where such equipment is connected to service furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of services under this tariff and to the maintenance and operation of such services in the proper manner. Subject to this responsibility, the company shall not be responsible for:
  - (1) the through transmission of signals generated by Customer-provided equipment or for the quality of, or defects in, such transmission; or
  - (2) the reception of signals by Customer-provided equipment; or
  - (3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

2.1.7 Ownership of Facilities

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

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## REGULATIONS

### 2.2 Prohibited Uses

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

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## REGULATIONS

### 2.3 Obligations of the Customer

#### 2.3.1 Customer Premises Provisions

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

#### 2.3.2. Liability of the Customer

The Customer will be liable for damages to the facilities of the Company caused by negligence or willful acts of its officers, employees, agents or contractors of the Customer where such negligence or willful acts is not the direct result of the Company's negligence.

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## REGULATIONS

### 2.3 Obligations of the Customer (cont'd.)

#### 2.3.3 Jurisdictional Report Requirements

- (A) For Feature Group B Switched Access Service( s) for both interstate and intrastate use, the projected interstate percentage of use must be provided by the customer in a whole number to the Company. The Company will designate the number obtained by subtracting the projected interstate percentage of use from 100 (100 -projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use. In addition, the projected percentage of intrastate use which is intraLATA must also be provided. When a customer orders Feature Group B Switched Access Service, the customer shall state, in its order, the projected Percent Interstate Usage (PIU) factor for Feature Group B Switched Access Service group ordered.

For Feature Group D Switched Access Service( s), the Company, where jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows. For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the Feature Group D, Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction. For terminating access minutes, the customer has the option to provide the Telephone Company with a projected PIU factor. Customers who provide a PIU factor shall supply the Telephone Company with an interstate percentage of Feature Group D terminating access minutes for each account to which the customer may terminate traffic.

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REGULATIONS

2.3 Obligations of the Customer (cont'd.)

2.3.3 Jurisdictional Report Requirements (cont'd.)

(A) (cont'd.)

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

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

If the Customer has no originating traffic within the end office for which sufficient call detail exists to develop a PIU factor, and the Customer has not supplied a PIU factor on either the quarterly update report or the Access Service Request, the Company will designate a PIU factor of 75% for Feature Group B or Feature Group D terminating access minutes. For originating 800 access minutes, where the call detail is insufficient to determine the jurisdiction of the call, the customer shall provide the Company with a projected PIU factor. If such a PIU has not been provided for 800 access minutes, the Company will designate the default PIU factor of 75%. This factor will be applied to the next billing cycle and continue until the Customer provides a PIU factor. When the Customer does provide the PIU factor, the Company will update the customer's PIU factors within fifteen (15) business days.

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REGULATIONS

2.3 Obligations of the Customer (cont'd.)

2.3.3 Jurisdictional Report Requirements (cont'd.)

- (B) For purposes of developing the projected interstate percentage, the customer shall consider every call that enters the customer's network at a point within the same state as the state where the called station is located to be intrastate and every call that enters the customer's network at a point in a state different from the state in which the called station is located to be interstate.
- (C) These whole number percentages will be used by the Company to apportion the use, rates, and/ or nonrecurring charges between interstate and intrastate until a revised report is received.

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REGULATIONS

2.3 Obligations of the Customer (cont'd.)

2.3.3 Jurisdictional Report Requirements (cont'd.)

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

The number of access minutes for a group will be multiplied by the projected interstate percentage of use to determine the interstate access minutes. (i. e., number of access minutes x projected interstate percentage of use = interstate access minutes). The number of interstate access minutes so determined will be subtracted from the total number of access minutes (i. e., number of access minutes - interstate access minutes = intrastate access minutes). The interstate access minutes for the group will be billed as set forth in Section 4, following.

- (E) Effective on the first of January, April, July and October of each year, the customer may update the jurisdictional reports that require a projected interstate percentage. The customer shall forward to the Company, to be received no later than 20 calendar days after the first of each such month, a revised report showing the interstate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate and intrastate use. Except as set forth in Section 2.3.3( A) preceding where jurisdiction can be determined from the recorded message detail, the revised report will serve as the basis for the next three months billing and will be effective on the bill date in the following month (i. e., February, May, August, and November) for that service. No prorating or back billing will be done based on the report. If the customer does not supply the report, the Company will assume the percentage to be the same as that provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Company will assume the percentage to be the same as that provided in the order for service as set forth in Section 2. 3.3( A) preceding.

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## REGULATIONS

### 2.3 Obligations of the Customer (cont'd.)

#### 2.3.3 Jurisdictional Report Requirements (cont'd.)

- (F) The customer reported projected interstate percentage of use as set forth in Section 2.3.3(A) preceding will be used for the apportionment of any monthly rates or nonrecurring charges associated with Feature Groups B or D Switched Access Service until the end of the quarter during which the service was activated.

Thereafter, a projected interstate percentage for such apportionment will be developed quarterly by the Company based on the data used to develop the projected interstate percentage of use as set forth in Section 2.3.3( A) preceding. Where call detail is insufficient to make such a determination, the customer will be requested to project a interstate percentage of use to be used by the Company for such apportionment.

- (G) The customer shall keep sufficient detail from which the percentage of interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once per year. The customer shall supply the data within 30 calendar days of the Company request.
- (H) The customer may provide an additional percentage of interstate use to Entrance Facility and Direct Trunked Transport subject to the reporting requirements previously listed in this section. This percentage of interstate use may be provided per individual facility or at the billing account level. Should the customer not provide a percentage of interstate use, the Company will use the reported Feature Group B or Feature Group D aggregated percentage of interstate use.

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## REGULATIONS

### 2.4 Customer Equipment and Channels

#### 2.4.1 Interconnection of Facilities

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

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REGULATIONS

2.4 Customer Equipment and Channels (cont'd.)

2.4.2 Inspections

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

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REGULATIONS

2.5 Customer Deposits and Advance Payments

2.5.1 Deposits

- (A) To safeguard its interests, the Company may require a Customer to make a deposit to be held as a guarantee for the payment of charges. A deposit does not relieve the Customer of the responsibility for the prompt payment of bills on presentation. The deposit will not exceed an amount equal to:
  - (1) two month's charges for a service or facility which has a minimum payment period of one month; or
  - (2) the charges that would apply for the minimum payment period for a service or facility which has a minimum payment period of more than one month; except that the deposit may include an additional amount in the event that a termination charge is applicable.
- (B) A deposit may be required in addition to an advance payment.
- (C) When a service or facility is discontinued, the amount of a deposit, if any, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company may at its option, return the deposit or credit it to the Customer's account.

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REGULATIONS

2.5 Customer Deposits and Advance Payments (cont'd.)

2.5.1 Deposits (cont'd.)

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

2.6 Payment Arrangements

2.6.1 Payment for Service

- (A) The Customer is responsible for payment of all charges for facilities and services furnished by the Company. Federal, state and local sales, use and excise taxes, where applicable, shall be added to the charges contained herein. It shall be the responsibility of the Customer to pay these taxes that may subsequently become applicable retroactively.
- (B) Bills are due and payable upon receipt. If the Customer's net bill is not paid (payment received by the Company) within twenty-one (21) days after rendition of the invoice it shall become a delinquent bill and interest at the lesser of (1) the rate of one and one-half percent (1.5%) per month or (2) the highest rate allowed by law per month shall accrue upon any unpaid amount due hereunder.

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REGULATIONS

2.6 Payment Arrangements (cont'd)

2.6.1 Payment for Service (cont'd.)

- (C) The Customer will be assessed a charge of ten dollars (\$ 10.00) for each check submitted by the Customer to the Company which a financial institution refuses to honor for insufficient funds or a non-existent account.
- (D) The customer shall notify the Company of any disputed items on an invoice within 30 days of receipt of the invoice. If the Customer and the Company are unable to resolve the dispute to their mutual satisfaction, the Customer may file a complaint with the Michigan Public Service Commission in accordance with the Commission's rules of procedure. The address of the Commission is as follows:

Michigan Public Service Commission  
6545 Mercantile Way  
PO Box 30221 Lansing, MI 48909  
Phone: (517) 334-6445  
(800) 292-9555

- (E) If service is disconnected by the Company in accordance with section 2.6.3 following and later restored, restoration of service will be subject to all applicable installation charges.

2.6.2 Taxes

All federal excise taxes, and state and local sales, use, and similar taxes, as well as federal and state surcharges imposed or collected by the National Exchange Carrier Association, are the responsibility of the user, are billed as separate line items and are not included in the quoted rates.

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REGULATIONS

2.6 Payment Arrangements (cont'd.)

2.6.3 Discontinuance of Service for Cause

- (A) Upon nonpayment of any amounts owing to the Company, the Company may, by giving 24 hours prior written notice to the Customer, discontinue or suspend service without incurring any liability.
- (B) Upon violation of any of the other material terms or conditions for furnishing service the Company may, by giving 30 days' prior notice in writing to the Customer, discontinue or suspend service without incurring any liability if such violation continues during that period.
- (C) Upon condemnation of any material portion of the facilities used by the Company to provide service to a Customer or if a casualty renders all or any material portion of such facilities inoperable beyond feasible repair, the Company, by notice to the Customer, may discontinue or suspend service without incurring any liability.

2.6.4 Notice to Company for Cancellation of Service

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

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## REGULATIONS

### 2. 6 Payment Arrangements (cont'd)

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

Provisions on meet point billing arrangements are forthcoming

#### 2.6.6 Changes in Service Requested

If the Customer makes or requests material changes in circuit engineering, equipment specifications, service parameters, premises locations, or otherwise materially modified any provision of the application for service, the Customer's installation fees shall be adjusted according to the type of the Service Order charge.

#### 2.6.7 Customer Overpayment

The Company will pay interest on a Customer overpayment. Customer overpayment shall mean a payment to the Company in excess of the correct charges for service when caused by erroneous billing by the Company. The rate of interest shall be the unadjusted interest rate paid on Customer deposits or the late payment penalty rate, whichever is greater. Interest shall be paid from the date when the Customer overpayment was made, adjusted for any changes in the deposit interest rate or late payment penalty rate, and compounded monthly, until the date when the overpayment is refunded. No interest shall be paid on Customer overpayments that are refunded within thirty (30) days after such overpayment is received by the Company.

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## REGULATIONS

### 2.7 Allowances for Interruptions in Service

Interruptions in service, which are not due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer as set forth in 2.7.1 for the part of the service that the interruption affects.

#### 2.7.1 Credit for Interruptions

- (A) A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff. An interruption period begins when the Customer reports a service, facility or circuit to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- (B) For calculating credit allowances, every month is considered to have 30 days. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.

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REGULATIONS

2.7 Allowances for Interruptions in Service (cont'd.)

2.7.1 Credit for Interruptions (cont'd.)

- (B) A credit allowance will be given for interruptions of 30 minutes or more. Credit allowances shall be calculated as follows:

Interruptions of 24 Hours or Less

<u>Length of Interruption</u>	<u>Interruption Period To be Credited</u>
Less than 30 minutes	None
30 minutes up to but not including 3 hours	1/10 Day
3 hours up to but not including 6 hours	1/5 Day
6 hours up to but not including 9 hours	2/5 Day
9 hours up to but not including 12 hours	3/5 Day
12 hours up to but not including 15 hours	4/5 Day
15 hours up to but not including 24 hours	One Day

Two or more interruptions of 15 minutes or more during any one 24-hour period shall be considered as one interruption.

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REGULATIONS

2.7 Allowances for Interruptions in Service (cont'd)

2.7.1 Credit for Interruptions (cont'd.)

(B) (cont'd.)

Interruptions Over 24 Hours and Less Than 72 Hours.

Interruptions over 24 hours and less than 72 hours will be credited 1/5 day for each 3-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

Interruptions Over 72 Hours.

Interruptions over 72 hours will be credited 2 days for each full 24-hour period. No more than 30 days credit will be allowed for any one month period.

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REGULATIONS

2.7 Allowances for Interruptions in Service (cont'd.)

2.7.2 Limitations on Allowances

No credit allowance will be made for:

- (A) interruptions due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common carrier providing service connected to the service of the Company;
- (B) interruptions due to the negligence of any person other than the Company, including but not limited to the Customer or other common carriers connected to the Company's facilities;
- (C) interruptions due to the failure or malfunction of non-Company equipment;
- (D) interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
- (E) interruptions of service during a period in which the Customer continues to use the service on an impaired basis;
- (F) interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements; and
- (G) interruption of service due to circumstances or causes beyond the control of Company.

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REGULATIONS

2.7 Allowances for Interruptions in Service (cont'd)

2.7.3 Cancellation For Service Interruption

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

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## REGULATIONS

### 2.8 Application of Rates

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

#### 2.8.1 Charges Based on Duration of Use

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

For originating calls over Feature Group B or D, usage measurement begins when the originating Feature Group B or D switch receives the first wink supervisory signal forwarded from the Customer's point of termination.

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

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

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## REGULATIONS

### 2.8 Application of Rates (cont'd.)

#### 2.8.1 Charges Based on Duration of Use (cont'd)

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

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

#### 2.8.2 Rates Based Upon Distance

- (A) The airline distance between any two Rate Centers is determined as follows:
- (1) Obtain the "V" and "H" coordinates for each Rate Center from the above-referenced NECS tariff.
  - (2) Compute the difference between the "V" coordinates of the two rate centers; and the difference between the two "H" coordinates.
  - (3) Square each difference obtained in step (2) above.
  - (4) Add the square of the "V" difference and the square of the "H" difference obtained in step (3).
  - (5) Divide the sum of the squares by 10. Round to the next higher whole number if any fraction is obtained.

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REGULATIONS

2.8 Application of Rates (cont'd)

2.8.2 Rates Based Upon Distance (cont'd)

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

2.8.3 Mileage

The mileage to be used to determine the Local Transport Facility monthly rates are calculated on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving were center. The V& H coordinates method is used to determine mileage. This method is set forth in Section 2.28.2

The Local Transport Facility mileage rates are shown in Section 4.1.3 in terms of per mile per access minute. To determine the rate to be billed, first compute the mileage. Should the calculation result in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then multiply the mileage by the appropriate Local Transport Facility rate. The amount to be billed shall be the product of this calculation (i. e., the number of miles multiplied by the per mile rate) multiplied by the number of access minutes.

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## SERVICE AND RATE DESCRIPTIONS

### 3.1 Access Services

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer's premises (or a collocated interconnection location) and an end user's premises. It provides for the use of common terminating, switching and trunking facilities. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises (or a collocated interconnection location) and to terminate calls from a customer's premises (or a collocated interconnection location) to an end user's premises in the LATA where it is provided. Switched Access Service must be ordered separately for each LATA in which the Customer desires to originate or terminate calls.

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

FGB Access, which is available to all customers, provides trunk side access to Company end office switches with an associated uniform 950-XXXX access code for the customer's use in originating and terminating communications.

FGD Access, which is available to all customers, provides trunk side access to Company end office switches with an associated uniform 10XXX access code for the customer's use in originating and terminating communications. End users may also originate calls to a selected FGD Access customer without dialing the 10XXX access code by using the Company's presubscription service.

Local Access Service, which is available only to customers that are authorized providers of local exchange telephone service, provides trunk side access to Company end office switches in the terminating direction only, for the customer's use in terminating local calls dialed to an NPA-NXX code directly assigned to the Company.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order

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

- (A) For Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired and the Local Transport and Local Switching options desired. When ordering FGB trunks to an end office, the customer must also provide the Company an estimate of the amount of traffic to be generated to and/ or from each end office subtending an access tandem operated by another Exchange Telephone Company to assist the Company in the effort to project further facility requirements.

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

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## SERVICE AND RATE DESCRIPTIONS

### 3.1 Access Services (cont'd.)

#### 3.1.1 Access Service Order (cont'd.)

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

In addition, for Feature Group D with the SS7 signaling option, the customer shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 signaling option, and the STP point codes, signaling link codes and link type for each Common Channel Signaling Access (CCSA) connection ordered.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

- (C) For 800 Data Base Access Service, the customer shall order the service in accordance with the preceding provisions set forth for Feature Group D. If the customer desires any of the optional features available with 800 Data Base Service, the customer shall so specify on the order for service.
- (D) When a customer orders collocation in an end office with Company provided Switched Access Service( s), the customer must specify the collocated fiber option facilities or microwave interconnection location involved. The customer must also specify the particular end office location involved, which must be the end office in which the Switched Access Service( s) originate or terminate.
- (E) For Local Access Service, the customer shall specify the number of trunks or facilities and the end office when direct routing to the end office is desired and the options desired. When ordering trunks or facilities to an end office, the customer must also provide the Company an estimate of the amount of traffic to be generated to and/ or from each end office subtending an access tandem operated by another Exchange Telephone Company to assist the Company in the effort to project further facility requirements. In addition, when the customer orders trunks or facilities, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals

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

- Standard Interval
- Negotiated Interval
- Advance Order Interval

(A) Standard interval

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

<u>Trunks Groups</u>	<u>Standard Interval</u>
1 to 4 Trunks	28 Days
5 Trunks or Greater	30 Days

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals (cont'd.)

(B) Negotiated Interval

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

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

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals (cont'd.)

(B) Negotiated Interval (cont'd.)

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

The addition and/ or deletion of an 800 Access Service six digit customer identification NXX is provided with a Negotiated Interval. The addition of an 800 Access Service ten digit customer identification record to the 800 Access Service data base or the deletion of an 800 Access Service ten digit customer identification record from the 800 Access Service data base is provided with a Negotiated Interval.

Maximum Interval

Initial establishment of  
service where customer is:

- |                                                               |          |
|---------------------------------------------------------------|----------|
| -Not yet provided with any<br>Trunk Group service in the LATA | 6 months |
| -Provided Trunk Group service in the LATA                     | 90 Days  |

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals (cont'd)

(C) Advance Order Interval

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

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

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

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals (cont'd.)

(C) Advance Order Interval (cont'd.)

(1) Advance Payment

A nonrefundable Advance Payment will be calculated as follows:

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.1 Access Order Service Date Intervals (cont'd)

(C) Advance Order Interval (cont'd.)

(1) Advance Payment (cont'd.)

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

(2) Cancellation or Partial Cancellation of an Advance Order Interval Access Order

When the customer cancels an Access Order, the order will be withdrawn. The Advance Payment will not be credited or refunded.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.2 Access Order Modifications

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

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

(A) Service Date Change Charge.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.2 Access Order Modifications (cont'd.)

(A) Service Date Change Charge (cont'd.)

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service data changed. The applicable charge is found in Section 4.1.1.

(B) Partial Cancellation Charge

Any decrease in the number of ordered Switched Access Service lines, trunks or busy hour minutes of capacity ordered with a Standard or Negotiated Interval Access order will be treated as a partial cancellation and the charges as set forth in Section 3.1.1.3 following will apply. Partial cancellation charges do not apply to Advance Order Interval Access Orders.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.2 Access Order Modifications (cont'd)

(C) Design Change Charge

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

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is found in Section 4.1.1.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.2 Access Order Modifications (cont'd.)

(D) Expedited Order Charge

When placing an Access Order for service(s) for which Standard Intervals exist, a customer may request a service date that is prior to the Standard Interval service date. A customer may also request an earlier service date on a pending Standard, Negotiated or Advance Order Interval Access Order. If the Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply.

If the Company receives a request for an expedited service date at the time a Standard Interval Access Order is placed, the Expedited order Charge is calculated by summing all the nonrecurring charges associated with the order and then dividing this total by the number of days in the Standard Interval. The charge is then applied on a per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.3 Cancellation of an Access Order

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

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

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.3 Cancellation of an Access Order

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.4 Minimum Period

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

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

- (1) A move to a different building.
- (2) A change in type of service.
- (3) A change in Switched Access Service Interface Group.
- (4) Change in Switched Access Service traffic type.
- (5) A change in STP Access link.
- (6) A change in STP Port.
- (7) Change in Company-provided Switched Access Service to a Collocated Interconnection arrangement or vice versa.
- (8) Change to an existing Feature Group D Service to include the provision of 64 kbps Clear Channel Capability.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.1 Access Service Order (cont'd.)

3.1.1.4 Minimum Period Charges

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

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

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

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories

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

- Carrier Common Line
- Local Transport
- End Office

(A) Carrier Common Line

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

(1) Limitations

- (a) A telephone number is not provided with Carrier Common Line.
- (b) Detail billing is not provided for Carrier Common Line.
- (c) Directory listings are not included in the rates and charges for Carrier Common Line.
- (d) Intercept arrangements are not included in the rates and charges for Carrier Common Line.
- (e) All trunk side connections provided in the same combined access group will be limited to the same features and operating characteristics.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(A) Carrier Common Line (cont'd.)

(2) Undertaking of the Telephone Company

Where the customer is provided with Switched Access Service under this tariff, the Company will provide the use of Company common lines by a customer for access to end users at rates and charges as set forth in Section 4.1.2 following.

(3) Obligations of the Customer

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

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

(4) Common Channel Signaling Access Exemption

The Common Channel Signaling Access Signal Transfer Point (STP) Port Termination charge, as set forth in Section 4 following, is not subject to a Carrier Common Line charge.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(A) Carrier Common Line (cont'd.)

(5) Rate Regulations

- (a) The Carrier Common Line charges will be billed per access minute to each Switched Access Service customer.
- (b) When the customer reports interstate and intrastate use of Switched Access Service, the Carrier Common Line charges will be billed only to intrastate interLATA and/ or intraLATA Switched Access Service access minutes based on the date reported by the customer set forth in Section 2.3.3 preceding.

(B) Local Transport

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

Except as stated in the following paragraph, Local Transport service is provided in conjunction with Ameritech Michigan. Charges for local Transport services are computed in accordance with Section 2.6.5 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved). For purposes of determining Local Transport mileage, distance will be measured from the wire center that normally serves the customer's premises to the end office switch(es).

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

The Company will provide Direct Trunked Transport between a Customer's premises and the Company's end office switch(es) upon request. At the customer's option, Entrance Facility, Direct Trunked Transport and STP Link Transport, may be provided by the Company, by the Customer, or by another carrier. If Direct Trunked Transport facilities are terminated at a Company end office switch location by a customer, Entrance Facility Termination charges as described in 3.1.2(B)(1) will apply, but no other Local Transport elements will be charged. Where Common Channel Signaling Access is ordered by a customer that uses Direct Trunked Transport facilities, the STP Port charge as described in 3.1.2(B)(5) will also apply.

The following paragraphs describe the Local Transport rate elements.

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

(1) Local Transport-Entrance Facility

A Local Transport-Entrance Facility provides the communication path between a customer's premises and the Company serving wire center of that premises for the sole use of the customer. The Local Transport-Entrance Facility is provided as High Capacity DS1 and DS3 service. A Local Transport-Entrance Facility is required whether the customer's premises and the servicing wire center are located in the same or different buildings.

(2) Local Transport-Common Switched Transport

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

(3) Local Transport-Direct Trunked Transport

The Local Transport-Direct Trunked Transport provides the transmission path from the serving wire center of the customer's premises to an end office or as an option from the serving wire center to a tandem. This transmission path is dedicated to the use of a single customer.

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

(4) Local Transport-Interconnection Charge

The Local Transport-Interconnection Charge provides for interconnection with the Company's Switched Access network. This rate element will be applied to all Switched Access minutes of use (except Local Exchange Access Service) that originate or terminate at a Company end office.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

(5) Competitive Pricing Arrangements

Competitive pricing arrangements for Local Transport-Entrance Facilities and Local Transport-Direct Trunked Transport can be furnished to meet the communication needs of specific customers on a case by case basis under individual contracts. Contract rates will be priced above cost for the service, and such costs will be filed with the Public Service Commission under proprietary agreement. The competitive pricing arrangement contracts, once executed, will be filed with the Public Service Commission under proprietary agreement.

(6) Local Transport Facilities

High Capacity DS1 and DS3 facilities are available for Local Transport-Entrance Facilities and for Local Transport-Direct Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

(7) Common Channel Signaling Access

Common Channel Signaling Access (CCSA) is comprised of a STP Port Termination rate and a STP Link Transport rate.

The STP Port Termination rate provides for the point of termination to the signal switching capability of the STP.

The STP Link Transport rate provides for the transmission facilities between the serving wire center of the customer designated premises and the Company STP. STP Link Transport may be provided by an Interconnector that has a collocated interconnection node in a wire center or other location where one of the Company's STP's is located.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(B) Local Transport (cont'd.)

(8) Interface Groups

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

Interface Group 1 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) End Office

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

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

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.3 Other Rate Categories

(A) Local Exchange Access Service

1) Definition

As used in this section, "local exchange call" means a telephonic communication (a) that is originated by a company that is authorized by the appropriate regulatory agency to provide local exchange telephone service, (b) that originates and terminates within a single "exchange area" or "local calling area" as defined in the approved tariffs of the originating company, and (c) that is dialed to an NPA-NXX code directly assigned to the Company in the State of Michigan.

2) Description

Local Exchange Access Service is a service offering providing trunk side access to the Company's end office switches in the terminating direction only, for use by authorized providers of local exchange telephone service for the completion of local exchange calls that originate in local calling areas of adjoining states and terminate in the state of Michigan.

3) Obligation of the Local Exchange Provider

(a) The Company may request an annual audit of the authorized local exchange provider billings for Local Exchange Access Services (calls originating from the Company's end-user to the authorized local exchange provider's end-user). The audit requirement is needed to ensure accurate billing between local exchange calls and non-local exchange calls.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd)

3.1.3 Other Rate Categories (cont'd)

(A) Local Exchange Access Service (cont'd)

3) Obligation of the Local Exchange Carrier (cont'd)

- (b) The authorized local exchange provider will be requested to provide a forecast of total usage by each trunk group or facility ordered from the Company for each POI used in a Local Exchange Access Service arrangement.

4) Rating of Local Exchange Access Service

For billing purposes, Local Exchange Access Service calls originating from an authorized local exchange provider and terminating on the Company's network (for completion to a Company end user) will be rated at the Company's end office.

5) Rate Regulations

Local Exchange Access Service will consist of the following rate categories.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.3 Other Rate Categories (cont'd.)

(A) Local Exchange Access Service (cont'd.)

5) Rate Regulations (cont'd.)

(a) Terminating Usage

The Terminating Usage rate will be applied on a per minute-of-use basis for the completion of calls from an authorized local exchange provider end-user to a Company end-user.

(b) Entrance Facility

Entrance Facility provides the communication path between an authorized local exchange provider's POI and the Company's end office for the sole use of the authorized local exchange provider. The Entrance Facility rates are billed on a monthly recurring and non-recurring basis as specified in Section 4.1.3(A) of this tariff. A Customer may use a single Entrance Facility in conjunction with Local Exchange Access Service and other Switched Access Services. The Company shall require the Customer to file a Percentage of Local Usage (PLU) report which should, upon ordering Entrance Facilities from the Company, be revised on a quarterly basis.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.3 Other Rate Categories (cont'd.)

(A) Local Exchange Access Service (cont'd.)

5) Rate Regulations (cont'd.)

(c) Service Orders

The Service Order changes as specified in Section 4.1.1 of this tariff will apply on a per order basis.

(d) Other Standard Charges

Standard charges set forth in 3.1.2 do not apply to Local Access Service, except for the specific rate elements identified in (b) and (c) above.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.3 Other Rate Categories (cont'd)

(B) 800 Data Base Access Service

1) Description

800 Data Base Access Service is a service offering utilizing originating trunk side Switched Access Service. The service provides for the forwarding of end user dialed 800 calls to a Company Service Switching Point which will initiate a query to the data base to perform the customer identification and delivery function. The call is forwarded to the appropriate customer based on the dialed 800 number. In addition, the customer has the option of selecting the 800 Optional Features Package.

2) Customer Identification and Delivery Charge

The 800 Data Base Access Service Customer Identification and Delivery Charge applies for the identification of the appropriate customer and delivery of the dialed 800 ten-digit number. The charge is assessed to the customer on a per query basis and may include an area of service which may range from a single NPA/NXX to an area consisting of all LATAs and NPAs in the State of Michigan.

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SERVICE AND RATE DESCRIPTIONS

3.1 Access Services (cont'd.)

3.1.3 Other Rate Categories (cont'd.)

(B) 800 Data Base Access Service (cont'd.)

3) 800 Optional Features Package

The 800 Optional Features Package, available only with 800 Data Base Access Service, provides feature functionality in addition to the basic query. The feature package may include various destination options such as POTS Translation, carrier selection, time of day routing, day of week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

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SERVICE AND RATE DESCRIPTIONS

3.2 Miscellaneous Services

3.2.1 Presubscription

- (A) Presubscription is an arrangement whereby an end user may select and designate to the Company an interexchange carrier (IC) to access, without an access code, for intrastate interLATA calls. For the purposes of this tariff, an "IC" includes any entity authorized by the Michigan Public Service Commission to provide or to resell intrastate, intercity communications services. This IC is referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select the Company as its PIC, or may select any other IC that orders originating Feature Group D Switched Access Service either to the Company's end office location or to an authorized local exchange carrier's tandem that sub-tends the Company's end office. After the end user's initial selection of a predesignated IC, for any additional change in selection, a non-recurring charge, as set forth in Section 4, applies.
- (B) At the request of a new or existing end user served by a Feature Group D end office, the Company will provide a list of ICs the end user may select as its PIC. At no additional charge for the initial selection, the customer may choose either of the following options.
- Designate an IC as a PIC and dial 10XXX or 1010XXX to reach other ICs.
  - Designate that they do not want to be presubscribed to any IC and choose to dial 10XXX or 1010XXX for all calls to all ICs.
  - New end users subscribing to the Company's Exchange Access Service which do not specify a PIC will default to a no PIC choice as their initial PIC selection. Subsequent to the installation of Exchange Access Service, and after the end user's initial selection of a PIC, for any additional change in selection, a non-recurring charge set forth in Section 4.2.1 applies. This charge may be either billed to the end user which is the subscriber to the Exchange Access Service, or upon request by the designated IC, billed to the IC on behalf of the end user.

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SERVICE AND RATE DESCRIPTIONS

3.2 Miscellaneous Services (cont'd.)

3.2.2 Unauthorized PIC Changes

If an IC requests a Primary Interexchange Carrier (PIC) change on behalf of a billed party (e. g., an end user), and the billed party subsequently denies requesting the change, and the IC is unable to substantiate the change with a letter of authorization signed by the billed party; then:

- The billed party will be reassigned to their previously selected IC. No charge will apply to the billed party for this reassignment.
- The Unauthorized Presubscription Change Charge as set forth in Section 4.2.1 will apply to the IC that requested the unauthorized PIC change. This charge is applied in addition to the PIC change charge set forth in Section 4.2.1 following.

3.2.3 Expedited PIC Switchback Service

This service provides an expedited method of handling a disputed PIC change on behalf of the end user or its authorized agent.

- If the change has occurred within the past 90 days, the end user or its authorized agent will be credited the PIC change charge assessed for the disputed change in PIC, and will be immediately switched back to the former PIC at no charge to the end user.
- The PIC Switchback Charge as set forth in Section 4.2.1 will apply to the IC that requested the PIC Switchback charge to expedite the switchback to the end user's or its authorized agent's former PIC. This charge is applied in addition to the PIC change charge set forth in Section 4.2.1 following.

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SERVICE AND RATE DESCRIPTIONS

3.2 Miscellaneous Services (cont'd.)

3.2.4 Expanded Interconnection Service

(A) General

Expanded Interconnection is a service which permits customers to interconnect their transmission facilities to the Company's network through a direct cross-connection within the Company's end office location. The Company will provide expanded interconnection for DS1 (1.544 Mbps) and DS3 (44.736 Mbps) channels.

This service is provided on an optional basis in lieu of Entrance Facility, as described in 3.1.2(b) preceding. All other access service rates and charges for all service elements ordered by the Customer, as set forth in other section of this tariff, continue to apply.

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SERVICE AND RATE DESCRIPTIONS

3.2 Miscellaneous Services (cont'd.)

3.2.4 Expanded Interconnection Service (cont'd)

(B) Regulations

Expanded Interconnection Service provides a DS1 or DS3 cross-connection between the Customer's transmission facilities and the Company's equipment at an end office location. The Customer is responsible for installing and maintaining its own transmission facilities and terminating equipment. The Customer's equipment must be compatible with industry-standard digital cross-connect (DSX-1 and DSX-3) parameters.

The Company will be responsible for the installation, maintenance, and operation of its equipment and of the cross-connection cable between the two sets of equipment.

The regulations herein are in addition to the terms and conditions specified in 3.1 preceding, Access Services.

(C) Rate Regulations

Recurring charges for cross-connects are set forth in 4.2.2 following.

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RATES

4.1 Access Rates

4.1.1 Service Orders

		<u>Nonrecurring Charge Per Line or Trunk</u>
A)	Service Implementation	
	(1) Installation Charge	N/ A
	(2) Access Order Charge -Per Access Request	N/ A
	(3) Engineering Charge -Per 1-24 Trunks	ICB
B)	Service Date Change	\$20.47
C)	Design Change (DS1)	\$60.00
	Design Change (DS3)	\$75.00

4.1.2 Carrier Common Line

		<u>Per Access Minute</u>
A)	Originating	\$0.000000
B)	Terminating	\$0.000000

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport

A) Entrance Facility

	<u>Nonrecurring</u> <u>Charges</u>		<u>Monthly</u> <u>Recurring</u>	
	<u>First</u>	<u>Add'l</u>	<u>First</u>	<u>Add'l</u>
1) DS1				
-Per Point of Termination			\$231.00	\$231.00
-Installation Charge	\$325.00	\$325.00		
-Rearrangement	\$325.00	\$325.00		
2) DS3				
-Per Point of Termination			*	*
-Installation Charge	*	*		
-Rearrangement	*	*		

\* DS3 Entrance Facility and Direct Trunked Transport rates will be developed on an Individual Case Basis.

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport (cont'd.)

B) Common Switched Transport

Per Access Minute

1)	Local Transport Termination	\$0.000144
2)	Local Transport Facility	\$0.000022
3)	Local Transport Multiplexing	\$0.000021

C) Direct Trunked Transport

<u>Facility Mileage</u>	<u>Non-Recurring</u>	<u>Monthly Rate</u>	<u>Per Mile</u>
DS1	\$175.00		\$13.55
Zone 1		31.85	
Zone 2		32.24	
Zone 3		32.51	
Zone 4		32.78	
Zone 5		33.20	
DS3	*	*	*

\* DS3 Entrance Facility and Direct Trunked Transport rates will be developed on an Individual Case Basis.

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport (cont'd.)

D)	<u>Access Tandem Switching</u>	<u>Per Access Minute</u>	
	Zone 1	\$0.001098	
	Zone 2	\$0.001131	
	Zone 3	\$0.001135	
	Zone 4	\$0.001268	
	Zone 5	\$0.001819	
E)	<u>Shared Multiplexing</u>	<u>Per Access Minute</u>	
		\$0.000038	
F)	<u>Interconnection Charge</u>	<u>Per Access Minute</u>	
		\$0.000000	
G)	<u>Network Blocking Charge</u>	<u>Per Access Minute</u>	
	-Per Call Blocked <sup>1</sup>	\$. 0010880	
H)	<u>Common Channel Signaling Access</u>	<u>Monthly</u>	<u>Nonrecurring</u>
1)	STP Port Termination Per Port	N/A	N/A
2)	STP Link Transport	N/A	N/A

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<sup>1</sup> Applies to FGD only

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport (cont'd.)

I) NonChargeable Optional Features

Nonrecurring

- |    |                                                         |      |
|----|---------------------------------------------------------|------|
| 1) | SS7 Signaling Option Conversion<br>-Per Trunk Converted | N/ A |
| 2) | Change in Point Code<br>-Per Trunk                      | N/ A |

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport (cont'd.)

I) Nonchargeable Optional Features (cont'd.)

3) Supervisory Signaling

DX Supervisory Signaling arrangement  
-Per Transmission Path

SF Supervisory Signaling arrangement  
-Per Transmission Path

E& M Type I Supervisory Signaling arrangement  
-Per Transmission Path

E& M Type II Supervisory Signaling arrangement  
-Per Transmission Path

E& M Type III Supervisory Signaling arrangement  
-Per Transmission Path

4) Customer specification of the receive transmission level at the first point of switching within a range acceptable to the Company (available with FGB) -Per Transmission Path

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RATES

4.1 Access Rates (cont'd.)

4.1.3 Local Transport (cont'd.)

I) Nonchargeable Optional Features (cont'd.)

- 5) Customer specification of Local Transport Termination  
Four-wire termination in lieu of two-wire termination (available  
with FGB)  
-Per Transmission Path
- 6) Signaling System 7  
-Per signaling connection arranged
- 7) 65 kbps Clear Channel Capability  
-Per Transmission Path
- 8) 64 Clear Channel Capability  
-Per Channelized DS1

		<u>Monthly</u>	<u>Nonrecurring Initial</u>	<u>Subsequent</u>
1)	Superframe Format (SF)	None	None	None
2)	Extended Superframe Format (ESF)	None	None	None

J) Chargeable Optional Features

- 1) Multiplexing Options  
-Per Transmission Path

		<u>Monthly</u>	<u>Nonrecurring Initial</u>	<u>Subsequent</u>
1)	DS3 to DS1 Per Arrangement	\$450.00	None	None
2)	DS1 to Voice Per Arrangement	\$275.00	None	None

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RATES

4.1 Access Rates (cont'd.)

4.1.4 End Office

- 1) Local Switching

	<u>Per Access Minute</u>
FGA & FGB	\$0.003569
FGC & FGD	\$0.003569
Common Trunk Port	\$0.000337
  
- 2) Shared Trunk Port

	<u>Per Access Minute</u>
	\$0.000337
  
- 3) Common Switching Chargeable Optional Features

Automatic Number Identification/  
(available with FGB and FGD)  
-Per Transmission Path Group

Up to seven Digit Outpulsing of Access  
Digits to Customer  
(available with FGB)  
-Per Transmission Path Group

Service Class Routing  
(available with FGD)  
-Per Transmission Path Group

Alternate Traffic Routing  
(available with FGD)  
-Per Transmission Path Group

International Carrier Option  
(available with FGD)  
-Per End Office and Access Tandem

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RATES

4.1 Access Rates (cont'd.)

4.1.4 End Office (cont'd.)

Local Switching (cont'd.)

3) Common Switching Chargeable Optional Features (cont'd.)

Automatic Number Identification/ SS7 Charge Number	<u>Rate</u>
-Per Attempt	N/ A

4) Common Switching Non-Chargeable Optional Features

SS7 Signaling Option  
-Calling Party Number  
(available with FGD)

-Carrier Selection Parameter  
(available with FGD)

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RATES

4.1 Access Rates (cont'd.)

4.1.4 End Office (cont'd.)

Local Switching (cont'd.)

5) Trunk Side Transport Termination Non-Chargeable Options

Standard Trunk for Originating, Terminating or Two-Way Operation  
(available with FGB and FGD)

Rotary Dial Station Signaling Trunk  
(available with FGB)

Operator Trunk, Full Feature Arrangement  
(available with FGD)

Operator Trunk, Assist Feature  
(available with FGD)

6) SS7 Signaling Option

Calling Party Number  
(available with FGD)

Charge Number  
(available with FGD)

Carrier Selection Parameter  
(available with FGD)

Access Transport Parameter  
(available with FGD)

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RATES

4.1 Access Rates (cont'd.)

4.1.5 Local Exchange Access Service

	<u>Rate</u>
Terminating Usage	
-Per Minute of Usage	N/A

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RATES

4.1 Access Rates (cont'd.)

4.1.6 800 Data Base Access Service

Rate

A) Call Routing \$0.002297

B) Call Handling \$0.000200

4.1.7 Information Surcharge

Rate

-Per 100 Minute \$0.000000

4.1.8 Carrier ID

\$0.001031

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RATES

4.2 Miscellaneous Services

Nonrecurring  
Charge

4.2.1 Presubscription

- |    |                                                                                                                            |         |
|----|----------------------------------------------------------------------------------------------------------------------------|---------|
| A) | Authorized PIC Charge Changing PIC to which an End User is presubscribed:<br>-Per Telephone Exchange Service Line or Trunk | \$5.00  |
| B) | Unauthorized PIC Change<br>-Per Telephone Exchange Service Line or Trunk                                                   | \$18.00 |
| C) | Expedited PIC Switchback Service<br>-Per Telephone Exchange Service Line or Trunk                                          | \$10.00 |

4.2.2 Expanded Interconnection

Monthly

- |    |               |     |
|----|---------------|-----|
| A) | Cross-Connect |     |
|    | -Per DS1      | N/A |
|    | -Per DS3      | N/A |

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RATES

4.2 Miscellaneous Services (Cont'd)

4.2.3 Primary Interexchange Carrier Charge ("PICC")

N

Primary Interexchange Carrier Charges are neither contributory to nor eligible to receive discounts nor are they eligible to contribute to meeting minimum monthly usage requirements. The application of this charge is subject to billing availability.

(1)	Residential Customers	
		<u>Recurring Charge</u>
(A)	Primary	\$0.000
(B)	Non-Primary	\$0.000
(2)	Business Customers	
(A)	Single Line	\$0.000
(B)	Multi-Line	\$3.250
(C)	Centrex	\$0.440
(D)	Primary Rate Interface (PRI)	\$19.25

N

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