

South Central Rural Telephone Cooperative

ACCESS SERVICE

Title Page

Access Service

Regulations, Rates and Charges
applying to the provision of Access Service
for connection to interstate communications facilities
for Interstate Customers within the
operating territory of South Central
Rural Telephone Cooperative.

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

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Check Sheet

Title Pages and pages 1 to 257 inclusive of this tariff are effective as of the date shown. Original and revised pages are as named below contain all changes from the original tariff that are in effect on the date hereof.

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Concurring Carriers

No Concurring Carriers

Connecting Carriers

No Connecting Carriers

Other Participating Carriers

No Other Participating Carriers

Registered Service Marks

None

Registered Trademarks

None

Explanation Of Symbols

- (C) - to signify changed regulation.
- (D) - to signify discontinued rate or regulation.
- (I) - to signify increase.
- (M) - to signify matter relocated without change.
- (N) - to signify new rate or regulation.
- (R) - to signify reduction.
- (S) - to signify reissued matter.
- (T) - to signify a change in text but no change in rate or regulation.
- (Y) - to signify matter issued under Special Permission
- (Z) - to signify a correction.

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Explanation Of Abbreviations

ac	-Alternating current
ANI	-Automatic Number Identification
BD	-Business Day
BHMC	-Busy Hour Minutes of Capacity
BNA	-Bill Name and Address
BTN	-Billed Telephone Number
CCS	-Common Channel Signaling
CCSN	-Common Channel Signaling Network
CCSAC	-Common Channel Signaling Access Capability
CO	-Central Office
CNP	-Charge Number Parameter
Cont'd	-Continued
CPE	-Customer Premises Equipment
CPN	-Calling Party Number
CSP	-Carrier Selection Parameter
DA	-Directory Assistance
dB	-decibel
dc	-direct current
EPL	-Echo Path Loss
ESS	-Electronic Switching System
ESSX	-Electronic Switching System Exchange
f	-frequency
F.C.C.	-Federal Communications Commission
FX	-Foreign Exchange
Hz	-Hertz

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Explanation Of Abbreviations (Cont'd)

IC	-Inter-exchange Carrier
ICB	-Individual Case Basis
kbps	-kilobits per second
kHz	-kilohertz
mbps	-Megabits per second
MMUC	-Minimum Monthly Usage Charge
MRC	-Monthly Recurring Charge
MTS	-Message Telecommunications
NPA	-Numbering Plan Area
NRC	-Nonrecurring Charge
NTS	-Non-Traffic Sensitive
NXX	-Three-Digit Central Office Code
PBX	-Private Branch Exchange
PCM	-Pulse Code Modulation
PI	-Priority Installation
POT	-Point of Termination
PR	-Priority Restoration
SAC	-Service Access Code
SNAL	-Signaling Network Access Link
SP	-Signaling Point
SPOI	-Signaling Point of Interface
SRL	-Singing Return Loss
SSN	-Switched Service Network
SS7	-Signaling System 7
SSP	-Service Switching Point
STP	-Signaling Transfer Point

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Explanation Of Abbreviations (Cont'd)

TSP	-Telecommunications Service Priority
TSPS	-Traffic Service Position System
TV	-Television
USOC	-Uniform Service Order Code
VG	-Voice Grade
V&H	-Vertical & Horizontal
WATS	-Wide Area Telecommunications Service(s)

Reference To Other Tariffs

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

Use Of The Tariff

This tariff contains the regulations, rates and charges applicable to the provision of Access Service by South Central Rural Telephone Cooperative (also referred to herein as “the Company” and/or “the Telephone Company”).

The regulations applicable to the provision of Access Service are contained in Sections 2 through 11.

The Company’s rates and charges for all Access Services are shown in Section 12. In the right hand margin of Section 12, a Tariff Section Reference is shown which references the appropriate tariff section where the application of the rate is located.

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1. Application Of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of End User Common Line Access, Lifeline Assistance, Universal Service Fund Service, Switched Access, Special Access Services, Digital Subscriber Line Access Service and other miscellaneous services, hereinafter referred to collectively as service(s), provided by South Central Rural Telephone Cooperative, to Customer(s).
- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations

2.1 Undertaking Of The Telephone Company

2.1.1 Scope

- (A) The Telephone Company does not undertake to transmit messages under this tariff.
- (B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the service it provides.
- (C) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.
- (D) Services are provided 24 hours daily, seven days per week, except as set forth in other sections of this tariff.

2.1.2 Limitations

- (A) The customer may assign or transfer the use of services under this tariff if there is no interruption in or relocation of services. The assignee or transferee must agree to assume all outstanding indebtedness for services provided under this tariff and any termination liability associated with the services provided. The customer will remain jointly liable with the assignee or transferee for any obligations existing at the time of the assignment.

Prior to assignment, the Telephone Company must acknowledge in writing that all requirements have been met. Acknowledgement will be made within fifteen days after the Telephone Company has been notified of the proposed assignment.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

- (B) All services offered in this tariff will be provided on a first-come first-served basis except as provided for following. The regulations for the installation and restoration of Telecommunications Service Priority (TSP) System Services shall be subject to Part 64.401, Appendix A, of the Federal Communications Commissions Rules and Section 8, following.

2.1.3 Liability

- (A) Except in the case of willful misconduct for which the Telephone Company's liability is not limited by this tariff, the Telephone Company's liability for damages of all types, including, but not limited to, those associated with the conventions of calendar dating shall not exceed an amount equal to the proportionate tariff charge for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may be due the customer as described in Section 2.4.3, following.
- (B) The Telephone 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 Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- (C) The Telephone Company is not liable for damages to the customer 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 Telephone Company's negligence.

South Central Rural Telephone Cooperative

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

- (D) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
 - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end users or IC or;
 - (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
- (E) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
 - (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(E) (Cont'd)

(3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

(F) The Telephone 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 Telephone Company, Acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in Section 2.4.3, following.

2.1.4 Provision of Services

The Telephone Company's obligation to furnish the services described in this tariff is dependent upon its ability to provide such service after provision has been made for the Telephone Company's exchange services.

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2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.5 Installation and Termination of Services

The services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Transmission media required within a building to extend Access Service facilities will be provided, at the Customer's request, on a time sensitive charge basis. The labor rates for the installation of such media are the same as those set forth in Section 12.4.2 (B), following, for Other Labor.

2.1.6 Maintenance of Services

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

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2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) change any facilities used in providing service under this tariff, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. The Telephone Company shall not be responsible if the change renders customer-furnished services obsolete or requires modification of the customer-furnished services. If such change materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the changes made. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

2.1.8 Refusal and Discontinuance of Service

- (A) Unless the provisions of Sections 2.2.1(B) or 2.5, following apply, if a customer fails to comply with Section 2.1.6, preceding, or Sections 2.2.2, 2.3.1, 2.3.4, 2.3.5, or 2.4, following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(A) (Cont'd)

noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the non-complying customer at any time thereafter.

If the Telephone Company does not refuse additional applications for service on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the non-complying customer without further notice.

- (B) Unless the provisions of Sections 2.2.1(B) or 2.5, following apply, if a customer fails to comply with Section 2.1.6, preceding, or Sections 2.2.2, 2.3.1, 2.3.4, 2.3.5, or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of non-compliance, discontinue the provision of the services to the non-complying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice, and the customer's non-compliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the non-complying customer without further notice.

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

- (C) When access service is provided by more than one Telephone Company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the Telephone Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Telephone Company(s) will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the 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 end office Telephone Company shall apply for joint service discontinuance.

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

- (D) If the National Exchange Carrier Association, Inc. notifies the Telephone Company that the Customer has failed to comply with the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No.5 including any Customer's failure to make payments on the date and times specified therein, the Telephone Company, may, on thirty days written notice to the Customer by Certified U.S. Mail, take any of the following actions: - (1) refuse additional applications for service and/or (2) refuse to complete any pending orders for service, (3) discontinue the provision of service to the Customer. In the case of discontinuance, all applicable charges including termination charges, shall become due.

2.1.9 Limitation of Use of Metallic Facilities

Where necessary, the customer shall be responsible for the provision of current limiting devices to protect Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

2.1.10 Notification of Service-Affecting Activities

The Telephone 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 additions, removals, and routine preventative maintenance.

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2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.10 Notification of Service-Affecting Activities (Cont'd)

Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine the notification requirements.

2.1.11 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change, the Telephone Company will furnish to the customer 6 months notice, by certified mail, of the effective date and an explanation of the reason(s) for such change(s).

2.1.12 Coordination with Respect to Network Contingencies

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

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.13 Nonchargeable Confirmation Services

- (A) Billed Number Screening (BNS): At the request of the customer, the Telephone Company business office will confirm BNS codes associated with a line to which a call is to be billed.
- (B) Originating Line Screening (OLS): At the request of the customer, the Telephone Company business office will confirm OLS codes associated with an exchange access line from which a call originates.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Use

2.2.1 Interference or Impairment

- (A) The facilities and equipment provided by the customer which are used in conjunction with Telephone Company facilities in the provision of Access Service shall not interfere with or impair the provision of service by the Telephone Company.
- (B) If interference as described in (A), above exists, except for equipment subject to the F.C.C. Part 68 rules in 47 C.F.R. Section 68.108, when practicable, the Telephone Company will notify the customer that service will be temporarily disconnected until the problem is corrected. When prior notice is not practical, the Telephone Company may temporarily disconnect services without prior notification to the customer. The customer will be notified of the action as soon as possible and given the opportunity to correct the problem. During the period of discontinuance, the credit allowance for service interruptions as set forth in Section 2.4.3, following, does not apply.

2.2.2 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone 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 Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions.

The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Ownership of Facilities

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit. Any cost of repair or replacement for unreasonable wear or damage will be billed to the customer who utilized the equipment.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone 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 Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such space at reasonable times for installing, testing, repairing or removing Telephone Company services.

2.3.4 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone 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.

2.3.5 Balance

All signals for transmission over the facilities provided under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations Of The Customer (Cont'd)

2.3.6 Design of Customer Services

Subject to the provisions of Section 2.1.7, preceding, 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 Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.3.7 Reference to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations Of The Customer (Cont'd)2.3.8 Claims and Demands for Damages

The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney 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 Telephone 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 tortuous conduct of the customer, its officers, agents or employees. The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

In the event that a customer files a claim for an access billing or revenue adjustment with the Telephone Company, the Telephone Company will have 30 days from the notification date to resolve the customer's claim or negotiate a mutually agreeable time frame for resolution of the claim.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements

(A) Jurisdictional Reports - Switched Access

(1) Line Side Access Service

- (a) Except in cases where the Telephone Company is billing according to actuals by jurisdiction, when a customer orders Line Side Switched Access Service the customer shall, in its order, state the projected interstate percentage for interstate usage for each Line Side Switched Access Service group ordered. If the customer discontinues some but not all of the Line Side Switched Access Services in a group, it shall provide the projected interstate percentage for such services which are discontinued.

(2) Trunk Side Access Service

- (a) The Company provides SS7 Signaling information to customers for all originating messages; conversely, the Company requires the provision of all SS7 Signaling information for all terminating messages by access customers. This information provides all data necessary for the billing of access services separately for jurisdiction. Accordingly jurisdictional reports are not required from customers using Trunk Side access service.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage), will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in Section 2.3.9, preceding, will serve as the basis for prorating the charges.

2.4 Payment Arrangements And Credit Allowance2.4.1 Payment of Rates, Charges and Deposits

- (A) The Telephone Company will require a deposit from all customers with a proven history of late payments to the Telephone Company and all customers who do not have established credit unless the customer is a successor of a company which has established credit and has no history of late payments to the Telephone Company. The deposit may be required prior to or after establishment of service. The total deposit may not exceed the estimated charges for service for a two month period.

The fact that a deposit has been made does not relieve the customer from the responsibility of complying with the Telephone Company's regulations regarding prompt payment of bills. Annual interest at the rate described in Section 2.4.1(B)(3)(b), following, will be paid on all deposits held from the date the deposit is received up to and including the date the deposit is returned or credited to the customer's account. The deposit will be refunded after the customer has established a record of prompt payment for one year. When service is terminated, any deposit held will be credited on the final bill.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- (B) The Telephone Company will bill all usage charges monthly in arrears. All non usage sensitive access services, including End User Access Service and Presubscription service will be billed monthly in advance. Nonrecurring charges will be billed in the month following the provision of service.

The access ordering customer is totally responsible for the payment of all charges associated with usage transported over the facilities or through the switching capacity ordered from the Company. In the case of jointly used facilities, the ordering customer will be responsible for all charges not directly chargeable to other access customers through reported usage directly measured usage. The company will not charge or bill for access usage to parties with whom it does not have an order, a contract and a measurable direct connection. The Telephone Company, will bill the connecting company for all minutes terminating out of its exchange. The Telephone Company will bill the connecting company for all minutes terminating at its central office.

- (1) The bill day for End User Access Service and Presubscription Service will be the same day established for the provision of local service.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(2) The bill day(s) for all access services other than End User Access Service and Presubscription Service will be established by the Telephone Company for each customer account and shall appear on the carrier access bill. If the Telephone Company advises the customer in writing, an alternate billing schedule may be established. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12-month period.

(3)

(a) Payment for service is due by the next bill date (i.e., same date in the following month as the bill date), except as provided herein, and is payable in immediately available funds. If the customer does not receive a bill at least 20 days prior to the due date, then the bill shall be considered delayed. When a bill has been delayed, upon request of the customer, the due date will be extended by the number of days the bill was delayed.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(a) (Cont'd)

Such request by customer must be accompanied by proof of the late bill receipt. If such payment date would cause payment to be due on a Saturday, Sunday or legal holiday (i.e., New Years, Independence Day, Labor Day, Thanksgiving, Christmas, Veteran's Day and the days when Washington's Birthday, Memorial Day, and Columbus Day are legally observed) payment for such bills will be due as follows:

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

- (b) If any portion of the payment is not received in immediately available funds by the due date as determined in (a), above, a late payment charge calculated at 15% annual interest will apply. Interest will be compounded monthly.

The late payment charge will be calculated from the due date to and including the date that payment is actually received by the Telephone Company. Any penalty due will be included as a separate item on the next statement issued.

- (c) In the event that a billing dispute concerning charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any disputed payments withheld pending settlement of the dispute shall be subject to the late payment penalty beginning 10 days after the payment date. If the dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount. In this case, if full payment was made by the due date, the Telephone Company will refund the disputed amount in question plus interest.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(c) (Cont'd)

The penalty interest period shall begin 10 days following the due date or on the date the disputed amount was actually paid, whichever is later. Interest will be calculated as described in (b), preceding.

(C) For services provided on a monthly basis (i.e. flat rates), the charge for the provision of a fractional month's service will be determined by dividing the number of days that service was provided by 30 and multiplying the result times the monthly rate. This calculation will be made subject to any minimum service periods required for specific services.

(D) 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).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.2 Minimum Periods

- (A) Unless a minimum service period is described for a specific tariff item, the minimum period for which services are provided and for which rates and charges are applicable is one month.

When a service is discontinued prior to the expiration of the minimum period, the total charges at the rate level in effect at the time service is discontinued will apply for the remainder of the minimum period. The Telephone Company will charge the full nonrecurring charge to the end of the minimum period.

When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total non-recoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges and nonrecurring charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.3 Credit Allowance for Service Interruptions(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of facilities used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative. An allowance for interruption will apply only when the interruption is not due to the negligence of the customer. The credit allowance for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period.

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- (1) For Switched Access Service usage rated elements, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the applicable monthly rates for each period of 24 hours or major fraction (12 hours and one minute) thereof that the interruption continues.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

- (2) For Special Access Services, for Digital Subscriber Line Access Service and for flat rated Switched Access elements, (i.e., Entrance Facility, Direct Trunked Transport, and Multiplexing), no credit shall be allowed for an interruption 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 major fraction (16 minutes or more) thereof that the interruption continues.
- (a) For two-point service, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with the service (i.e., a channel termination per customer designated premises, channel mileage and optional features and functions).
- (b) If a portion of a service such as a portion of a multipoint special access facility can still be utilized during the service interruption, the credit allowance will only apply to the services which are inoperative (i.e., a channel termination per customer designated premises, channel mileage and optional features and functions).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.3 Credit Allowance for Service Interruption (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

(2) (Cont'd)

(c) Multiplexed Services

For multiplexed services, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., the Channel Termination, Channel Mileage Facility and Termination, Entrance Facility, Direct Trunked Transport and Optional Features and Functions, including the multiplexer on the facility to the hub, and the channel terminations, channel mileages and optional features and functions on the individual services from the hub). When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the hub to a customer premises (i.e., Channel Termination, Channel Mileage Facility and Termination, Direct Trunked Transport, and Optional Features and Functions).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruption (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(2) (Cont'd)

(d) Flat Rated Switched Access Service Rate Elements

For flat rated Switched Access Service rate elements, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with the service (i.e., Entrance Facility, Direct Trunked Transport and Multiplexing).

(C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- (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 Telephone Company is not afforded access to the premises where the service is terminated.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruption (Cont'd)

(C) When a Credit Allowance Does Not Apply (Cont'd)

- (4) Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of a change order during the time that was negotiated with the customer prior to the release of the service. Thereafter, a credit allowance as set forth in (B), preceding, applies.
- (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.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.4 Re-establishment of Service Following Fire, Flood, or Other Occurrence

(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the re-establishment of service for the same customer following an interruption resulting from a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the interruption.
- (2) The service is at the same location on the same premises.
- (3) The re-establishment of service begins within 60 days after Telephone Company service is available.

(B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending re-establishment of service at the Original location.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company

Pursuant to FCC order in CC Docket No. 87-579, released August 29, 1988, the provisions contained in this tariff related to access services provided by more than one Telephone Company (meet point billing) which had been set to expire on August 31, 1988 will be effective until further notice.

Pursuant to the F.C.C.'s Memorandum Opinion and Order in C.C. Docket 87-579, released October 5, 1989, when more than one telephone company is involved in the provision of Line Side access service, the local exchange carrier which are jointly providing the service shall enter into revenue-sharing agreements, with the dial tone office local exchange carrier billing the customer for both originating and terminating Line Side usage.

When more than one Telephone Company is involved in the provision of Access Services, the Telephone Companies involved will use the billing method described in (A), following, to bill for the transport or mileage portion of the service.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(A) Multiple Bill

(1) Multiple Company/Multiple Tariff Billing

Each Telephone Company providing service will bill the customer according to its tariff. Additionally, these access bills must use the same access minutes of use and include cross references to the other Telephone Company's bills, and common circuit identification.

(a) For Non-Distance Sensitive Rate Elements:

Local Transport rate elements with the exception of Tandem Switched Transport Facility and Direct Trunked Facility elements are non-distance sensitive. The Local Transport rates described in Section 12.2(B), following, for these elements will apply to the total number of access minutes, terminations, or arrangements as appropriate. The rates charged for the portion of Local Transport provided by a connecting exchange Telephone Company will be based on the connecting exchange Telephone Company's access tariff and may be distance sensitive for all rate options.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(A) Multiple Bill (Cont'd)

(1) Multiple Company/Multiple Tariff Billing (Cont'd)

(b) For Distance Sensitive Rate Elements:

The Tandem Switched Transport Facility and Direct Trunked Facility rate in Local Transport and the Channel Mileage Facility rate in Special Access provided by the Telephone Company are distance sensitive. The Tandem Switched Transport Facility rate is described in Section 12.2(b) (2) (a) following, the Direct Trunked Facility rate described in Section 12.2(B)(4)(a), following, and the Channel Mileage Facility Rate described in Section 12.3(B)(2), following, will apply to the total number of miles determined using the following method.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(A) Multiple Bill (Cont'd)

(1) Multiple Company/Multiple Tariff Billing (Cont'd)

(b) For Distance Sensitive Rate Elements: (Cont'd)

- (i) Determine the appropriate mileage by computing the number of airline miles between the Telephone Company serving wire centers using the V&H method set forth in Section 7.4.3, following.
- (ii) Determine the billing percentage (BP), as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(A) Multiple Bill (Cont'd)

(1) Multiple Company/Multiple Tariff Billing (Cont'd)

(b) For Distance Sensitive Rate Elements: (Cont'd)

- (iii) Multiply the number of airline miles, as set forth in (i), preceding, times the BP for each Telephone Company, as set forth in (ii), preceding, times the, Tandem Switched Transport Facility, Direct Trunked Facility or the Channel Mileage Facility rate as appropriate.

(B) Determination of Rates and Charges

Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company. The following applies to both Line Side and Trunk Side services.

When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the appropriate charges as set forth below. Additionally, when a segment of the Direct Trunked Facility or Channel Mileage Facility is measured to the intermediate office(s), the Direct Trunked Termination or Channel Mileage Termination rates are also applied at the intermediate Telephone Company(s) office(s).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Determination of Rates and Charges (Cont'd)

(1) Non-Distance Sensitive Rate Elements

(a) Entrance Facility Charge and/or Multiplexing Charges

When the Entrance Facility and/or Multiplexing equipment is located within the operating territory of an issuing carrier of this tariff, the Entrance Facility and/or Multiplexing charge will apply.

(b) Tandem Switched Transport Termination

The Tandem Transport Termination rate will apply for all originating and terminating access minutes routed over the facility.

When a tandem office is located within the operating territory of an issuing carrier of this tariff, the Tandem Switching rate will apply to all originating and terminating access minutes that are switched at the tandem.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Determination of Rates and Charges (Cont'd)

(1) Non-Distance Sensitive Rate Elements (Cont'd)

(b) Tandem Switched Transport (Cont'd)

The Tandem Switched Transport Termination rate is applied as set forth in Section 6.2(A)(1)(c), following. The Switched Access Nonrecurring Charges are applied as set forth in Section 6.7.1(A), following.

(c) Direct Trunked Termination

The Direct Trunked Termination Rate is applied at each termination located in an office within the operating area of an issuing carrier in this tariff. If a segment of Direct Transport Facility is measured to the intermediate office(s), the Direct Trunked Termination is applied at the intermediate office(s).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Determination of Rates and Charges (Cont'd)

(1) Non-Distance Sensitive Rate Elements (Cont'd)

(d) Special Access

The Special Access Channel Mileage Termination rate and nonrecurring charges are applied as set forth in Sections 7.1.1(B)(2) and 7.1.1(A), following, at each location in an office within the operating area of an issuing carrier in this tariff. (Note: The BP is not applied to either the Channel Mileage Termination Recurring Rate or any Nonrecurring Charge.)

(2) Distance Sensitive Rate Elements

(a) The Tandem Switched Transport Facility rate is applied as set forth in Section 2.4.5(B)(1)(b), preceding.

(b) Direct Trunked Facility

The Direct Trunked Facility rate is applied as set forth in Section 2.4.5(B)(1)(b), preceding.

(c) For Special Access, the Channel Mileage Facility rate is applied as set forth in Section 2.4.5(B)(1)(b), preceding.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

General

Customer Premise Equipment and Systems may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in Section 2.1, preceding.

2.6 Definitions

Access Code

The term "Access Code" for Line Side and Trunk Side services, denotes a uniform five or seven digit access code assigned by the Telephone Company to an individual customer. The five digit code has the form 101XXXX, and the seven digit code has the form 950-XXXX.

Access Order

An order to provide the customer with Switched Access Service or Special Access Service or changes to existing services.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Access Minute

The unit of usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to, and acknowledged as received by, the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable.

Access Tandem

A Telephone Company or centralized equal access provider switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

Aggregator

Any entity that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services.

Add/Drop Multiplexing

The term "Add/Drop Multiplexing" denotes a multiplexing function offered in connection with SONET that allows lower level signals to be added or dropped from a high speed optical carrier channel in a wire center. The connection to the add/drop multiplexer is via a channel to a Central Office Port at a specific digital speed (i.e., DS3, DS1, etc.).

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Asymmetric Digital Subscriber Line (ADSL)

The term "Asymmetric Digital Subscriber Line (ADSL)" denotes an access technology that allows voice and high speed data to be sent simultaneously over local exchange service facilities. ADSL supports data rates of up to 1.544 Mbps when receiving data (downstream rate) and up to 512 Kbps when sending data (upstream rate).

Business Day

The times of day that a company is open for business. Business Day hours for the Telephone Company may be determined by contacting the business office.

Busy Hour Minutes of Capacity (BHMC)

The customer specified maximum amount of Switched Access Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Switched Access Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Switched Access Service ordered.

Call

A customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Carrier or Common Carrier

See Inter-exchange Carrier.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

CCS

A standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks). Also known as "100 call seconds".

Central Office

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

Channel

A communications path between two or more points of termination.

Clear Channel Capability

The term "Clear Channel Capability" denotes the ability to transport twenty-four 64 Kbps over a DS1 Mbps High Capacity service via a B8ZS line code format.

Coin Station

A location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Common Channel Signaling (CCS)

A high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks.

Common Channel Signaling (CCS) (Cont'd)

Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Communications System

Channels and other facilities which are capable of communications between terminal equipment provided by entities other than the Telephone Company.

Customer Designated Premises

The premises specified by the customer for the provision of Access Service.

Customers

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

Common Channel Signaling Access Capability (CCSAC)

The connection between the customer's point of presence and the Signal Transfer Point (STP) designated by the Telephone Company for the transport of signaling information.

Common Line

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

Data Transmission (107 Type) Test Line

An arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Detail Billing

The listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Digital Subscriber Line (DSL)

The term "Digital Subscriber Line (DSL)" denotes an access technology that allows simultaneous voice and high speed data to be sent over local exchange service facilities.

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes transport from the serving wire center to the end office or from the serving wire center to the access tandem on circuits dedicated to the use of a single customer.

Effective 2-Wire

A condition which permits the simultaneous transmission in both directions over a channel, which does not insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

A condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques).

End Office Switch

A local Telephone Company switching system where Telephone Exchange Service customer common lines are terminated for purposes of interconnection to trunks.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)End User

Any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier shall be deemed to be an "end user" to the extent that such carrier uses a telecommunications service for administrative purposes, without making such service available to others, directly or indirectly.

Entrance Facility

An Entrance Facility is a Switched Access Service dedicated Local Transport facility between the customer's serving wire center and the customer's designated premises.

Entry Switch

See First Point of Switching.

Exchange

A unit established by the Telephone 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.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company's tandem switch to mark the Carrier Connect Time when the Telephone Company's tandem switch sends an Initial Address Message to an inter-exchange customer.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)First Point of Switching

The first Telephone Company or centralized equal access provider location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company or centralized equal access provider location at which switching occurs on the originating path of a call proceeding from the originating end office to the IC or customer premises.

Immediately Available Funds

A corporate or personal check drawn on a bank account for which funds are available for use by the receiving party on the same day on which they are received and include 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

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.

Initial Address Message

The Initial Address Message is an SS7 message sent in the forward direction to initiate trunk set up, reserve an outgoing trunk and process the information about that trunk along with other data relating to the routing and handling of the call to the next switch.

Interconnection Point

The V and H coordinates as determined in the NATIONAL EXCHANGE CARRIERS ASSOCIATION, INC. TARIFF F.C.C. No. 4, of a point where facilities of the Telephone Company meet facilities of a connecting exchange telephone company.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Inter-exchange Carrier (IC) or Inter-exchange Common Carrier

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

Interstate Call

A term which denotes both interstate and foreign communications.

Intrastate Call

Any communications within a state subject to oversight by the state regulatory commission.

Line Side Connection

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

Loop Around Test Line

An arrangement utilizing a Telephone Company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Message

See "Call".

Milliwatt (102 Type) Test Line

An arrangement in an end office which provides a 1,004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Net Salvage

The estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, or otherwise disposing of the material and any other applicable costs. Since the cost of removal may exceed salvage value, net salvage may be negative.

Network Control Signaling

The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denomination, coin collect and coin return tones) to control the operation of the telecommunications system.

North American Numbering Plan

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

Off-Hook

The active condition of Switched Access or a Telephone Exchange Service line.

On-Hook

The idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

An arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Optical Carrier Channel

The term "Optical Carrier Channel" denotes the high speed optical communications path for transporting information utilizing a Synchronous Optical Channel platform. The channel is provided at transmission rates of 155.52 Mbps. (OC3) and 622.08 Mbps. (OC12).

Optical Carrier Rate (OC-N)

The term "Optical Carrier Rate" denotes the line rate being transmitted on an optical carrier channel. A SONET transmission rate is equivalent to "N" times the OC1 line rate of 51.84 Mbps..

Optical Carrier Rate Concatenated

The term "Optical Carrier Rate Concatenated" denotes the transmission of a combined signal formed by linking together multiple individual signals.

Optical Carrier Termination

The term "Optical Carrier Termination" denotes the network interface on the customer designated premises equipment that provides for an optical handoff.

Originating Direction

The use of access service for the origination of calls from an End User Premises to an IC Premises.

Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Pay Telephone

Telephone Company or Payphone Service Provider provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semi-public telephones, and coinless telephones.

Point of Termination

The point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

Premises

A building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Primary Exchange Carrier

Denotes the Local Exchange Telephone Company in whose exchange a customer's first point of switching (i.e., dial tone office for Line Side) is located.

Prime Service Vendor

The term "Prime Service Vendor" denotes the status of the telephone company when contracting directly with the user of TSP service.

Release Message

The term "Release Message" denotes an SS7 Message sent in either direction to indicate that a specific circuit is being released.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Registered Equipment

The customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Secondary Exchange Carrier

Denotes the Local Exchange Telephone Company in whose exchange a Line Side customer's end users' end office is located and where the customer's first point of switching is provided by a Primary Exchange Carrier who is not the same Exchange Carrier as the Secondary Exchange Carrier.

Service Access Code

Denotes a 3 digit code in the NPA format which is used as the first three digits of a 10 digit address and which is assigned for special network uses. Whereas NPA codes are normally used for identifying specific geographical areas, certain Service Access Codes have been allocated in the North American Numbering Plan to identify generic services or to provide access capability. Examples of Service Access Codes include the 800 and 900 codes. Service Access Codes routed other than 900 are through a data base.

Service Switching Point (SSP)

An end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Serving Wire Center

The wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Shortage of Facilities or Equipment

A condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

Short Circuit Test Line

An arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Signaling Point (SP)

An SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

Signaling Point Of Interface (SPOI)

The interface point between the Telephone Company and its Access customers for purposes of exchanging SS7 Signaling messages for CCS services.

Signaling System Seven (SS7)

The layered protocol used for standardized Common Channel Signaling in the United States.

Signaling Transfer Point (STP)

A packet switch providing CCS Network Access performing CCS message routing and screening.

Subcontractor

The status of the Telephone Company when contracting directly with a Prime Service Vendor to provide TSP to a service user.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Subtending End Office of an Access Tandem

An end office that has final trunk group routing through that tandem.

Synchronous Test Line

An arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem Switched Transport

Transport from the serving wire center to the end office, or from the tandem to the end office, that is switched at a tandem.

Terminating Direction

The use of Access Service for the completion of calls from an Inter-exchange Carrier premises to an End User Premises.

Synchronous Optical Network (SONET)

The term "Synchronous Optical Network (SONET)" denotes a North American Standard for high speed synchronous optical channels having minimum transmission rates of 51.84 Mbps. The standard SONET optical carrier rate of 51.84 Mbps, Is called OC1; the equivalent electrical signal rate is called STS-1. SONET standardizes higher transmission bit rates, "OCN", as exact multiples of OC1 (N X 51.84 Mbps.). For example, OC3 equals 3 X 51.84 Mbps.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Termination Liability

The amount which will be billed if services using specially constructed facilities are terminated prior to the expiration of the Termination Liability Period.

Toll Free Number Database

The term "Toll Free Number (TFN) Database" refers to the use of database technology to determine to which access customer an originating TFN call is to be delivered. An originating TFN call is a call made with the prefix 1+800, 1+888, 1+877, 1+866, 1+855, 1+844, 1+833 or 1+822. These calls may also be referred to as 8XX calls. The TFN Database routes calls to an access customer based on the dialed ten digit TFN number. Initially, the Toll Free Number Database will provide routing information for calls utilizing 800, 888 and 877 toll free numbers. The Toll Free Number Database will be expanded, as required, at a later date to include routing for 866, 855, 844, 833 and 822 toll free numbers. Until that time, toll free number calls, other than those originated as 1+800, 1+888, or 1+877 will not be completed.

Transmission Measuring (105 Type) Test Line

An arrangement in an end office which provides far-end access to a recorder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3,000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

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

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Trunk Group

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

The connection of a transmission path to the trunk side of a local exchange switching system. This type of connection is used when providing Trunk Side Switched Access Service.

Two-Wire to Four-Wire Conversion

An arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

V and H Coordinates Method

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

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

South Central Rural Telephone Cooperative

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Wire Center

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

South Central Rural Telephone Cooperative

ACCESS SERVICE

3. Federal Universal Service Charge

3.1 General

The Federal Universal Service Charge (FUSC) recovers the Telephone Company's contribution to various federal universal service funds. The Telephone Company will apply the FUSC monthly surcharge to the total billed charges for interstate telecommunication services ordered by end users, as described below.

The FUSC as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 5. will be billed by the Telephone Company when the Telephone Company is required to contribute to the universal service funds.

The FUSC rate will not apply to any local exchange service lines purchased by end users participating in the Lifeline assistance program. The FUSC Access Services Revenue Surcharge will not apply on any local exchange or interstate special access services purchased by customers that resell these services to end users as part of an interstate telecommunications service and are required to contribute to the various federal universal service funds. In case of a dispute regarding whether the customer is reselling services and contributing to the various federal universal service funds, the Telephone Company may request a signed certification to the effect from the customer.

South Central Rural Telephone Cooperative

ACCESS SERVICE

4. End User Access Service4.1 General Description

The Telephone Company will provide End User Access Service to End Users who obtain local exchange service from the Telephone Company under its local exchange tariffs.

End User Access provides for the use of an End User Common Line (EUCL) service by an end user.

4.2 Limitations(A) Exclusions

Telephone number, detail billing, directory listings and intercept arrangements are not included with End User Access.

- (B) The Federal Lifeline Service program is designed to provide a credit to monthly end user access charges for qualifying low income residential subscribers. The Telephone Company is designated as an eligible telecommunications carrier for Lifeline Service and when a residential end user qualifies for Lifeline Service in association with local exchange service of the Telephone Company, the EUCL rate as set forth in 12.1.1 following is waived.

4.3 Undertaking of the Telephone Company

- (A) The Telephone Company will provide the use of an EUCL for access to interstate access services when the End User obtains local telephone exchange service.
- (B) The Telephone Company will be responsible for contacts and arrangements with end users for the billing of End User Access charges.

South Central Rural Telephone Cooperative

ACCESS SERVICE

4. End User Access Service (Cont'd)

4.4 Payment Arrangements and Credit Allowance

(A) Minimum Period

The minimum period for which EUCL End User Access is provided and for which charges are applicable is the same as the service with which it is associated.

- (1) Those EUCL's associated with a local exchange telephone service will have the same minimum period as described in the exchange tariff for the associated service.

(B) Cancellation of Application

End User Access is cancelled when the order for the associated service is cancelled. No cancellation charges apply.

(C) Changes to Orders

When changes are made to orders for the local exchange service associated with End User Access, any necessary changes will also be made for End User Access. No charges will apply.

4.5 Rate Regulations

- (A) End User Access charges will be billed to the End User of the associated local telephone exchange service.

- (B) The EUCL rate applies on a per line basis to single and multi-line subscribers including Centrex Co Subscribers. Multi-line subscribers include those end users who are provided more than one local exchange service including semipublic service by the Telephone Company. The EUCL rate will be assessed when a Payphone Service Provider obtains an exchange service line for the purposes of offering pay telephone service. Rates for EUCL are set forth in Section 12.1.1, following.

South Central Rural Telephone Cooperative

ACCESS SERVICE

4. End User Access Service (Cont'd)

4.5 Rate Regulations (Cont'd)

- (E) When a residential end user is provided a local exchange service and the local exchange rate is reduced for end users eligible for a telephone lifeline assistance plan approved by the FCC as provided for in paragraph 54.403 of Part 54 of the FCC Rules and Regulations, the federal baseline Lifeline support amount shall be pursuant to Title 47 CFR Part 54.403 per qualifying low income consumer.
- (F) When a residential end user is provided a local exchange service and the local exchange rate for the end user is reduced for end users meeting a state established means test that is subject to verification, pursuant to paragraph 54.403 of Part 54 of the FCC Rules and Regulations, the federal additional Lifeline support amount shall be equal to the amount set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 5. per qualifying low income consumer.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options For Switched And Special Access Service**5.1 General**

This section sets forth the order related regulations and charges for Switched and Special Access Services. These regulations and charges are in addition to other applicable regulations and charges as set forth in other sections of this tariff.

5.1.1 Ordering Conditions

In ordering access service, the customer assumes responsibility for the payment of all charges associated with the use of facilities and/or capacities ordered. In the case of jointly used facilities, the customer owning or leasing the facilities will be responsible for all usage not directly attributable to other customers.

A customer may order any number of services of the same type and between the same premises on a single Access Order.

The ordering customer must provide a copy of the access order to the Telephone Company. The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in Section 5.2, following, the customer must also provide:

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

Orders for Line Side Switched Access Service shall be in lines.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services

Other services as described in Sections 9.1 and 9.2, following, may be ordered in conjunction with the order for Access Service. All rates and charges set forth in Section 12.4.2(A)&(B), following, will apply in addition to the rates and charges for the Access Service with which they are associated.

International blocking service is provided to end users and Line Side customers as described in Section 9.3.5, following. The nonrecurring charge set forth in Section 12.4.2(F), following, is applicable as described in Section 9.3.5, following.

5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Service as set forth in Section 6., following.
- Special Access Service as set forth in Section 7., following.
- Digital Subscriber Line Access Services as set forth in Section 8., following.
- Other Services as set forth in Section 9., following.

When ordering Switched Access service, the customer must specify the directionality of the service and whether the service is to be provided as (1) Direct Trunked Transport from the serving wire center to the end office or (2) Direct Trunked Transport from the serving wire center to a tandem which connects with Tandem Switched Transport from the tandem to the end office. When all or a portion of service is ordered as Direct Trunked Transport, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade, High Capacity DS1 or DS3, or Synchronous Optical Channel OC3 or OC12) and the hubs or ADM equipped wire centers involved.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

The Customer must also specify the type of Entrance Facility to be used for Switched Access (e.g., Voice Grade, High Capacity or Synchronous Optical Channel). For High Capacity or Synchronous Optical Channel Entrance Facilities, the customer must specify the facility assignment and the channel assignment for each trunk..

Direct Trunked Transport is available at all tandems and at all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, (2) from end offices that lack recording or measurement capability, and (3) from Non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 800 calls.

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

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the end office, the customer will be provided Alternate Traffic Routing as set forth in Section 6.3.6(A)(1)(n), following.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(A) Line Side Switched Access Service

Orders for Line Side Switched Access Service shall be in lines.

When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

- (1) The number of lines and the first point of switching (i.e., dial tone office).
- (2) The customer shall specify whether the off-hook supervisory signaling is provided by the customer's equipment before the
- (3) Called party answers, or is forwarded by the customer's equipment when the called party answers.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(A) Line Side Switched Access Service (Cont'd)

- (4) The customer shall specify which lines are to be arranged in multiline hunt group arrangements and which are to be provided as single lines.
- (5) A projected Percentage of Interstate Use (PIU) as specified in Section 2.3.9, preceding.
- (6) The Inter-exchange Carrier to which the service will be connected or, in the alternative, specify the means by which the Line Side access communications are transported to another state.

(B) Trunk Side Switched Access Service

- (1) The Telephone Company end office where service is requested or the access tandem switch for non MTS/WATS providers.
- (2) The number and type of busy hour minutes of capacity (BHMC) requested from the customer designated premises to the end office.
- (3) The customer designated premises where service is requested.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(B) Trunk Side Switched Access Service (Cont'd)

- (4) Customers order Trunk Side Access by specifying the number of trunks desired between customer designated premises and an entry switch. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project future facility requirements.
- (5) For Toll Free Number Data Base Access Service, as described in Section 6.3.6(A)(4)(a), following, the customer must order Trunk Side to those access tandems or end offices designated as Service Switching Points (SSP) for Toll Free Number Data Base Access Service in **National Exchange Carrier Association, Inc. Tariff F.C.C No. 4**, Wire Center Information. Direct trunk routes can only be provided from end offices equipped to query centralized data bases. All traffic originating from end offices not equipped to provide SS7 signaling and routing require routing via an access tandem where SSP functionality is available.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(B) Trunk Side Switched Access Service (Cont'd)

(6) To comply with SS7 Signaling requirements, the following will also be required:

(a) For Trunk Side with SS7 Signaling, the customer shall specify:

- (1) A reference to existing signaling connections or reference to a related signaling connection order.
- (2) SS7 Signaling Local Switching options, if any.
- (3) The number of BHMC or trunks required for or to be converted to an SS7 Signaling capability.
- (4) Optional features as specified in Section 6.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(C) Special Access Services

- (1) The type of service requested (Metallic, Voice Grade, etc.)
- (2) The customer designated premises or hubs involved.
- (3) The channel interface, technical specification package and options desired.
- (4) When requesting Special Access Service, the customer must certify that the traffic consists of more than ten percent interstate traffic.
- (5) Special Access or Direct Trunked Transport Service may be ordered for connection with Line Side or Trunk Side Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the Line Side or Trunk Side Switched Access Service. For the Special Access Service the customer shall specify the customer designated premises at which the Special Access Service terminates, the type of line (i.e., two-wire or four-wire), the type of calling (i.e., originating, terminating, or two way) and the type of Supervisory Signaling.

When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in Section 7.2.1, following, must be ordered between that wire center and the nearest WSO where the screening, switching and/or recording functions can be provided.

South Central Rural Telephone Cooperative

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.3 Calculation of Busy Hour Minutes of Capacity (BHMC)

(A) Determination of Busy Hour Minutes of Capacity (BHMC)

It is the responsibility of the customer to determine the BHMC when ordering Trunk Side or CCSAC Switched Access Service.

The BHMC may be determined by the customer in the following manner. For each day (8 am to 11 p.m., Monday through Friday, excluding national holidays), the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour).

The customer shall, for the same hour period (i.e., busy hour) for each of twenty consecutive business days, pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve.

The total BHMC by type for each end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

The customer shall work cooperatively with the Telephone Company or its agent for CCSAC interconnection to determine the number of SS7 signaling connections required to handle its signaling traffic.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.4 Access Order Service Intervals

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide Access Service in accordance with the customer's requested interval. The Telephone Company is not responsible for any delays caused by any other connecting exchange telephone company in the provision of service to the customer's point of termination.

If, in order to meet the customer's requested service date, work must be performed outside scheduled work hours, Additional Labor charges as described in Section 9, following, will apply.

When the Telephone Company has identified in **National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4**, Wire Center Information that it has not received a bona fide request for Direct Trunked Transport and a customer subsequently orders Direct Trunked Transport, the Telephone Company will work cooperatively with the customer to provide Direct Trunked Transport within 90 days of receipt of an order.

5.5 Access Order Modifications

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer that additional labor and/or engineering charges will apply. If the customer still desires the Access Order modification and agrees to any additional charges which may apply, the Telephone Company will schedule a new service date. Additional labor or engineering charges as described in Section 9, following, will apply.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.5 Access Order Service Modifications (Cont'd)(A) Service Date Change

Access Order service dates may be changed, but the new service date may not exceed the Original service date by more than 30 calendar days. If the customer requested service date is more than 30 calendar days after the Original service date, the order will be cancelled by the Telephone Company and reissued. The appropriate cancellation charges as set forth in Section 5.6(B), following, will apply. If the Telephone Company determines it can accommodate the customer's request with the normal work force during normal business hours and without delaying service dates for orders of other customers, a new service date may be established that is prior to the Original service date. No charges will apply.

If the requested service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the request, the customer will be notified by the Telephone Company that Additional Labor Charges, as described in Section 9, following, may apply.

(B) Change in Lines or Capacity

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

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a partial cancellation and the charges as set forth in Section 5.6(B), following, will apply.

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5. Ordering Options for Switched and Special Access Service (Cont'd)5.6 Cancellation of an Access Order

- (A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If the customer is unable to accept Access Service within 30 days after the service date, at the customer's option, service will be cancelled and charges set forth in (B), following, will apply, or billing for the access service will commence on the 31st day after the service date.
- (B) When a customer cancels an Access Order, a Cancellation Charge will apply as follows:
 - (1) Installation of Switched or Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection with the installation. Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b), following, whichever is less, shall apply.
 - (a) A charge equal to the non-recoverable cost of equipment and material ordered, provided or used, plus the non-recoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, right-of-way and other associated costs less actual net salvage received after disposal of facilities.
 - (b) The charge for the minimum period of Switched or Special Access Service ordered by the customer.
 - (2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Cancellation of an Access Order (Cont'd)

- (C) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., Acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.7 Selection of Facilities for Access Orders

The Telephone Company will make a reasonable effort to accommodate a customer request for a specific transmission path. The Telephone Company will make the final determination as to transmission paths utilized in the provision of service.

5.8 Minimum Period

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

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:

- (A) For Switched Access Service the minimum period charge is set forth in Section 6.7.3, following.

Switched Access usage rated services (i.e., End Office, and Tandem Switched Transport) have no minimum period. The minimum period for which all other Access Service is provided and for which charges are applicable, is one month.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.8 Minimum Period (Cont'd)

- (B) For Special Access Service and flat rated Switched Access Service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section 12.2(B)(1) & (4) and Section 12.3, following, plus any optional features or nonrecurring charges that may apply.

The minimum period for Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.). The minimum period for Switched Access High Capacity DS1 Entrance Facilities and Direct Trunked Transport is one month. The minimum period for High Capacity DS1 Special Access Services is one month, as set forth in Section 7.2.5(B)(3), following.

5.9 Access Orders For Services Provided By More Than One Telephone Company

Access Service provided by more than one Telephone Company are Services where one end of the Local Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Interim NXX Translation Optional Feature or Toll Free Number Data Base Access Service and the end office are not provided by the same Telephone Company.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.9 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)(A) Multiple Company (Interconnection Point) Billing

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) (IP) with the other Telephone Company(s). The interconnection point(s) and Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in **National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4**. Each Telephone Company will bill the customer for its portion of the service as set forth Section 2.4.5, preceding. All other appropriate charges in each Telephone Company tariff are applicable.

For the service(s) ordered as set forth following, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service. Additionally, when service is provided through a Centralized Equal Access provider, the customer must supply a copy of the order to that provider.

- (1) For Line Side Switched Access Service, the customer must place an order with the Telephone Company in whose territory the first point of switching is located, (i.e., Line Side - dial tone office).
- (2) For Trunk Side Switched Access Service, the customer must place an order with the Telephone Company in whose territory the end office is located.
- (3) Except for Special Access Service provided as set forth in (4) or (5), following, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.9 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

(A) Multiple Company (Interconnection Point) Billing (Cont'd)

- (4) For Special Access Service involving a hub(s), the customer must place the order with the Telephone Company in whose territory the hub(s) is located.
 - (5) For Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services, the customer must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not collocated.
 - (6) For initiation, additions, changes or deletions to Interim NXX Translated Service Access Code(s), the customer must place an order with the Telephone Company who provides the Customer Identification Function for Service Access Codes. The customer must also provide a copy of the order to the Telephone Companies subtending the office providing Customer Identification.
- (B) For the service(s) ordered as set forth preceding, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service.

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6. Switched Access Service**6.1 General**

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone 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 market area where it is provided. Specific references to material describing the elements of Switched Access Service are provided in Section 6.2, following.

Rates and charges for Switched Access Service depend generally on the specific Line Side or Trunk Side service ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services, Interim NXX Translation Optional Feature or Toll Free Number Data Base Access Service. Rates and Charges for Switched Access Service are set forth in Section 12.2, following. The application of rates for Switched Access Service is described in Section 6.7.1, following.

The provision of each Line Side or Trunk Side service requires Local Transport facilities, including an Entrance Facility where required, and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Line Side or Trunk Side at Telephone Company designated WATS Serving Offices.

There are specific transmission specifications that have been identified for the provision of Line Side and Trunk Side services. The technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 7.2.2 and 7.2.5, following, for Voice Grade and High Capacity services. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in Section 11, following.

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6. Switched Access Service (Cont'd)6.2 Rate Categories

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

- Local Transport
- End Office
 Local Switching
- Toll Free Number Data Base Access Service

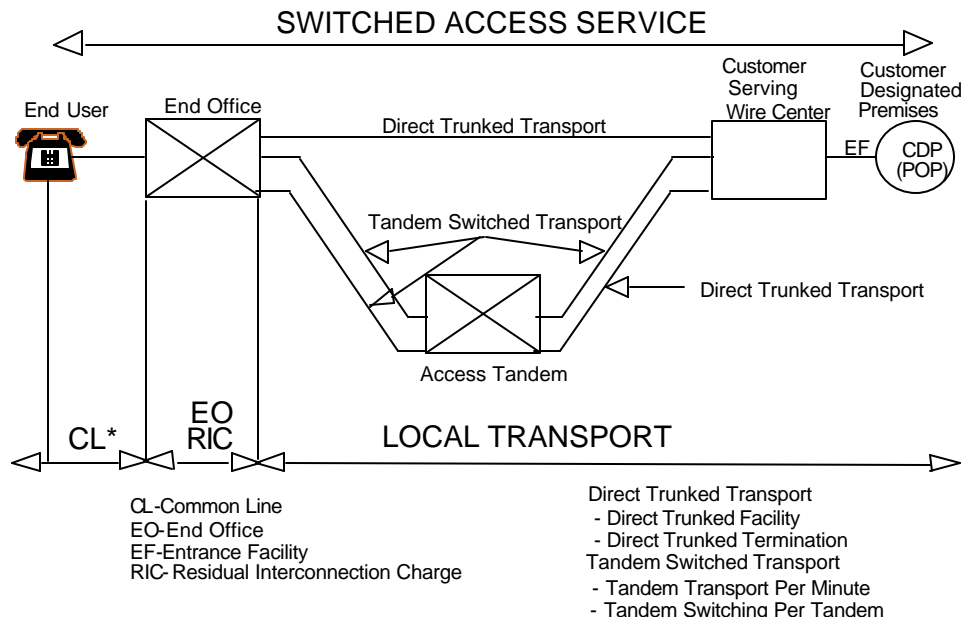
The Line Side and Trunk Side services offered by the Telephone Company are described in Section 6.3, following. Premium rates apply for all Trunk Side Switched Access connections on an access minute basis. Originating Trunk Side access is available to all customers when used to provide the Interim NXX Customer Identification optional feature. Access minutes are determined as described in Section 6.7.4, following. Premium rate classifications are described in Section 6.7.1(B), following. The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)



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6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport

Local Transport provides the transmission and tandem switching facilities between the customer designated premises and each end office switch of the Telephone Company where the customer's traffic is switched when originating and terminating the customer's traffic. Some Local Transport rate elements are distance sensitive, while others are non-distance sensitive.

If the customer utilizes the facilities of another connecting exchange carrier to access the Telephone Company end office switch for the provision of switched access service, the Local Transport charge will provide facilities between the end office switch and the interconnection point with the connecting exchange carrier.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company in accordance with the customer's order. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any type of plant capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3,000 HZ. The customer must specify the choice of facilities (i.e., Voice Grade 2- or 4-wire or High Capacity DS1) to be used in the provision of the Direct Trunked Transport or Entrance Facility.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

The customer must specify when ordering Direct Trunked Transport, (1) the type of facilities to be used (i.e., Voice Grade or DS1), (2) the directionality of the service, and (3) when multiplexing is required, the hub(s) at which the multiplexing will be provided.

Additionally, when service is to be routed through an access tandem switch, Direct Trunked Transport will be provisioned between the serving wire center and the tandem.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic routing, where available, as set forth in Section 6.3.6(A)(1)(n), following.

Direct Trunked Transport is available at all tandem offices of the Telephone Company.

Local Transport is provided at the rates and charges set forth in Section 12.2(B), following. The application of these rates with respect to individual Line Side and Trunk Side services is as set forth in Section, 6.3, following. When more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in Section 2.4.5, preceding.

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6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Non-Distance Sensitive Rate Elements(a) Entrance Facility

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

Two types of Entrance Facility are available: (1) Voice Grade 2- or 4-wire (an analog channel with an approximate bandwidth of 300 to 3,000 hz), and (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps). The minimum period for which a DS1 Entrance Facility is provided is twelve months.

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

At customer request, its Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Non-Distance Sensitive Rate Elements (Cont'd)

(a) Entrance Facility (Cont'd)

Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

(b) Multiplexing

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Distance Sensitive Rate Elements

(a) Direct Trunked Transport

The Direct Trunked Transport rate elements recover a portion of the cost associated with a communications path between the serving wire center and the end office or serving wire center and a tandem on circuits dedicated to the use of a single customer.

Direct Trunked Transport is available to all tandems of the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Distance Sensitive Rate Elements (Cont'd)

(a) Direct Trunked Transport (Cont'd)

Two types of Direct Trunked Transport are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3,000 Hz), and (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps). The minimum period for which a High Capacity DS1 Direct Trunked Transport is provided is twelve months.

DS1 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices. Offices that provide multiplexing are identified in **National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, Wire Center Information**.

Direct Trunked Transport rates, as described in Section 12.2(B)(4), following, consist of a Direct Trunked Facility rate which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, and serving wire center).

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Distance Sensitive Rate Elements (Cont'd)

(a) Direct Trunked Transport (Cont'd)

The Direct Trunked Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

(b) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with a communications path between a tandem and an end office on circuits that are switched at a tandem switch.

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Distance Sensitive Rate Elements (Cont'd)(b) Tandem Switched Transport (Cont'd)

The Tandem Switched Transport Termination rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 12.2(B)(2)(a) following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The Tandem Switched Transport Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate specified in 12.2(B)(2)(b) following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Distance Sensitive Rate Elements (Cont'd)(b) Tandem Switched Transport (Cont'd)

The Tandem Switched Termination rate recovers a portion of the costs of circuit equipment necessary for the termination of each end of each measured segment of the Tandem Switched Facility. The Tandem Switched Termination rate specified in 12.2(B)(2)(b) following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office and the access tandem). When the Tandem Switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(3) Interface Groups

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer's designated premises in order to provide the voice frequency interface ordered by the customer.

(4) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following non-chargeable optional features in association with Local Transport.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
-

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(B) 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 local end office. The End Office rate category includes the Local Switching and Line Termination rate elements.

(1) Local Switching

The Local Switching rate element provides the local end office switching functions associated with Line Side and Trunk Side and the transport termination for the trunk side arrangements which terminate the Local Transport facilities. The LS2 rate applies to both Line Side and Trunk Side services providing Switched Access Service, including providers of MTS and WATS.

(2) Directory Assistance Information Surcharge

Directory Assistance Information Surcharge rates are assessed to a customer based on the total number of access minutes. Directory Assistance Information Surcharge rates are as set forth in Section 12.2(C)(3), following.

(C) Non-Chargeable Optional Features

Where facilities permit, the Telephone Company will, at the option of the customer, provide the following non-chargeable optional features. These optional features are described in Section 6.3.6, following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(D) Rate Regulations

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

(1) Description and Application of Rate

There are two types of rates and charges that apply to Switched Access Service; recurring (usage and flat rates) and nonrecurring charges.

(a) Recurring Rates

1. Usage Rates for Switched Access Service are rates that apply on a per access minute basis. Access minute charges are accumulated over a monthly period.
2. Flat Rates for Switched Access Service are rates that apply on a per month per rate element basis.

(b) Nonrecurring Charges

Nonrecurring charges, as specified in 12.2(A)(1) & (2), following, are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, Interim NXX Translation optional feature and service rearrangements.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Services

Switched Access Service is provided in two arrangements:

- Line Side
- Trunk Side

The Local Transport, End Office, and Common Line rate categories described in Section 6.2, preceding, apply to all Switched Access Service.

6.3.1 Line Side

(A) Description

- (1) At the option of the customer, Line Side is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) Line Side provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

Line Side will be provisioned over an Entrance Facility from the customer's premises to the customer's serving wire center.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Services (Cont'd)6.3.1 Line Side (Cont'd)(A) Description (Cont'd)

(5) (Cont'd)

Line Side service, when used in the originating direction, will be provisioned as Direct Trunked Transport from the first point of switching (i.e., the end office switch where Line Side switching dial tone is provided) to the customer's serving wire center.

- (4) A seven or ten digit local telephone number assigned by the Telephone Company is provided for access to Line Side switching in the originating direction. The seven or ten digit local telephone number will be associated with the selected end office switch and is of the form NPA-NXX-XXXX.

If the customer requests a specific seven or ten digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (5) Line Side switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction Line Side switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Services (Cont'd)

6.3.1 Line Side (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

When Line Side switching is provided in a hunt group or uniform call distribution arrangement, all Line Side switching will be arranged for the same type of address signaling.

(6) No address signaling is provided by the Telephone Company when Line Side Switching is used in the originating direction. Address signaling in such cases, 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 Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(7) Line Side switching, when used in the terminating direction, may be used to access valid NXXs in the market area, local operator service (00- and 00+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Services (Cont'd)6.3.1 Line Side (Cont'd)(A) Description (Cont'd)

(7) (Cont'd)

Charges for Line Side terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and, (3) calls from a Line Side line to another customer's applicable service rates when the Telephone Company performs the billing function for that customer.

- (8) When a Line Side switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been discontinued.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side

(A) Description

- (1) Trunk Side is provided at Telephone Company designated office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
- (2) Trunk Side 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 start-pulsing signals and answer and disconnect supervisory signaling.
- (3) Trunk Side switching is provided only with out of band SS7 signaling. With SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multi-frequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(A) Description (Cont'd)

(3) (Cont'd)

Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(a) Feature

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. This feature is available only in offices where technically feasible as indicated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. The signaling information is transmitted to the Telephone Company designated STP which may be provided by a separate entity.

The customer must arrange CCSAC facilities with the entity providing the STP in order to receive SS7 signaling from the Telephone Company. This feature is available with Trunk Side and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(A) Description (Cont'd)

- (4) Trunk Side switching, when used in the originating direction, is provided with multi-frequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multi-frequency, dial pulse address signals, or common channel signals will be provided by Telephone 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 Local Transport provided.
- (5) Trunk Side switching, when used in the terminating direction, may be used to access valid NXX's in the market area, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. 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.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.2 Trunk Side (Cont'd)(A) Description (Cont'd)

(5) (Cont'd)

Terminating Trunk Side switched access usage will be accepted over measurable direct trunking facilities or jointly used facilities in conjunction with information provided through Signaling System 7 (SS7) capabilities such that the Company is able to determine usage jurisdiction and responsible billing customer.

Additionally, non-access charges will also be billed for calls from a Trunk Side trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to local operator assistance (00- and 00+), Directory Assistance (411 and 555-1212), service codes, or 101XXXX access codes.

Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunk Side switching is combined with Directory Assistance switching. Trunk Side may not be switched, in the terminating direction, to Switched Access Service Trunk Side.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where Trunk Side switching is provided. When required by technical limitations, a separate trunk group will be established for each type of

Trunk Side switching arrangement provided. Different types of Trunk Side or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

- (7) The access code for Trunk Side switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all Trunk Side access provided to the customer by the Telephone Company. No access code is required for calls to a customer over Trunk Side Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in Section 9.3.3, following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.2 Trunk Side (Cont'd)(A) Description (Cont'd)

(7) (Cont'd)

For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+ NXX-XXXX, NPA + NXX-XXXX, 0 or 1+ NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD, 01 + CC + NN or 011 + CC + NN).

When the 101XXXX access code is used, Trunk Side switching also provides for dialing the digit 0 for access to the customer's operator.

- (8) Trunk Side switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify to which 101XXXX code its calls will be directed.
- (9) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or Toll Free Number Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or Toll Free Number Data Base traffic.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.2 Trunk Side (Cont'd)(A) Description (Cont'd)

(9) (Cont'd)

When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or Toll Free Number Data Base traffic.

- (10) Where facilities permit, the Telephone Company will, at the option of the customer, provide optional features. These optional features are described in Section 6.3.6, following.

- (11) Calling Party Number (CPN) provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for calls originating in the exchange. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is automatically provided with originating Trunk Side with SS7 signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(A) Description (Cont'd)

(11) (Cont'd)

(1) Restrictions on Use and Sale of CPN

(a) Interstate access customers of this tariff may use CPN in the following manner:

- (i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use CPN to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(A) Description (Cont'd)

(11) (Cont'd)

(1) Restrictions on Use and Sale of CPN (Cont'd)

(b) Interstate access customers of this tariff may not use CPN in the following manner:

- (i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- (ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.2 Trunk Side (Cont'd)

(B) Testing Capabilities

When Trunk Side with SS7 signaling option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer, the Telephone Company, and any agents contracted to provide CCSAC.

(C) Design and Traffic Routing

For Trunk Side, the Telephone Company shall design and route the traffic utilizing direct trunked transport.

For Trunk Side Direct Trunked Transport service, the Telephone Company will determine the routing of switched access service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to that hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.3 Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). Line Side Access is furnished on a per-line or per-trunk basis respectively. Trunk Side Access is furnished on a BHMC basis and or a per trunk basis as set forth in Section 5.2(C), preceding.

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

For Line Side, which is ordered per line, and Trunk Side when ordered on a per trunk basis, the customer specifies the type of transport facilities and the number of channels in the order for service.

For tandem transport, the Telephone Company will determine the number of transmission paths to be provided for the Switched Access Trunk Side busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in Section 5.3(A), preceding) for the end office for each Line Side and Trunk Side service ordered from a customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.3 Manner of Provisions (Cont'd)

There are two major BHC categories identified as Originating and Terminating. Originating BHCs represent access capacity for carrying traffic from the end user to the customer. Terminating BHCs represent access capacity for carrying traffic from the customer to the end user. When ordering capacity for Trunk Side Access, the customer must at a minimum specify access capacity in terms of Originating BHCs and/or Terminating BHCs. Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations, Originating BHCs are further categorized into Domestic, Toll Free Number, individual Interim NXX Translated Service Access Codes, Operator and IDDD. Domestic BHCs represent access capacity for carrying only domestic traffic other than Toll Free Number, individual Interim NXX Translated Service Access Codes and Operator traffic; IDDD BHCs represent access capacity for carrying only international traffic; and, Toll Free Number, individual Interim NXX Translated Service Access Codes and Operator BHCs represent access capacity for carrying, respectively, only Toll Free Number, individual Interim NXX Translated Service Access Codes or Operator traffic.

When ordering such types of access capacity, the customer must specify Domestic, Toll Free Number, individual Interim NXX Translated Service Access Codes, Operator or IDDD BHCs.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features(A) Optional Features(1) Common Switching Non-chargeable Optional Features(a) Call Denial on Line or Hunt Group

This option allows for the screening of terminating Line Side calls. There are two screening arrangements available with this option as follows: 1) limiting terminating calls for completion to only 411 or 555-1212, whichever is available, 611, 911, Toll Free Number and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the exchange, i.e., the call cannot be further switched or routed out of the exchange nor will calls be completed to 411 or 555-1212, whichever is available, 611, 911 or Toll Free Number. All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided in all Telephone Company electronic end offices. Arrangement 2 is provided where available. This feature is available with Line Side.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)(b) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for disallowing completion of calls to 00-, 555 and N11 (e.g., 411, 611 and 911). This feature is provided where available in all Telephone Company end offices. It is available with Line Side.

(c) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Line Side. All Line Side access services in the same hunt group must provide off-hook supervisory signaling from the same point in time in the call sequence, i.e., all off-hook supervisory signals must either be

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Nonchargeable Optional Features
(Cont'd)

(c) (Cont'd)

provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

(d) Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in hunt group. This feature is provided in Telephone Company electronic end offices only. It is available with Line Side.

(e) Non-hunting Number for Use with Hunt Group or
Uniform Call Distribution Arrangement

This option provides an arrangement for an individual line within a multi-line hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(e) (Cont'd)

busy tone when it is busy, when the non-hunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Line Side.

(f) Automatic Number Identification (ANI)

(1) This option provides the automatic transmission of a ten digits number and information digits to the customer designated premises for calls originating in the exchange, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with all individual transmission

(a) Paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(f) Automatic Number Identification (ANI) (Cont'd)

(1) (Cont'd)

(b) All individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.

(2) With both Line Side and Trunk Side services, technical limitations may exist in the Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except when an ANI equipment or program failure has occurred.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(f) Automatic Number Identification (ANI) (Cont'd)

- (3) The ten digits ANI telephone number is only available with Trunk Side. When a customer orders SS7 Signaling, ANI will be automatically provided where technically feasible. In instances where ANI is unavailable, the customer will automatically receive the Calling Party Number as specified in Section 6.3.6(A)(1)(y), following. The ten digits ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digits ANI telephone number. The ten digits ANI telephone number will be transmitted on all calls.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(f) Automatic Number Identification (ANI) (Cont'd)

(4) Additional ANI information digits are
available with Trunk Side only. They include:

- (a) Telephone number is identified line
- (b) Hotel/motel line
- (c) Coinless, hospital, inmate, etc., line

These information digits will be
transmitted as agreed to by the customer
and the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(f) Automatic Number Identification (ANI) (Cont'd)

(5) Restrictions on Use and Sale of ANI

a) Interstate access customers of this tariff
may use ANI in the following manner:

- i) For billing & collection information,
for routing, screening, and
completing the originating
subscriber's call or transaction, or for
services directly related to the
originating telephone subscriber's
call or transaction.

The customer may use ANI to offer a
product or service that is directly
related to the products or services
previously acquired from the
customer by the originating
subscriber.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(f) Automatic Number Identification (ANI) (Cont'd)

(5) Restrictions on Use and Sale of ANI (Cont'd)

b) Interstate access customers of this tariff may not use ANI in the following manner:

- i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- ii) Disclosing (except as permitted in (a), preceding), any information derived from the ANI for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)(g) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+ or 011+, or Service Access Code (e.g., 900)). It is provided in suitably equipped end office or access tandem switches and is available with Trunk Side.

(h) Alternate Traffic Routing

When the customer orders Direct Trunked Transport at the end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second customer designated premises.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)(h) Alternate Traffic Routing (Cont'd)

The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is only available with Trunk Side using SS7 signaling.

(i) Trunk Access Limitation

This option provides for the routing of originating Interim NXX Translated Service Access Code calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(i) Trunk Access Limitation (Cont'd)

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to Interim NXX Translated Service Access Codes to be switched in the end office to all transmission paths in a trunk group dedicated to that specific service at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to other customer.

(j) International Carrier Option

This option allows for Trunk Side end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)(j) International Carrier Option (Cont'd)

This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at the Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Trunk Side.

(k) End Office End User Line Service Screening for Use
with Special Access Service Utilized in the Provision
of WATS or WATS-Type Services

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Non-chargeable Optional Features
(Cont'd)⁷(k) End Office End User Line Service Screening for Use
with Special Access Service Utilized in the Provision
of WATS or WATS-Type Services (Cont'd)

Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices which are designated as WATS Serving Offices. It is available with Line Side and Trunk Side.

(l) Hunt Group Arrangement for Use with Special
Access Service Utilized in the Provision of WATS or
WATS-Type Services

This option provides the ability to sequentially access one of two or more Special Access Services utilized in the provision of WATS or WATS-type services (e.g. 800 Service Special access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with Line Side and Trunk Side.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(m) Uniform Call Distribution Arrangement for Use with
Special Access Service Utilized in the Provision of
WATS or WATS-Type Services

This option provides a type of multi-line hunting arrangement which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Line Side and Trunk Side.

(n) Non-hunting Number for Use with Hunt Group
Arrangement or Uniform Call Distribution
Arrangement for Use with Special Access Service
Utilized in the Provision of WATS or WATS-Type
Services

This option provides an arrangement for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multi-line hunt or uniform call distribution group that provides access to that

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Non-chargeable Optional Features
(Cont'd)

(n) Non-hunting Number for Use with Hunt Group
Arrangement or Uniform Call Distribution
Arrangement for Use with Special Access Service
Utilized in the Provision of WATS or WATS-Type
Services (Cont'd)

Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the non-hunting number is dialed. Where available, this feature is only provided in the Telephone Company designated WATS Serving Offices. It is available with Line Side and Trunk Side.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(2) Transport Termination Non-chargeable Optional Features(a) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available only on a directly trunked basis.

(i) Interim NXX Translation

Interim NXX Translation optional feature is an originating offering utilizing trunk side Switched Access Service. The service provides a customer identification function based on the dialed Interim NXX Translated Service Access Code (e.g., 900) and the NXX following the SAC. The Telephone Company provides for the forwarding of end user dialed 0+ and 1+ SAC-NXX-XXXX calls to the customer, based on the SAC-NXX dialed. Calls to the 900 SAC, however, will be forwarded only when the end user dials 1+900+NXX-XXXX. Calls made to 0+900+NXX-XXXX will be blocked.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features(a) Interim NXX Translation (Cont'd)

When an Interim NXX Translated Service Access Code call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originated from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked.

Technical limitations may require Interim NXX Translated traffic to be routed on separate trunk groups. Further separation may be required for individual Interim NXX Translated Service Access Codes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(3) Chargeable Optional Features (Cont'd)

(b) Toll Free Number Data Base Access Service

Toll Free Number Data Base Access Service is provided to all customers in conjunction with Trunk Side switched access service. When a 1+Toll Free Number+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an Toll Free Number data base to identify the customer to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified customer over Trunk Side switched access.

A Basic or Vertical Features Query charge, as set forth in Section 12.2.D, following, is assessed for each query launched to the data base which identifies the customer to whom the call will be delivered.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(3) Chargeable Optional Features (Cont'd)

(b) Toll Free Number Data Base Access Service

The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of Toll Free Number calls by telephone companies to different inter-exchange carriers based on the exchange in which the call originates.

The Vertical Feature Query provides the same customer identification as the basic query plus vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of Toll Free Numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of Toll Free Number calls based on factors such as time of day, place or origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3)).

Query charges as set forth in Section 12.2.D, following, are in addition to those charges applicable for the Trunk Side switched access service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(c) Flexible Automatic Number Identification (Flex ANI)

Flex ANI is a Common Switching Optional Feature that enhances the existing Automatic Number Identification (ANI) (described in 6.3.6(A)(3)(f) preceding), optional feature by allowing Trunk Side customers to receive additional information digits. Flex ANI provides additional values for these information digits over and above the values currently available with ANI and is used to identify additional call types, e.g., calls originating from LEC payphones, competitive payphones, and virtual private networks private virtual networks. Flex ANI can be used to provide Originating Line Screening (OLS) service. OLS service is described in 6.3.6(A)(3)(d).

Flex ANI information digits are two digits in length and are activated through switched software program updates. These codes precede the 10-digit directory number of the calling line and are part of the signaling protocol in equal access end offices. The information digits are outpulsed by the switching system along with the directory number from the originating end office and are sent to the receiving office for billing, routing, or special handling purposes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Services (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(c) Flexible Automatic Number Identification (Flex ANI)
(Cont'd)

Customers who have ANI but do not order Flex ANI, will continue to receive the information digits associated with ANI. Flex ANI digits are assigned by the North American Numbering Plan Administrator. The Telephone Company will make available those information digits that are mutually agreed to by the customer and the Telephone Company.

Flex ANI is available to customers with Trunk Side Switched Access Service equipped with ANI. Flex ANI is available in suitably equipped end offices as identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

A nonrecurring charge, as set forth in 12.4, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone company on a per end office, per Carrier Identification Code (CIC) basis.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Services (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation
Optional Features

(A) Optional Features (Cont'd)

(3) Chargeable Optional Features (Cont'd)

(d) Originating Line Screening (OLS) Service

The Telephone Company will provide OLS Service to aggregators and other customers who obtain local exchange service from the Telephone Company under its general or local exchange tariff. OLS service enables customers to determine whether there are billing restrictions on exchange service lines from which a call originates. OLS service delivers codes on operator assisted calls made from aggregator locations to identify, calls originating from privately owned payphones, and inmate locations, etc.

This charge is applied for each exchange service line to which an OLS code is assigned. The customer must specify the number of exchange service lines and each individual telephone number equipped.

6.4 Reserved for Future Use

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligation of the Telephone Company

In addition to the obligations of the Telephone Company as set forth in Section 2, preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2.4.3, preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligation of the Telephone Company (Cont'd)6.5.2 Design and Traffic Routing of Switched Access Service

For Trunk Side, the Telephone Company shall design and determine the routing of Switched Access Service. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only or two-way trunk groups. The Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire or optical trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements.

For Line Side, the line trunk directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines may be made available to the customer based on previously arranged

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligation of the Telephone Company (Cont'd)6.5.3 Provision of Service Performance Data (Cont'd)

intervals and format. These data provide information on overall end-to-end call completion and non-completion performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. The charges for provision of this data will be determined on an individual case basis.

6.5.4 Trunk Group Measurement Reports

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

6.5.5 Determination of Number of Transmission Paths

The following applies to Switched Access Voice Transmission paths, and does not apply to signaling connections provided with CCSAC. The number of transmission paths for CCSAC connections will be determined jointly by the Telephone Company and the customer.

For Line Side, which is ordered on a per line basis, and Trunk Side when ordered on a per trunk basis, the customer specifies the type of transport facilities and the number of channels in the order for service.

For direct trunked transport the Telephone Company will determine the number of transmission paths to be provided for the Trunk Side busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in Section 6.3.5, preceding) by end office for each Line Side and Trunk Side service ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths (Cont'd)

transmission paths using standard Telephone Company traffic engineering methods.

6.5.6 Design Blocking Measurement

The Telephone Company will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) and (B), following.

(A) For Line Side, no design blocking criteria applies.

For Trunk Side, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths requested to achieve this level of blocking.

(B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.6 Design Blocking Measurement (Cont'd)

(B) (Cont'd)

- (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

<u>Number of Transmission Paths Per Trunk Group</u>	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.6 Design Blocking Measurement (Cont'd)

(B) (Cont'd)

- (2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.7 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2.3, preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Supervisory Signaling

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

6.6.2 Trunk Group Measurement Reports

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations

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

6.7.1 Application of Rates and Charges(A) Nonrecurring Charges

Except as noted in Section 6.7.1(A)(4), following, nonrecurring charges apply to each installation of service as a one time charge. Nonrecurring charges are set forth in Section 12.2(A), following. Changes to existing services other than administrative changes will be treated as a discontinuance of the existing service and an installation of a new service.

(1) Installation of Service

A Local Transport nonrecurring installation charge as set forth in Section 12.2(A)1, following, will be applied at the serving wire center for each Entrance Facility installed. Additionally, an End Office nonrecurring installation charge as set forth in Section 12.2(A)2, following, will be applied at the end office on a per order basis for each Direct Trunked Transport facility, whether voice grade or DS1. A maximum of 24 trunks can be activated on a DS1 facility.

For example, if a customer orders a DS1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DS1 Installation nonrecurring charge at the serving wire center and one installation nonrecurring charge. If at a later date the customer requests the activation of three more circuits, the customer will then be charged one installation nonrecurring charge.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(2) Non-Chargeable Changes

The following administrative changes will be made without charge:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

(3) Customer Identification Function for Interim NXX Translation

Nonrecurring charges apply for the installation of the Interim NXX Translation feature and for each order received to add or change NXX translation codes. This charge applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied per Telephone Company, per order, per end office. In some cases, a charge is applied per NXX, in addition to the above charge.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(3) Customer Identification Function for Interim NXX Translation

If, due to technical limitations of the Telephone Company, a customer could not combine its Interim NXX traffic with its other trunk side Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

(B) Recurring Charges

All rates are premium rates, as this tariff applies to equal access office.

The specific application of these rates for a specific customer is dependent upon whether it is Line Side or Trunk Side, type of Entrance Facility, type of transport (e.g., Direct Trunked Transport, Tandem Switched Transport), type of Multiplexing.

(C) Toll Free Number Data Base Access Service

A Basic Query or a Vertical Feature Query charge applies for each query that is launched to an Toll Free Number Data Base and identifies the customer to whom the call will be delivered. The Query charge applied will depend on the features used in making the data base query. Queries using vertical service features outlined above will be charged the Vertical Feature Query charge. All other queries will be charged the Basic Query charge. Query charges, as set forth in Section 12.2(D), following, will only be applied by those companies whose wire centers are identified as assessing query charges in **National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.**

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.2 Minimum Periods

Switched Access Service is provided for a minimum period of one month.

6.7.3 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge is calculated as follows.

For usage rated Local Transport, Local Switching and Directory Assistance Information Surcharge rate elements, the minimum monthly charge is the sum of the charges set forth in Sections 12.2 (B) and 12.2.(C), following, for the measured usage for the month.

For flat rated Local Transport rate elements, the minimum monthly charge is the sum of the recurring charges set forth in Section 12.2(B), following, prorated to the number of days or major fraction of days based on a 30-day month.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded) by the Telephone Company. Originating and terminating calls will be measured (i.e., recorded) by the Telephone Company to determine the basis for computing chargeable access minutes. In the event customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will compute chargeable access minutes by estimating the volume of lost customer messages based on previously known values. This estimated customer message volume will be provided to the customer. For terminating calls over Line Side and Trunk Side, and for originating calls over Line Side (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers) and Trunk Side, the measured minutes are the chargeable access minutes. For originating calls over Line Side (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), chargeable originating access minutes are derived from recorded minutes in the following manner.

Step 1: Obtain recorded originating minutes and messages (measured as set forth in (C), following, for Line Side), when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Measuring Access Minutes (Cont'd)

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, Toll Free Number, individual Interim NXX Translated Service Access Codes, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleting attempts. The total NCTA is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompleting attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Measuring Access Minutes (Cont'd)

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$(1) \text{ Total Attempts} = 1,000 \text{ (M. Mes.)} \div .75 \text{ (CR)} = 1,333.33$$

$$(2) \text{ Total NCTA} = .4 \text{ (NCTA per Attempt)} \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} \\ = 7,000 \text{ (M. Min.)} + 533.33 \text{ (NCTA)} \\ = 7,533.33$$

Usage rated Line Side and Trunk Side access minutes are accumulated over the billing period for each end office. When the calculation of access minutes results in a fraction, the fraction will be rounded up to the nearest access minute for each end office.

(A) Line Side Usage Measurement

For originating calls over Line Side, usage measurement begins

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Measuring Access Minutes (Cont'd)(A) Line Side Usage Measurement (Cont'd)

when the originating Line Side entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over Line Side ends when the originating Line Side entry switch receives an on-hook supervisory signal 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 entry switch.

For terminating calls over Line Side, usage measurement begins when the terminating Line Side entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over Line Side ends when the terminating Line Side entry switch receives an on-hook supervisory signal 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 entry switch.

(B) Trunk Side Usage Measurement(1) Originating Usage

For originating calls over Trunk Side the measured minutes are the chargeable access minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(B) Trunk Side Usage Measurement (Cont'd)

(1) Originating Usage (Cont'd)

For originating calls over Trunk Side provided with Signaling System 7 (SS7) Signaling when the Trunk Side end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the service transfer Point (STP).

For originating calls over Trunk Side provided with Signaling System 7 (SS7) Signaling when the Trunk Side end office is routed through a tandem for connection to the customer, usage measurement begins when the Trunk Side end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over Trunk Side provided with SS7 Signaling ends when the originating Trunk Side end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(B) Trunk Side Usage Measurement (Cont'd)

(2) Terminating Usage

For terminating calls over Trunk Side the chargeable access minutes are either measured or derived.

For terminating calls over Trunk Side with SS7 Signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating Trunk Side call usage ends when the entry switch receives or sends a release message, whichever occurs first.

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ACCESS SERVICE

7. Special Access Service**7.1 General**

Special Access Service provides a transmission path to connect two or more customer designated premises* when all designated premises can be connected with facilities provided by the Telephone Company. If only a portion of the facilities can be provided by the Telephone Company, Special Access Service provides the transmission path necessary to connect customer designated premises in the Telephone Company's serving area with the interconnection point with another exchange telephone company. Special Access Service includes all exchange access which does not utilize Telephone Company end office switching.

7.1.1 Rate Elements

There are three basic rate elements which may apply to a Special Access Service.

(A) Channel Termination

The Channel Termination provides for the communication path between a customer designated premises and the serving wire center of that premises. One Channel Termination charge applies per customer designated premises, located in the serving area of the Telephone Company, at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building. The rates for Channel Termination are set forth in Sections 12.3(A)(1), 12.3(B)(1), 12.3(C)(1), and 12.3(D)(1), following.

Channel Termination is the only Special Access rate element to have both a recurring and non recurring charge applied. All other rate elements for Special Access have only recurring charges.

* Telephone Company Centrex CO switches are considered to be customer premises for purposes of this tariff.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.1 Rate Elements (Cont'd)(B) Channel Mileage

The Channel Mileage rate category provides for the end office equipment and the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company hub, between two Telephone Company hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office. Channel Mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s) and includes primarily outside plant used to provide the facility. Rates for Channel Mileage Facility are set forth in Sections 12.3(A)(2), 12.3(B)(2), 12.3(C)(2), and 12.3(D)(2), following.

(2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire centers and hubs), including circuit equipment. Channel Mileage Termination rate will apply at the serving wire center(s) for each customer designated premises and Telephone Company hub where the channel is terminated. If the Channel Mileage

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7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Rate Elements (Cont'd)

(B) Channel Mileage

(2) Channel Mileage Termination

is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub.

Rates for Channel Mileage Termination are set forth in Sections 12.3(A)(3), 12.3(B)(3), 12.3(C)(3), and 12.3(D)(3), following.

(C) Optional Features and Functions

Optional features and functions may be added to a Special Access Service to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment installed at various locations along the path of the service. Bridging and multiplexing are Optional Feature and Functions which must be performed at a Telephone Company hub office as described in Section 7.1.6, following.

Multiplexing Service is required when a customer orders High Capacity DS1 Direct Trunked Switched Access Service, or when a customer orders High Capacity DS1 Special Access for Voice Paths or a combination of voice and data paths. Rates for Multiplexing Service are described in Section 12.2(B)(5), following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Design Layout Report

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

7.1.3 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation the following parameters:

- (A) For Voice Grade analog services, acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For Metallic services, Program Audio, Digital Data, and High Capacity service, acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters is available at the customer's request. All test results will be made available to the customer upon request. The rates described in Section 12.4.2(B), following, for Additional Labor will apply when additional tests are performed.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.4 Service Descriptions

For the purposes of ordering, there are five categories of Special Access Service. These are Metallic (MT), Voice (VG), Program Audio (AP), Digital Data (DA), and High Capacity (HC).

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

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

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, or, between a customer designated premises and the WATS serving office.

South Central Rural Telephone Cooperative

ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.4 Service Descriptions (Cont'd)

- (A) Information pertaining to the technical specifications package described in Section 7.2, following, indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.
- (B) Only certain channel interface combinations are available with the predefined technical specification packages. These are delineated in the Technical References set forth in Section 7.1.4(E), following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.
- (C) The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards listed in the provision will be maintained at the performance levels specified in this tariff.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.5 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in Section 5., preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

7.1.6 Facility Hubs

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4 identifies serving wire centers, hub locations and the type of bridging or multiplexing functions available.

7.2 Channel Types and Service Descriptions

There are five basic types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

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

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces that they desire to meet specific communications requirements.

South Central Rural Telephone Cooperative

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

7.2.1 Metallic Service Channel Description

A Metallic channel is an unconditioned two-wire channel arranged to transmit direct current and capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

(A) Technical Specifications Packages

Parameter	<u>Package MT</u>			
	<u>C*</u>	<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance				
Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference TR-NPL-000336.

* All parameters are available within the ranges selected by the customer where technically feasible.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.2 Voice Grade Service Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3,000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub, or between a customer designated premises and a WATS serving office.

(A) Technical Specifications Package

	Package VG												
Parameter	C*	1	2	3	4	5	6	7	8	9	10	11	12
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Conditioning	X					X	X	X	X	X	X		
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Data Capability	X						X	X			X		
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation													
Distortion	X						X	X	X	X	X	X	
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and Dropouts	X												
Phase Jitter	X						X	X	X	X	X	X	
Signal-to-C													
Message Noise					X								
Signal-to-C													
Notch Noise	X					X	X	X	X	X	X	X	X

*** The desired parameters are selected by the customer from the list of available parameters.**

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Service Descriptions (Cont'd)7.2.2 Voice Grade Service Channel Description (Cont'd)(A) Technical Specifications Package

The technical specification for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical References TR-NPL-000334 and TR-TSY-000335. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

(B) Optional Features and Functions(1) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C Type Conditioning controls Attenuation Distortion and Envelope Delay Distortion.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end-link.

(a) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference TR-TSY-000335.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Service Descriptions (Cont'd)7.2.2 Voice Grade Service Channel Description (Cont'd)(B) Optional Features and Functions (Cont'd)(1) Conditioning (Cont'd)(a) C-Type Conditioning (Cont'd)

The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-3200	-2.0 to +6.0

Envelope Delay
Distortion

<u>Frequency Range (Hz)</u>	<u>Variation (micro- seconds)</u>
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Service Descriptions (Cont'd)7.2.2 Voice Grade Service Channel Description (Cont'd)(B) Optional Features and Functions (Cont'd)(1) Conditioning (Cont'd)(b) Data Capability (D Conditioning)

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or three-point multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are delineated in Technical Reference TR-TSY-000335.

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

7.2.3 Program Audio Service Channel Description

A Program Audio channel is a channel with a bandwidth measured in Hz for the transmission of a complex signal voltage. The channel is used for transmission of audio signals. Only one-way transmission is provided.

Program Audio Special Access services are typically used in full-time and part-time applications for radio broadcasting, noncommercial educational audio, and wired music. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.3 Program Audio Service Channel Description (Cont'd)

Rates and charges for Special Access Program Audio Service are as set forth in 12.3 following.

Gain conditioning and stereo treatment are optional features which will be provided at additional charge where requested.

(A) Technical Specifications Packages Program Audio Service

Parameter	SD Code NC Code	Package				
		<u>APC*</u>	<u>AP1</u>	<u>AP2</u>	<u>AP3</u>	<u>AP4</u>
		<u>PQ</u>	<u>PE</u>	<u>PF</u>	<u>PJ</u>	<u>PK</u>
Actual Measured Loss		X	X	X	X	X
Amplitude Tracking		X				
Crosstalk		X	X	X	X	X
Distortion Tracking		X				
Gain/Frequency Distortion		X	X	X	X	X
Group Delay		X				
Noise		X	X	X	X	X
Phrase Tracking		X				
Short-Term Gain Stability		X				
Short-Term Loss		X				
Total Distortion		X	X	X	X	X
<u>Optional Features and Functions</u>						
Central Office Bridging						
Capability		X	X	X	X	X
Gain Conditioning		X	X	X	X	X
Stereo		X				X

The technical specifications are described in Technical Reference TR-NPL-000337 and associated Addendum.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Services Descriptions (Cont'd)7.2.4 Digital Data Service

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 Kbps, and 64 Kbps Clear Channel (CC). The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises and a Telephone Company hub or hubs.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises.

Rates and charges for Special Access Digital Data Service are as set forth in Section 12.3.(C), following.

(A) Technical Specifications Packages and Network Channel Interfaces

- (1) The following network channel interfaces (NCIs) define the bit rates that are available for a Digital Data channel:

<u>NCI</u>	<u>Bit Rate</u>
PU-2.4	2.4 Kbps
PU-4.8	4.8 Kbps
PU-9.6	9.6 Kbps
PU-19.2	19.2 Kbps
PU-56	56.0 Kbps
PU-64	64.0 Kbps

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.4 Digital Data Service (Cont'd)

(A) Technical Specifications and Network Channel Interfaces (Cont'd)

(2) Technical Specifications Packages are set forth below:

	SD Code NC Code	Package			
		<u>D1</u> <u>XA</u>	<u>D2</u> <u>XB</u>	<u>D3</u> <u>XG</u>	<u>D4</u> <u>XH</u>
<u>Parameter</u>					
Error-Free Seconds		X	X	X	X
<u>Optional Features</u> <u>and Functions</u>					
Central Office					
Bridging Capability		X	X	X	X
PPSN Interface Transfer					
Arrangement		X	X	X	X
Transfer Arrangement		X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NPL-000341.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Services Descriptions (Cont'd)7.2.4 Digital Data Service (Cont'd)(B) Optional Features and Functions(1) Central Office Bridging Capability

Reserved for future use.

(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. This arrangement is only available at a Telephone Company designated hub. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a part of the option.

(3) Public Packet Switching Network (PPSN) Interface Arrangement

An arrangement that provides the interface requirements that permit a Digital Data Service to interface with a Public Packet Switching Network packet switch located in a Telephone Company premises. The interface is compatible with X.25 and X.75 packet switching protocols as defined by the CCITT.

The table set forth in Section 7.2.5(A), following, shows the technical specifications packages with which the optional features and functions are available.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Services Descriptions (Cont'd)7.2.5 High Capacity Service

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps**, 128***, 256***, 384***, 512*** Kbps or 1.544 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

** Available only as a channel of 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

*** 128, 256, 384, and 512 Kbps service is offered only where equipment and facilities are available.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.5 High Capacity Service (Cont'd)

(A) Technical Specifications Packages and Network Channel Interfaces

SD Code NC Code	Package					
	<u>HCO</u> <u>HS</u>	<u>HC1</u> <u>HC</u>	<u>HC1C</u> <u>HD</u>	<u>HC2</u> <u>HE</u>	<u>HC3</u> <u>HF</u>	<u>HC4</u> <u>HG</u>
<u>Parameters</u>						
Error-Free Seconds		X				
<u>Optional Features</u> <u>and Functions</u>						
Automatic Loop Transfer		X				
Central Office						
Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice		X				
DS1 to DSO		X				
DSO to Subrate*	X					
Transfer Arrangement		X				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

Compatible channel interfaces are set forth in Section 11.3.5(E), following:

* **Available only on a channel of 1.544 Mbps facility to a Telephone Company hub.**

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Services Descriptions (Cont'd)7.2.5 High Capacity Service (Cont'd)(A) Technical Specifications Packages and Network Channel Interfaces
(Cont'd)

The following network channel interfaces (NCIs) define the bit rates that are available for a High Capacity channel:

<u>NCI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

(B) Optional Features and Functions(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises.

* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps channel to a Telephone Company hub.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Channel Types and Services Descriptions (Cont'd)7.2.5 High Capacity Service (Cont'd)(B) Optional Features and Functions (Cont'd)(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

(3) Central Office Multiplexing(a) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data Service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.5 High Capacity Service (Cont'd)

(B) Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(b) DS1 to DSO

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(c) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(d) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(e) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(f) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.5 High Capacity Service (Cont'd)

(B) Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(b) DS0 to Subrate

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

The Technical Specifications Package High Capacity Service table set forth in Section 15.2.1 (G) of NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 5, shows the technical specifications packages with which the optional features and functions are available.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.5 High Capacity Service (Cont'd)

(C) Clear Channel Capability (CCC)

- (1) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or over a 1.544 Mbps High Capacity channel derived from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of one and zero bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference GR-54-CORE and Technical Reference GR-342-CORE.
- (2) CCC is provided, subject to availability of facilities, on DS1/1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed DS3/44.736 Mbps High Capacity channels or multiplexed DS1/1.544 Mbps High Capacity channels* between a Telephone Company hub office and a customer designated premises. The wire centers providing CCC are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.
- (3) The CCC optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity Service. The customer must agree to out-of-service periods required to add this feature to an existing High Capacity Service. The charges for the CCC optional feature are as set forth in 7.2.2(C)(3) preceding.

* Available only on a DS1-to-Digital multiplexed configuration.

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7. Special Access Service (Cont'd)

7.2 Channel Types and Services Descriptions (Cont'd)

7.2.5 High Capacity Service (Cont'd)

(D) DSL Access Service Connection

- (1) The DSL Access Service Connection function provides for the interconnection of a 1.544 Mbps or 44.736 Mbps High Capacity Service with ADSL Access Service as described in 8.1, following and Technical Reference ANSI T1.413-1998.

Rates and charges for the DSL Access Service Connection function are as set forth in 12.3(E), following. This function applies to each 1.544 Mbps or 44.736 Mbps High Capacity Service terminated at an DSL Access Service Connection Point.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Configurations

There are two types of service configurations over which Special Access Service are provided: two-point service and multipoint service.

7.3.1 Two-Point Service

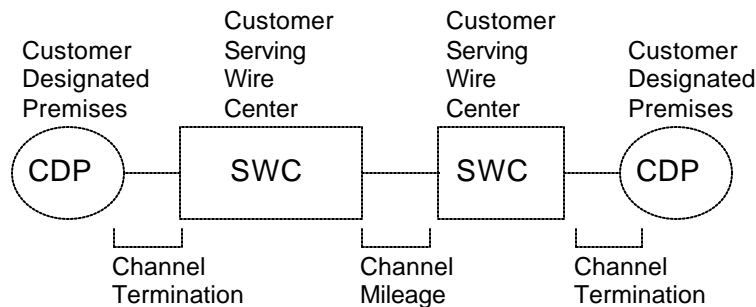
A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed, or a customer designated premises and a WATS Serving Office.

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in Section 7.4.4, following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises (CDP) located 15 miles apart.



Applicable rate elements are:

- Channel Terminations (1 applicable per CDP)
- Channel Mileage (1 section, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Configurations (Cont'd)7.3.2 Multipoint Service

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

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

Multipoint service utilizing a customized technical specifications package, as set forth in Section 7.1.4, preceding, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

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

Applicable Rate Elements are:

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

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ACCESS SERVICE

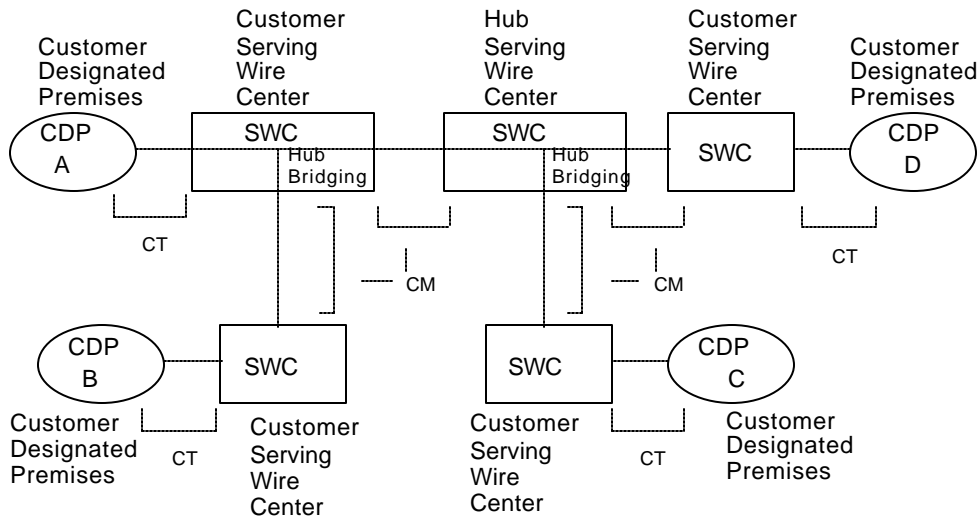
7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

7.3.2 Multipoint Service (Cont'd)

In addition, the Special Access Surcharge, as set forth in Section 7.4.4, following, following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs.



CT - Channel Termination
CM - Channel Mileage

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (4 sections, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations per section)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations

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

7.4.1 Application of Rates and Charges(A) Nonrecurring Charges

Nonrecurring Charges apply to each installation of service as a one time charge. Changes to existing services other than administrative changes described in Section 6.7.1, preceding, will be treated as a discontinuance of the existing service and an installation of a new service.

If an additional leg is added to an existing multipoint service, nonrecurring charges will only apply to the additional termination.

Nonrecurring charges apply for each Channel Termination installed and are set forth in Sections 12.3(A)(1), 12.3(B)(1), 12.3(C)(1), and 12.3(D)(1), following.

(B) Recurring Charges

Recurring charges apply to the ongoing provision of Special Access Service to the customer.

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

7.4.2 Minimum Periods

The minimum service period for all services except part-time Program Audio is one month. Part-time Program Audio services will be provided at minimum periods of one continuous 24-hour period, not limited to a calendar day.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.3 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company hub, two Telephone Company hubs or, the serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which this customer designated premises would normally obtain dial tone.

Mileage charges are shown in Sections 12.3(A)(2), 12.3(B)(2), 12.3(C)(2), and 12.3(D)(2), following. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, then multiply the resulting number of miles times the Channel Mileage Facility per mile rate, and add the Channel Mileage Termination Rate for each termination. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates.

When hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to hub, hub to hub and/or hub to customer designated premises serving wire center. However, when any service is routed through a hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes). Rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.4 Mixed Use Analog and Digital High Capacity Services

Mixed use refers to a rate application applicable only when the customer orders High Capacity Special Access facilities between a customer designated premises and a Telephone Company hub where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services. If the customer has Switched Access Service between a customer designated premises and an end office that is multiplexed at a Telephone Company hub and subsequently orders the derived channels as Special and Switched Access Service, rates and charges will apply as if the service were ordered as mixed use.

Except as noted above, the High Capacity facility will be ordered, provided and rated as Special Access Service (i.e., channel Termination, Channel Mileage, as appropriate, and Multiplexing Arrangement). The nonrecurring charge that applies when the mixed use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination.

Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the mixed use facility.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.4 Mixed Use Analog and Digital High Capacity Services (Cont'd)

When Special Access Service is provided utilizing a channel of the mixed use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable, rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Channel Termination, Channel Mileage, and Multiplexing rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.).

Switched Access Service rates and charges, as set forth in Section 12.2, following, will apply for each channel that is used to provide a Switched Access Service. Additionally, the Switched Access Service Entrance Facility, Direct Trunked Transport, and Multiplexing charges, if applicable, will be calculated by multiplying their respective rates by the ratio of derived Switched Access Service channels to the total number of channels that can be derived.

The customer must place an order for each individual Switched or Special Access Service utilizing the Mixed Use Facilities and specify the channel assignment for each such service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Individual Case Filings

Certain services set forth in Special Access Service, Section 7, are provided on an Individual Case Basis. Rates and charges for Special Access Service provided on an Individual Case Basis as set forth in Section 12 following.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services

Digital Subscriber Line Access Services provide transmission services over local exchange service facilities that can be used for simultaneous voice and data communications. Service is provided, where available, between customer designated premises and designated Telephone Company Serving Wire Centers.

8.1 Asymmetric Digital Subscriber Line Access Service**8.1.1 General**

Asymmetric Digital Subscriber Line (ADSL) Access Service enables data traffic generated by a customer provided modem to be transported to a DSL Access Service Connection Point using the Telephone Company's local exchange service facilities. A DSL Access Service Connection Point is an interconnection point designated by the Telephone Company that aggregates data traffic from and to Telephone Company ADSL equipped Serving Wire Centers (SWCs). The DSL Access Service Connection Point is located within the operating territory of the Telephone Company for connections to Special Access Services.

When the DSL Access Service Connection Point is located within the Telephone Company's operating territory, the customer's ADSL Access Service must be connected to a single telecommunications service provider's (TSP's) customer designated premises using the Telephone Company's Special Access Services.

ADSL Access Service is available as one service option, i.e., ADSL Voice-Data.

- (A) The ADSL Voice-Data option provides transmission of data signals at a peak data transmission speeds of 512 kbps upstream and 1.544 Mbps downstream using the Telephone Company's existing local exchange service line. This option may be used for simultaneous voice and data communications.

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ACCESS SERVICE

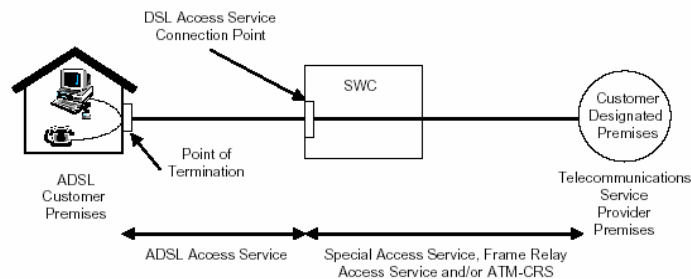
8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

A generic view of how ADSL Access Service could be interconnected with a TSP's network is depicted in the figures following. In the first example, the customer's ADSL-equipped Serving Wire Center and associated DSL Access Service Connection Point are located in the same office within the Telephone Company's operating territory. The ADSL Access Service customer orders ADSL Access Service pursuant to the provisions specified in this section. The ADSL Access Service customer's TSP orders Special Access Services,

ADSL ACCESS SERVICE



8.1.2 Limitations

ADSL Access Service is available as two service options as described above. Unless otherwise specified in Section 8.1.6, following, ADSL Access Service is at a maximum upstream speed of 512 kbps (i.e., from the customer's equipment up to the DSL Access Service Connection Point) and a maximum downstream speed of 1.544 Mbps (i.e., from the DSL Access Service Connection Point down to the customer's equipment). These peak speeds are not guaranteed by the Telephone Company due to factors that may affect the actual speeds delivered, including the ADSL Access Service customer's distance from the Telephone Company Serving Wire Center, condition of the existing local exchange service facilities, and any capacity limitations in the TSP's network design.

The Telephone Company does not provide customer premises equipment (CPE) in conjunction with the ADSL Access Service offering.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)8.1.2 Limitations (Cont'd)

ADSL Access Service may not be used in conjunction with multi-point Special Access Service configurations as described in Section 7.1.3, preceding. ADSL Access Service will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ADSL-equipped Serving Wire Centers, DSL Access Service Connection Point Serving Wire Centers, and, if applicable, DSL Transport Hub Serving Wire Centers in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4. ADSL Access Service will be provided over existing Telephone Company local exchange service facilities. When the customer orders the ADSL Voice-Data option, the rates and regulations for ADSL Access Service are in addition to any rates and regulations that apply for the associated local exchange service line provided under the terms and conditions in the Telephone Company's general and/or local exchange service tariffs. The Telephone Company will automatically disconnect the ADSL Access Service Voice-Data option when the associated local exchange service line is disconnected for any reason. Rates and regulations for Special Access Services provided under this tariff will apply for the access service(s) provided between the TSP's customer designated premises and the DSL Access Service Connection Point, as described in Section 7, preceding,

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.3 Undertaking of the Telephone Company

The Telephone Company will provide ADSL Access Service at rates and charges as set forth in Section 12.5 (A), as follows:

- (A) The Telephone Company will determine if the associated local exchange service line or facilities are suitable for use with the ADSL Access Service option ordered by the customer. Service will not be provided on lines that the Telephone Company determines are not suitable for ADSL Access Service or on lines that produce interference with other services provided by the Telephone Company.
- (B) The Telephone Company, after determining if the facilities are suitable for ADSL Access Service, will notify the customer if any additional CPE is necessary to support ADSL Access Service.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.4 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ADSL Access Service:

- (A) The customer is responsible for providing the Telephone Company with the necessary information to provision ADSL Access Service (e.g., customer name, telephone number and premises address; billing name and address when different from the customer name and premise address; its internet Protocol (IP) address; and the contact name and telephone number of the TSP with which the customer's ADSL Access Service will interconnect).
- (B) The customer is responsible for providing and maintaining all required customer provided equipment (CPE), which is compatible with ADSL Access Service and complies with the standards specified in Technical Reference ANSI T1.413-1998, except as otherwise specified in 8.1.6, following.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations

This section contains the regulations governing the rates and charges that apply for ADSL Access Service. Regulations governing the rates and charges for the Special Access Services provided under this tariff used in conjunction with ADSL Access Service are as specified in Section 7.

(A) Minimum Period

The minimum period for which ADSL Access Service is provided to a customer and for which charges are applicable is one month.

(B) Moves

A move involves a change in the physical location of one of the following: - The Point of Termination at the ADSL Access Service customer designated premises - The ADSL Access Service customer designated premises The provisions for moves of ADSL Access Service are the same as those described in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 5, except that an Access Order Charge will not apply to move orders for the ADSL Access Service Voice-Data option.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(C) Temporary Suspension of Service

When the associated local exchange service line over which the ADSL Voice-Data option is provided is temporarily suspended, the ADSL Access Service and one-half of the ADSL Line Charge monthly rate will be temporarily suspended for the time period that the associated local exchange service is suspended.

(D) Rate Categories

There are three types of rates and charges applicable to ADSL Access Service. These are a monthly rate, a nonrecurring charge and a network reconfiguration charge.

The monthly rate for the ADSL Line Charge applies each month or fraction thereof for each ADSL Voice-Data option ordered by the customer.

A nonrecurring charge applies for each ADSL Voice-Data ordered by the customer for the installation of ADSL Access Service. The nonrecurring charge will be waived for each new ADSL Voice-Data option Access Line ordered when the customer commits to retain the ADSL Access Line for a minimum period of 12 months following installation of service. If the ADSL Access Line is disconnected for any reason prior to the end of the 12-month minimum commitment period other than for ADSL option conversions as described below, the Telephone Company will bill the customer an amount equal to the waived nonrecurring charge.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)8.1.5 Rate Regulations (Cont'd)

(D) Rate Categories (Cont'd)

All changes to existing ADSL Access Service (e.g., a change of TSP and restoral of the ADSL Access Service following a disconnect for non-payment of charges and/or a disconnect of the associated local exchange service line for any reason), other than changes involving ADSL option conversions, DSL network reconfigurations and administrative activities, as described below, will be treated as a discontinuance of the existing service and an installation of a new service. A nonrecurring installation charge will apply per ADSL Access Service line for this work activity.

The Telephone Company will not bill the waived nonrecurring charge on an ADSL option conversion when the customer provides the Telephone Company with 30 days notice of its intent to convert and commits to retain the new ADSL Access Service option for a new minimum 12-month period.

A DSL Network Reconfiguration Charge applies when the ADSL Access Service customer's TSP requests the Telephone Company to modify the Telephone Company's network to:

- 1) accommodate a change in the ADSL Access Service customer's existing IP address or
- 2) limit the data speed delivered over the customer's existing ADSL Access Service line. This charge applies for each request per ADSL Access Service line. The Telephone Company will bill the DSL Network Reconfiguration Charge to the ADSL Access Service customer's TSP.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(D) Rate Categories (Cont'd)

The following administrative changes will be made without charge to the customer:

- Change of customer premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone),
- Change of billing account number,
- Change of agency authorization that requires no changes to the Telephone Company's network,
- Change of customer contact name or telephone number, and
- Change of jurisdiction.

Rates and charges for ADSL Access Service are as set forth in Section 12.5(A), following.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.6 Exceptions

(A) The Telephone Company offers ADSL Access Service as described in 8.1 preceding, with the following exceptions:

- (1) In lieu of the provision specified in 8.1.3(B), preceding, the Telephone Company, after determining if the facilities are suitable for ADSL Access Service, will notify the customer if the customer's CPE is compatible with the equipment deployed in the Telephone Company's Serving Wire Center and, if any additional CPE is necessary to support ADSL Access Service
- (2) In lieu of the provision specified in 8.1.4(B), preceding, the customer is responsible for providing and maintaining all required customer provided equipment (CPE), which is compatible with ADSL Access Service.

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ACCESS SERVICE

9. Additional engineering, additional labor and miscellaneous services

In this section, normally scheduled working hours are an employee's scheduled work period on any given business day which totals eight (8) hours.

9.1 Additional Engineering

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

- (A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in Sections 6.5.7 and 7.1.2, preceding.
- (B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in Section 7.2, preceding.

The Telephone Company will notify the customer that additional engineering charges will apply before any additional engineering is undertaken.

9.1.1 Charges for Additional Engineering

The charges for additional Engineering are as shown in Section 12.4(A), following.

9.2 Additional Labor

Additional labor is that labor requested by the customer on a given service and agreed to by the Telephone Company. The Telephone Company will notify the customer that additional labor charges will apply before any additional labor is undertaken. Additional labor charges apply to the services described in Sections 9.2.1 through 9.2.6, following.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.2 Additional Labor (Cont'd)

9.2.1 Overtime Installation

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

9.2.2 Overtime Repair

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

9.2.3 Stand By

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

9.2.4 Testing and Maintenance with Other Telephone Companies

Additional labor charges apply for additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies. This is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

9.2.5 Testing Services

Testing Services other than those described in other parts of this tariff will be provided at the hourly rates described if requested by the customer. Testing will be provided subject to the availability of equipment and qualified personnel.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.2 Additional Labor (Cont'd)

9.2.6 Other Labor

Other labor is that additional labor incurred to accommodate a specific customer request that involves labor which is not covered by any other section of this tariff. It also covers additional labor necessary to meet customer requests as described in Section 5, preceding.

9.2.7 Charges for Additional Labor

The charges for Additional Labor are shown in Section 12.4(B), following.

9.3 Miscellaneous Services

9.3.1 Maintenance of Service

- (A) When a customer reports a trouble to the Telephone Company for clearance and the trouble is not in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge for the period of time from when Telephone Company personnel are dispatched to the customer's premises to when the work is completed.
- (B) The charges for Maintenance of Service are shown in Section 12.4(C), following.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.2 Programming Services

- (A) Programming charges apply when a request by a customer for information concerning the access services provided to the customer result in the creation of new computer software or the modification of existing software in order to provide the requested information.

The Telephone Company will notify the customer that additional programming charges will apply before any additional programming is undertaken.

- (B) The charges for Programming Services are shown in Section 12.4(D), following.

9.3.3 Presubscription

Pursuant to the Federal Communications Commission's Memorandum Opinion and Order, CC Docket No. 83-1145, Phase I, adopted May 31, 1985, and released June 12, 1985, the Allocation Plan, outlined in Appendix B of this Order, will be available for inspection in the Public Reference Room of the Tariff Division at the Federal Communications Commission's Washington D.C. location or may be obtained from the Commission's commercial contractor.

- (A) Presubscription is the process by which end user customers may select and designate to the Telephone Company an IC to access, without an access code, for market area, interstate calls. This IC is referred to as the end user's predesignated IC.

South Central Rural Telephone Cooperative

ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription (Cont'd)

(B) End users may select one of the following options at no charge:

- indicate a primary IC for all of its lines,
- indicate a different IC for each of its lines.

Only one IC may be selected for all of the end user's lines, or lines terminating in the same hunt group.

End users may designate that they do not want to presubscribe to any IC. The end user must arrange this designation by directly notifying the Telephone Company's business office. This choice will require the end user to dial an access code (101XXXX) for all interstate calls.

After the end user's initial selection of a predesignated IC or the designation that they do not want to presubscribe to any IC, for any change in selection after conversion to equal access in the serving end office, a nonrecurring charge, as set forth in Section 12.4(E), following, applies.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription (Cont'd)

- (C) New end users who are served by end offices equipped with Trunk Side will be asked to presubscribe to an IC at the time they place an order with the Telephone Company for Telephone Exchange Service. There will be no charge for this initial selection. They may select either of the following options:

- designate a primary IC for all of its lines,
- designate a different IC for each of its lines.

Only one IC may be selected for each individual line, or lines terminating in the same hunt group. Subsequent to the installation of Telephone Exchange Service and after the end user's initial selection of a predesignated IC, for any change in selection, the nonrecurring charge set forth in Section 12.4(E), following, applies.

- (D) If the new end user fails to designate an IC as its predesignated IC prior to the date of installation of Telephone Exchange Service, the Telephone Company will require the end user to dial an access code (101XXXX) for all interstate calls.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription (Cont'd)

(E) Unauthorized PIC Change

If an IC requests a Primary Inter-exchange Carrier (PIC) change on behalf of a billed party (e.g., an end user or the designator of the PIC for a pay telephone), 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 its previously selected IC. No charge will apply to the billed party for this reassignment.

The Unauthorized Presubscription Change Charge as set forth in 12.4(H) will apply to the IC that requested the unauthorized PIC change.

9.3.4 Blocking Services

Central office blocking service is offered only where technically feasible.

(A) International Blocking Service

The Telephone Company will provide International Blocking Service to end users and Line Side Switched Access Service customers.

On each line for which International Blocking Service is ordered, the Telephone Company will block all international direct dialed calls that use the call sequence of 011+ or 101XXXX-011+. When capable, the Telephone Company will route the blocked calls to a recorded message.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.4 Blocking Services (Cont'd)

(A) International Blocking Service (Con't)

A nonrecurring charge as set forth in Section 12.4.2(F)(1), following, will apply to orders adding or removing International Blocking Service that are placed subsequent to the initial installation of the associated exchange line(s) or Line Side Switched Access line(s). This charge does not apply when an exchange line or Line Side Switched Access line is disconnected.

(B) 900 Blocking Service

900 Service Access Restriction prevents access to the 900 network. When customers dial a 0+ or 1+ 900 pay-per-call number from a restricted telephone number, the 900 call is blocked.

Charges associated with 900 Service Access Restriction will be waived, on a one-time basis, to customers who request a new line for a period of 60 days after the new line is installed. Other than the above exception, charges for 900 Blocking Service apply as found in Section 12.4.2(F)(2), following.

Requests by customers to remove 900 Service Access Restriction must be submitted in writing to the Telephone Company.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)9.3 Miscellaneous Services (Cont'd)9.3.5 Bill Name and Address Information

Inter-exchange carriers, enhanced service providers, and independent service providers may request Billing Name and Address (BNA) information of the Telephone Company or the Telephone Company's contracted billing agent for a specifically stated Billed Telephone Number (BTN). This information is to be used only for billing purposes, order entry, customer service, fraud prevention, and identification of end users who have moved from one location to another. Under no circumstances shall this information be used for marketing purposes.

The Telephone Company will provide this information on a per-request basis, using rates specified in Section 12.4(G), following. Information will be provided for all BTNs except those that are unpublished or unlisted and are assigned to subscribers who have provided the Telephone Company with written instructions forbidding the release of BNA for their assigned numbers. For all other subscribers, BNA will be released for third number billed, collect calls, 101XXXX calls, and calling card calls.

Requests for BNA must be submitted in writing. BTNs must be listed in ascending numeric order. The request must be accompanied by: 1) carrier identification code, 2) specific BTNs for which BNA is requested, and 3) contact name and number for verification.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)9.3 Miscellaneous Services (Cont'd)9.3.5 Bill Name and Address Information (Cont'd)

BNA will be provided in written form within a two-week interval from receipt of the request.

9.3.6 Central Office (CO) Implemented Coin Line

- A. Central Office Implemented Coin Line provides coin signaling. It is a line side connection from the local exchange switch to the point of demarcation at the customer premise. The line is purchased from the company's local tariff, while the features may be purchased from either the local tariff or this Federal tariff.
- B. Features are additives to the operation of a flat rate access line that provides for CO Implemented coin line service. The Company offers those features that are provided by the functionality of the Company's switches. These include coin supervision, coin control (collect and return of coins, if applicable), and answer supervision. CO implemented coin line features that are implemented by the functionality of an operator service provider, such as coin rating, coin refund, repair referral, and operator call screening, are the responsibility of the Payphone service provider (Customer).
- C. CO Implemented Coin Line features, including coin line signaling, coin collect and return (where applicable) and answer supervision, are provided by the Telephone Company per the technology available from the Company's facilities. It shall be the responsibility of the CO Implemented Coin Line payphone owner to assure technical and operational compatibility with the coin line features offered by the Telephone Company.

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ACCESS SERVICE

9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.6 Central Office (CO) Implemented Coin Line (Cont'd)

D. CO Implemented Coin Line Features includes the bundled elements of answer supervision and coin collection and return. Answer Supervision provides signaling on the line notifying the line that the called party has answered. Coin Collection and Return provides an electrical signal on a CO Implemented Line indicating to the payphone equipment to collect or return coin(s) to the calling party.

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ACCESS SERVICE

10. Special Construction**10.1 General**

This section addresses special construction of Telephone Company facilities which are used to provide services offered under this tariff.

When special construction is required, as described in Section 10.2, following, the provisions of this section apply in addition to regulations, rates, and charges set forth in other sections of this tariff.

Regulations and rates will be added to this tariff for each specific application of Special Construction. The customer will provide written authorization to the Telephone Company prior to the commencement of any Special Construction.

10.2 Conditions Requiring Special Construction

Special construction is required when suitable facilities are not available to meet a customer's order for service and one or more of the following conditions exist:

- The Telephone Company has no other requirement for the facilities constructed at the customer's request;
- The customer requests that service be furnished using a type of facility, or via a route, other than that which the Telephone Company would otherwise utilize in furnishing the requested service;
- The customer requests the construction of more facilities than are required to satisfy its order for service;
- The customer requests construction be expedited, resulting in added cost to the Telephone Company;
- The customer requests that temporary facilities be constructed until permanent facilities are available .

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ACCESS SERVICE

11. Interface Groups, Transmission Specifications And Channel Interfaces

11.1 contains Switched Access Service Options (which are comprised of Interface Groups, Supervisory Signaling, Entry Switch Receive Level and Local Transport Termination) and Transmission Specifications.

11.1 Switched Access Service

Ten Interface Groups are provided for terminating the Local Transport Entrance Facility at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, and at the option of the customer, the Entrance Facility may be provided with optional features as set forth in 11.1.1 following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer designated premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer designated premises in order to provide the voice frequency interface ordered by the customer.

11.1.1 Local Transport Interface Groups

Interface Groups are combinations of technical parameters which describe the Telephone Company handoff at the point of termination at the customer designated premises. The technical specifications concerning the available interface groups are set forth in (A) through (D) following.

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ACCESS SERVICE

11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)

Interface Group 1 is provided with Type C Transmission Specifications and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on whether it is either Line Side or Trunk Side and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters. The detail specifications are set forth respectively in 11.1.2(A) and (E) following,

Only certain premises interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary between Line Side and Trunk Side.

(A) Interface Group 1

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with Trunk Side when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with Trunk Side when the first point of switching provides only four-wire terminations.

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ACCESS SERVICE

11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(A) Interface Group 1 (Cont'd)

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

The interface is provided with loop supervisory signaling. When the interface is associated with Line Side, such signaling will be loop start or ground start signaling. When the interface is associated with Trunk Side, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(B) Interface Group 2

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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

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ACCESS SERVICE

11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.1 Local Transport Interface Groups (Cont'd)

(B) Interface Group 2 (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with Line Side, such signaling will be loop start or ground start signaling. When the interface is associated with Trunk Side, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(C) Interface Groups 3 through 5

Interface Groups 3 through 5 provide analog transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the frequencies illustrated following, with the capability to channelize voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Groups are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive the transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interfaces are provided with individual transmission path SF supervisory signaling.

<u>Interface Group Identification No.</u>	<u>Transmission Frequency Bandwidth</u>	<u>Analog Hierarchy Level</u>	<u>Maximum No. of Channelized Voice Freq. Trans. Paths</u>
3	60 - 108 kHz	Group	12
4	312 - 552 kHz	Supergroup	60
5	564 - 3084 kHz	Mastergroup	600

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(D) Interface Groups 6 through 10

Interface Groups 6 through 10 provide digital transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the nominal bit rates illustrated following, with the capability to channelize voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, a DS1 signal(s) in D3/D4 format.

The interfaces are provided with individual transmission path bit stream supervisory signaling.

<u>Interface Group Identification No.</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>	<u>Max. No. of Channelized Voice Freq. Trans. Paths</u>
6	1.544	DS1	24
7	3.152	DS1C	48
8	6.312	DS2	96
9	44.736	DS3	672
10	274.176	DS4	4032

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following features in association with Local Transport.

When the 64 Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply.

- Customer Specification of Local Transport Termination

Customer Specification of Local Transport Termination allows the customer to specify, for Line Side routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the first point of switching in lieu of a Telephone Company selected two-wire termination. This option is available only when the Line Side arrangement is provided with Type B Transmission Specifications.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features (Cont'd)

- Supervisory Signaling

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

- 64 Clear Channel Capability

64 Clear Channel Capability allows the customer to transport voice or data signals over a 64 Kbps channel with no constraints on the quantity or sequence of ones and zero bits. This option employs the Bipolar 8 Zero Suppression (B8ZS) technique to permit customers to use the full 64 Kpbs bandwidth of a DS0 channel. It is only available in suitably equipped electronic end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF NO. 4. 64 Clear Channel Capability, as described in Technical Reference GR-334-CORE, is available with Interface Groups 6 and 9 for Trunk Side with Signaling System 7 (SS&) signaling.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(E) Local Transport Optional Features (Cont'd)

The Interface Groups, as described in (A) through (D) preceding, represent industry standard arrangements. Where transmission parameters permit, the customer may select the following optional signaling arrangements in place of the signaling arrangements standardly associated with the Interface Groups.

- For Interface Groups 1 and 2 associated with Trunk Side

DX Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

- For Interface Group 2 associated with Trunk Side and in addition to the preceding

SF Supervisory Signaling, or
Tandem Supervisory Signaling

- For Interface Groups 3 through 5

Optional Supervisory Signaling Not Available

- For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company

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ACCESS SERVICE

11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features (Cont'd)

central offices. Generally such signaling is available only where the first point of switching provides an analog (i.e., non-digital) interface to the transport termination.

These optional Supervisory Signaling arrangements not available in combination with the SS7 optional feature as described in 6.8.2(C)(2) preceding.

Additionally, in (F) following, there is a matrix of available Premises Interface Codes as a function of Interface Group, Telephone Company Switch Supervisory Signaling and Line Side/Trunk Side.

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ACCESS SERVICE**11. Access Service Interfaces and Transmission Specifications (Cont'd)****11.1 Switched Access Service (Cont'd)****11.1.1 Local Transport Interface Groups (Cont'd)****(F) Available Premises Interface Codes**

Following is a matrix showing premises interface codes which are available for each Interface Group. Their availability is a function of the Telephone Company switch supervisory signaling and Line Side/Trunk Side.

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Side Line Trunk</u>
1	LO	2LS2	X
	LO	2LS3	X
	GO	2GS2	X
	GO	2GS3	X
	LO, GO	2DX3	X
	LO, GO	4EA3-E	X
	LO, GO	4EA3-M	X
	LO, GO	6EB3-E	X
	LO, GO	6EB3-M	X
	RV, EA, EB, EC	2DX3	X
	RV, EA, EB, EC	4EA3-E	X
	RV, EA, EB, EC	4EA3-M	X
	RV, EA, EB, EC	6EB3-E	X
	RV, EA, EB, EC	6EB3-M	X
	EA, EB, EC	6EC3	X
	RV	2RV3-0	X
	RV	2RV3-T	X
	SS7	2NO2	X
2	LO, GO	4SF2	X
	LO, GO	4SF3	X
	LO	4LS2	X
	LO	4LS3	X
	LO	6LS2	X

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ACCESS SERVICE11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(F) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Side Line Trunk</u>
2 (Cont'd)	GO	4GS2	X
	GO	4GS3	X
	GO	6GS2	X
	LO, GO	4DX2	X
	LO, GO	4DX3	X
	LO, GO	6EA2-E	X
	LO, GO	6EA2-M	X
	LO, GO	8EB2-E	X
	LO, GO	8EB2-M	X
	LO, GO	6EX2-B	X
	RV, EA, EB, EC	4SF2	X
	RV, EA, EB, EC	4DX2	X
	RV, EA, EB, EC	6DX2	X
	RV, EA, EB, EC	6EA2-E	X
	RV, EA, EB, EC	6EA2-M	X
	RV, EA, EB, EC	8EB2-E	X
	RV, EA, EB, EC	8EB2-M	X
	EA, EB, EC	8EC2-M	X
	RV	4RV2-O	X

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(F) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Side Line Trunk</u>
	RV	4RV2-T	X
	SS7	4NO2	X
3	LO, GO	4AH5-B	X
	RV, EA, EB, EC	4AH5-B	X
	SS7	4AH5-B	X
4	LO, GO	4AH6-C	X
	RV, EA, EB, EC	4AH6-C	X
	SS7	4AH6-C	X
5	LO, GO	4AH6-D	X
	RV, EA, EB, EC	4AH6-D	X
	SS7	4AH6-D	X

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(F) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Side Line Trunk</u>
6	LO, GO	4DS9-15	X
	LO, GO	4DS9-15L	X
	RV, EA, EB, EC	4DS9-15	X
	RV, EA, EB, EC	4DS9-15L	X
	SS7	4DS9-15	X
7	LO, GO	4DS9-31	X
	LO, GO	4DS9-31L	X
	RV, EA, EB, EC	4DS9-31	X
	RV, EA, EB, EC	4DS9-31L	X
	SS7	4DS9-31	X
8	LO, GO	4DS0-63	X
	LO, GO	4DS0-63L	X
	RV, EA, EB, EC	4DS0-63	X
	RV, EA, EB, EC	4DS0-63L	X
	SS7	4DS0-63	X

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.1 Local Transport Interface Groups (Cont'd)(F) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Side Line Trunk</u>
9	LO, GO	4DS6-44	X
	LO, GO	4DS6-44L	X
	RV, EA, EB, EC	4DS6-44	X
	RV, EA, EB, EC	4DS6-44L	X
	SS7	4DS6-44	X
10	LO, GO	4DS6-27	X
	LO, GO	4DS6-27L	X
	RV, EA, EB, EC	4DS6-27	X
	RV, EA, EB, EC	4DS6-27L	X
	SS7	4DS6-27	X

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications

Descriptions of the transmission specifications available with either Line Side or Trunk Side as a function of the Interface Group selected by the customer, are set forth in (A) through (B) following. Descriptions of each of the these Standard Transmission Specifications and the two Data Transmission Parameters mentioned are set forth respectively in (C) through (E) and 11.1.3(A) and (B) following:

(A) Line Side

Line Side is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with Line Side to the first point of switching.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(B) Trunk Side

Trunk Side is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DB Data Transmission Parameters are provided with Trunk Side for the transmission path between the customer designated premises and the end office when directly routed to the end office. Type DA Data Transmission Parameters are provided for the transmission path between the customer designated premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

(C) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(C) Type A Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ? 2.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(C) Type A Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(6) Standard Return Loss

Standard Return Loss expressed as Echo Return Loss and Singing Return Loss on two-wire ports of a four-wire point of termination shall be equal to or greater than:

<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
5 dB	2.5 dB

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.2 Standard Transmission Specifications (Cont'd)(D) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ? 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(D) Type B Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBmCO.

(5) Echo Control

Echo Control, identified as Impedance Balance for Line Side and Equal Level Echo Path Loss for Trunk Side, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Line Side/Trunk Side, type of termination, and type of transmission path. They are greater than or equal to the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem		
- Terminated in		
4-Wire trunk	21 dB	14 dB
- Terminated in		
2-Wire trunk	16 dB	11 dB

* **For Trunk Side only Type B2 will be provided. For Line Side, Type B1 or B2 will be provided as set forth in Technical Reference GR-334-CORE.**

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(D) Type B Transmission Specifications (Cont'd)

(5) Echo Control Cont'd)

POT to End Office

- Direct	16 dB	11 dB
- Via Access Tandem		

(6) Standard Return Loss

Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss

5 dB

Singing Return Loss

2.5 dB

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ACCESS SERVICE

11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.2 Standard Transmission Specifications (Cont'd)

(E) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ? 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.2 Standard Transmission Specifications (Cont'd)(E) Type C Transmission Specifications (Cont'd)(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Trunk Side only Type C2 will be provided. For Line Side, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.2 Standard Transmission Specifications (Cont'd)(E) Type C Transmission Specifications (Cont'd)(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	13 dB	6 dB
POT to End Office - Direct	13 dB	6 dB

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.3 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Line Side/Trunk Side arrangements. Type DB is provided with Line Side and also with Trunk Side when Trunk Side is directly routed to the end office. Type DA is only provided with Trunk Side and only when routed via an access tandem. Following are descriptions of each.

(A) Data Transmission Parameters Type DA(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.3 Data Transmission Parameters (Cont'd)(A) Data Transmission Parameters Type DA (Cont'd)(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to or greater than	
50 route miles	900 microseconds

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than	
50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.3 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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11. Access Service Interfaces and Transmission Specifications (Cont'd)11.1 Switched Access Service (Cont'd)11.1.3 Data Transmission Parameters (Cont'd)(B) Data Transmission Parameters Type DB(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

1004 to 2404 Hz

less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

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11. Access Service Interfaces and Transmission Specifications (Cont'd)

11.1 Switched Access Service (Cont'd)

11.1.3 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
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Third Order (R3)	34 dB
------------------	-------

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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12. Rates and Charges12.1 General

The rates and charges for the services offered in this tariff are shown in the following section. Reference is made for each rate element to the appropriate tariff Section where the regulations describing application of the rate are located.

12.1.1 End User Access Service(A) End User Common Line (EUCL)

	<u>Monthly Rates</u>	<u>Tariff Section Reference</u>
Each individual line or trunk or each individual Centrex CO line or trunk	*	4.5(B)

12.1.2 Federal Universal Service Charge

(A) FUSC:	<u>Percentage</u>	3.2
Surcharge Factor	*	

* **For both End User Common Line (EUCL) and Federal Universal Service Charge (FUSC) the Telephone Company concurs with the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 5.**

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12. Rates and Charges (Cont'd)12.2 Switched Access Service

	<u>Rates</u>	<u>Tariff Section Reference</u>
(A) <u>Non Recurring Charges</u>		
(1) <u>Local Transport – Installation</u>		
Per Entrance Facility		
(a) Voice Grade Four-Wire	ICB	6.7.1(A)(1)
(b) High Capacity DS1	ICB	6.7.1(A)(1)
(2) <u>Local Transport-Installation</u>		
Per End Office Facility	\$376.00	6.7.1(A)
(3) <u>Interim NXX Translation</u>		
Per Order, Per End Office	\$ 76.00	6.3.6(A)(3)(a)
(B) <u>Local Transport*</u>		
<u>Premium Access</u>		
(1) <u>Entrance Facility</u>		
Per Termination		
(a) Voice Grade Four-Wire	\$14.87	6.2(A)(1)(a)
(b) High Capacity DS1	\$39.78	6.2(A)(1)(a)

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in Section 6.2(A)(3) and 6.2(A)(4), preceding.

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12. Rates and Charges (Cont'd)12.2 Switched Access Service (Cont'd)

	<u>Rates</u>	<u>Tariff Section Reference</u>
(B) <u>Local Transport*</u> <u>Premium Access</u> (Cont'd)		
(2) Tandem Switched Transport		
(a) Tandem Switched Transport Facility		
- Per Minute Mile	\$ 0.00010	6.2(a)(2)(b)
(B) Tandem Switched Transport Termination		
- Per Minute	\$ 0.00016	6.2(a)(2)(b)
(3) Reserved for Future Use		
(4) <u>Direct Trunked Transport</u>		
(a) Direct Trunked Facility Per Mile		
- Voice Grade	\$1.06	6.2(A)(2)(a)
- High Capacity DS1	\$6.90	6.2(A)(2)(a)
(b) Direct Trunked Termination Per Termination		
- Voice Grade	\$10.66	6.2(A)(2)(a)
- High Capacity DS1	\$34.02	6.2(A)(2)(a)
(c) Direct Trunked Entrance Facility Per		
- Voice Grade-2 Wire	\$16.04	6.2(A)(2)(a)
- Voice Grade-4 Wire	\$25.66	6.2(A)(2)(a)
- High Capacity DS1	\$68.65	6.2(A)(2)(a)

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12. Rates and Charges (Cont'd)12.2 Switched Access Service (Cont'd)

	<u>Rates</u>	<u>Tariff Section Reference</u>
(5) <u>Multiplexing, Per Arrangement</u>		
- DS4 to DS1	ICB	
- DS3 to DS1	\$474.31	
- DS2 to DS1	ICB	
- DS1C to DS1	ICB	
- DS1 to Voice	\$183.12	6.2(A)(1)(d)
- DS1 to DS0	\$183.12	
- DS1 to Subrates:		
- Up to 20 (2.4 Kbps services)	\$390.00	
- Up to 10 (4.8 Kbps services)	\$265.00	
- Up to 10 (4.8 Kbps services)	\$235.00	
(C) <u>End Office Premium Access</u>		
(1) <u>Local Switching</u>		
LS2 (Line Side & Trunk Side)	\$0.001554	6.2(B)(1)
(2) <u>Reserved For Future Use</u>		
(3) <u>Directory Assistance Info. Surcharge</u>		
(Per 100 Access Minutes)	\$0.02920	6.2(B)(3)

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in Section 6.2(A)(3) and 6.2(A)(4), preceding.

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12. Rates and Charges (Cont'd)12.2 Switched Access Service (Cont'd)

	<u>Rates</u>	<u>Tariff Section Reference</u>
(D) <u>Toll Free Number Data Base Access Service</u>		
1. <u>Basic Rate</u> - per query	\$.009250	6.3.6(A)(3)(b)
2. <u>Vertical Features Rate</u> - per query (replaces basic rate)	\$.009450	6.3.6(A)(3)(b)

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12. Rates and Charges (Cont'd)

12.3 Special Access Service

	<u>Monthly Rates</u>	<u>Non Recurring Charges</u>	<u>Tariff Section Reference</u>
(A) <u>Voice Grade Channel,</u>			
(1) <u>Channel Termination</u> per termination*			
Two-Wire	\$16.04	\$75.00	7.1.1(A)
Four-Wire	\$25.66	\$75.00	7.1.1(A)
(2) <u>Channel Mileage</u> <u>Facility</u> per mile	\$ 1.06		7.1.1(B)(1)
(3) <u>Channel Mileage</u> <u>Termination</u> per termination	\$10.66		7.1.1(B)(2)
(B) <u>Metallic Channel</u>			
(1) <u>Channel Termination</u> per termination*			
Two-Wire	\$ 9.62	\$230.00	7.1.1(A)
(2) <u>Channel Mileage</u> <u>Facility</u> per mile	\$ 0.89		7.1.1(B)(1)
(3) <u>Channel Mileage</u> <u>Termination</u> per termination	\$12.79		7.1.1(B)(2)

* The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in Section 7.1.4, preceding.

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12. Rates and Charges (Cont'd)

12.3 Special Access Service (Cont'd)

	<u>Monthly Rates</u>	<u>Non Recurring Charges</u>	<u>Tariff Section Reference</u>
(C) <u>Digital Data</u>			
(1) <u>Channel Termination</u> per termination*			
2.4 to 19.2 Kbps	\$29.51	\$150.00	7.1.1(A)
56-64 Kbps**	\$29.51	\$205.80	
DS1	\$68.65	\$251.00	
DS3	\$659.03	\$251.00	
(2) <u>Channel Mileage</u> <u>Facility</u> per mile			
2.4 to 19.2 Kbps	\$ 1.01		
56-64 Kbps**	\$ 1.43		7.1.1(B)(1)
DS1	\$ 6.90		
DS3	\$47.52		
(3) <u>Channel Mileage</u> <u>Termination</u> per termination			
2.4 to 19.2 Kbps	\$10.12		
56-64 Kbps**	\$14.38		7.1.1(B)(2)
DS1	\$34.02		
DS3	\$199.47		

* The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in Section 7.1.4, preceding.

** 64 Kbps Clear Channel is offered only where equipment and facilities are available.

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ACCESS SERVICE

12. Rates and Charges (Cont'd)12.3 Special Access Service (Cont'd)

	<u>Monthly Rates</u>	<u>Non Recurring Charges</u>	<u>Tariff Section Reference</u>
(D) High Capacity			
(1) <u>Channel Termination</u> per termination*			
44.736 MBbps	\$68.65	\$210.00	7.1.1(A)
1.544 MBbps	\$659.03	\$210.00	7.1.1(A)

* The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in Section 7.1.4, preceding.

** 64 Kbps Clear Channel is offered only where equipment and facilities are available.

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ACCESS SERVICE

12. Rates and Charges (Cont'd)

12.3 Special Access Service (Cont'd)

	<u>Monthly Rates</u>	<u>Non Recurring Charges</u>	<u>Tariff Section Reference</u>
(D) <u>High Capacity</u> (Cont'd)			
(2) <u>Channel Mileage Facility</u> per mile			
1.544 MBbps	\$6.90	ICB	7.1.1(B)(1)
44.736 MBbps	\$47.52	ICB	7.1.1(B)(1)
(3) <u>Channel Mileage Termination</u> per termination			
1.544 MBbps	\$34.02	ICB	7.1.1(B)(2)
44.736 MBbps	\$199.47	ICB	7.1.1(B)(2)
(E) DSL Access Service Connection			
- per 1.544 Mbps	\$69.00	\$170.00	7.2.5(D)
- per 44.736 Mbps	\$660.00	\$555.00	7.2.5(D)

* The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in Section 7.1.4, preceding.

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12. Rates and Charges (Cont'd)12.4 Miscellaneous Services

	Basic time, scheduled <u>working hours</u>	Overtime, outside scheduled <u>working hours</u>	Tariff Section <u>Reference</u>
(A) <u>Additional Engineering Periods</u>			
Per engineer, 1/2 hour or fraction thereof,	\$17.00	\$25.50	9.1
(B) <u>Additional Labor</u>			
Per technician, 1/2 hour or fraction thereof,	\$17.00	\$25.50	9.2
(C) <u>Maintenance of Service</u>			
Per technician, 1/2 hour or fraction thereof,	\$17.00	\$25.50	9.3.1
(D) <u>Programming Services</u>			
Per programmer, 1/2 hour or fraction thereof,	\$30.00	\$45.00	9.3.2

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12. Rates and Charges (Cont'd)12.4 Miscellaneous Services (Cont'd)

	<u>Per Line Per Request</u>	<u>Tariff Section Reference</u>
(E) <u>Presubscription</u>	\$ 0.00	9.3.3
(F) <u>Blocking Services</u>		9.3.5
1. <u>International Blocking Service</u>	\$ 37.23	
2. <u>900 Blocking Service</u>		
a. Blocking	\$ 15.00	
b. Unblocking	\$ 15.00	
(G) <u>Billing Name and Address Information</u>		9.3.6
Per Request Incidence	\$ 0.80	

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ACCESS SERVICE

12. Rates and Charges (Cont'd)12.4 Miscellaneous Services (Cont'd)

	<u>Per Line Per Request</u>	<u>Tariff Section Reference</u>
(H) <u>Unauthorized PIC Change</u>		
- Residence/Business Per Telephone Exchange Service line or trunk	\$35.65	9.3.3
- Public and/or Semi- public pay telephone Per Telephone Exchange Service line or trunk	\$57.57	
(I) <u>CO Implemented Coin Line Features and Functions</u>	<u>Monthly Rate</u> \$2.21	
(J) Reserved for Future Use		
(K) Originating Line Screening (OLS)/ Flex ANI Service	<u>Nonrecurring Rate</u>	
- Per exchange access line	\$2.93	6.3.6

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ACCESS SERVICE

12. Rates and Charges (Cont'd)12.5 Digital Subscriber Line Access Services(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1, preceding.

<u>ADSL Line Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
- Per Voice-Data Option	\$5.81	\$25.00	8.1.5(C)