VALOR TELECOMMUNICATIONS OF TEXAS, LLC D/B/A WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD 202200007 Order No.

OKLAHOMA FSA (CT)
INDEX
Second Revised Sheet No. 1
Cancels First Revised Sheet No. 1

FACILITIES FOR STATE ACCESS

Regulations, Rates and Charges Applicable to

Facilities for Intrastate Access, Ancillary and Miscellaneous Services

provided by

Valor Telecommunications of Texas, LLC dba Windstream Communications Southwest

(CT)

to Intrastate Customers

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

ISSUED: January 31, 2022 EFFECTIVE: January 31, 2022

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CONCURRING CARRIERS
No Concurring Carriers

CONNECTING CARRIERS
No Connecting Carriers

OTHER PARTICIPATING CARRIERS No Other Participating Carriers

EXPLANATION OF SYMBOLS

(AT) - To signify addition to text. - To signify a correction (C) (CP) - To signify change in practice - To signify change in rate (CR) - To signify a change in text (CT) - To signify discontinued rate (DR) - To signify a change in format lettering or numbering (FC) (MT) - To signify moved text

(MT) - To signify moved text (NR) - To signify new rate (RT) - To signify removal of text

EXPLANATION OF ABBREVIATIONS

AAM - Assumed Access Minutes ac - alternating current

ACAT - Additional Cooperative Acceptance Testing

ACD - Automatic Call Distributer

AIOD - Automatic Identification of Outward Dialed

AM - Access Minutes

ANI - Automatic Number Identification

ARD - Automatic Ringdown
ASG - Access Services Group
ASR - Access Service Request
AST - Automatic Scheduled Testing

AT&TC - American Telephone and Telegraph Communications, Inc.

BHMC - Busy Hour Minutes of Capacity

BP - Billing Percentage

BSA - Basic Serving Arrangement
BSE - Basic Serving Element
CCS - Centum Call-Seconds

CCSA - Common Control Switching Arrangement(s)

CDL - Customer Designated Location

CDM - Call Days in Month

CFA - Connecting Facility Assignment CMF - Chargeable Minimum Factor

COMPS - Central Office Maintenance Planning System

Cont'd - Continued

CST - Cooperative Scheduled Testing

CSU - Circuit Switching Unit

EXPLANATION OF ABBREVIATIONS (Cont'd)

DA - Digital Data Access
DAM - Distance in Airline Miles

dB - Decibel

dBm - Decibels below one milliwatt

dBmO - Transmission Level Referred to the Zero Transmission Level

Point

dBrnCO - Decibel Reference Noise C-Message Weighted O

dBv - Decibels Referred to One Volt

dc - direct current
DDS - Digital Data Service
DTMF - Dual Tone Multifrequency

DX - Duplex

ECCKT - Exchange Carrier Circuit ID ELEPL - Equal Level Echo Path Loss

E&M - The Receive and Transmit Leads of a Signaling System

EML - Expected Measured Loss

EPL - Echo Path Loss ERL - Echo Return Loss

f - frequency

FCC - Federal Communications Commission FCO - Foreign Central Office Service FSA - Facilities for Intrastate Access FNPA - Foreign Numbering Plan Area

GSEC - General Services and Equipment Code

HC - High Capacity

HNPA - Home Numbering Plan Area

Hz - Hertz

IA - Interface Arrangement
IC - Interexchange Carrier
ICB - Individual Case Basis
ICDDD - Carrier Desired Due Date

IDDD - International Direct Distance Dialing

ILP - Initial Liability Period IP - Interconnection Point

IPIC - IntraLATA Primary Exchange Carrier

kbps - kilobits per second

kHz - kilohertz

LATA - Local Access and Transport Area

LEC - Local Exchange Carrier

Ma - Milliamperes

Mbps - Megabits per second

MHz - Megahertz

MJU - Multi-Junction Unit
MRC - Monthly Recurring Charge
MST - Manual Scheduled Testing
MTL - Maximum Termination Liability

ISSUED: August 23, 2006 EFFECTIVE: August 23, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

EXPLANATION OF ABBREVIATIONS (Cont'd)

NA - Not Available

NANP - North American Numbering Plan NECA - National Exchange Carrier Association

NPA - Numbering Plan Area NRC - Nonrecurring Charge NST - Nonscheduled Testing

NXX - Three Digit Central Office Code

OPS - Off-Premises Station

PBX - Private Branch Exchange PCM - Pulse Code Modulation

PIC - InterLATA Primary Exchange Carrier

POT - Point of Termination

RMC - Recurring Monthly Charge

rms - root-mean-square

SCFA - Secondary Connecting Facility Assignment

SF - Single Frequency
SRL - Singing Return Loss
STR - Switched Transport Rate

TDCF - Total Day Conversion Factor TLP - Transmission Level Point

TV - Television

UL - Under Utilization Liability

VG - Voice Grade

V&H - Vertical & Horizontal

WA - Wideband Analog

WATS - Wide Area Telecommunications Service

REFERENCE TO OTHER TARIFFS

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

REFERENCE TO TECHNICAL PUBLICATIONS

- (1) NECA Technical Reference Publication AS No. 1 Issued March, 1984; entire issue
 - Addendum Issued March, 1987
- (2) GTE Technical Interface Reference Manual, Issue 2 Issued August, 1984, Revised December 1985, August 1986 and October 1988; Sections 3300, 5107, 6000, 6103 and 7000
- (5) American National Standards Institute Publication ANSI T1.102, Issued 1987
- (5) American National Standards Institute Publications, for the service category of Frame Relay:

T1.602-1989, Issued 1988

T1.606-1990, Issued 1989

T1.617-1991, Issued 1991

T1.618-1991, Issued 1991

- (3) Underwriters Laboratory Publication UL 94, Issued 1990
- (1) AT&T Technical Reference Publication 41014 Issued February, 1978; entire issue
- (2) GTE Service Corporation Telephone Operations Traffic Grade of Service Standards, Issued April, 1985; entire issue
- (4) Bellcore Technical Reference Publication

TR-TSV-000905, Issue 1, August, 1989

TR-NWT-000499, Issue 4, November, 1991

TR-NWT-000063, Issue 4, July, 1991

TR-TSY-000191, Issue 1, May, 1986

TR-TSY-000487, Issue 1, July, 1989

TR-NPL-000320, Issue 1, April, 1988

- (4) Multiple Exchange Carrier Access Billing (MECAB) Guidelines Issued December, 1991.
- (4) Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines Issued November, 1989.

REFERENCE TO NECA TARIFFS

- (1) NECA Tariff FCC No. 4
- (1) Available from the Federal Communications Commission's commercial contractor.
- (2) Available from Testmark Labs, 3050 Harrodsburg Rd., Lexington, Kentucky 40503.
- (3) Available from Underwriters Laboratory, Inc. Attention: Publications, 333 Pfingsten Rd., Northbrook, Illinois 60062.
- (4) Available from Bellcore, Customer Service, 8 Corporate Place, Piscataway, New Jersey 08854-4196.
- Available from American National Standards Institute, 1430 Broadway, New York, NY 10018.

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

Reference is made in this tariff, pursuant to Special Permission No. 90-674 to the following National Communications System documents pursuant to the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System:

Section 6.4(E)(8) ## NCS Manual 3-1-1 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990.

Section 6.4(F)(4) ## NCS Handbook 3-1-2 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook", dated July 9, 1990.

Available from Government Printing Office, Superintendent of Documentation, Document Control Branch, 941 North Capitol Street, N.E., Washington, DC 20401.

1. APPLICATION OF TARIFF

- 1.1 This tariff contains regulations, rates and charges applicable to Carrier Common Line, Switched Access and Special Access, in combination, as Facilities for Intrastate Access, hereinafter referred to as FSA, provided by Valor Telecommunications of Texas, LP OK dba Windstream Communications Southwest, hereinafter referred to as Windstream or the Telephone Company to customers. This tariff further provides for Ancillary and Miscellaneous Services. This tariff does not apply to other services offered by the Telephone Company.
- 1.2 Regulations, rates and charges as specified in this tariff apply to FSA and shall not serve as a substitute for IC tariff offerings of services to end users. The provision of such FSA by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with an IC for the furnishing of any service.

2.

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2. GENERAL REGULATIONS

2.1 <u>Undertaking of the Telephone Company</u>

2.1.1 Scope

- (A) (Reserved for Future Use)
- (B) The Telephone Company does not undertake to transmit calls or offer a telecommunications service under this tariff.
- (C) The Telephone Company shall be responsible only for the installation, operation, and maintenance of the services which it provides.
- (D) The Telephone Company will, for maintenance purposes, test its FSA only to the extent necessary to detect and/or clear troubles. Testing beyond normal parameters will be done as described in Section 6.
- (E) FSA are provided twenty-four hours daily, seven days per week.

2.1.2 Limitations

(A) The customer may not assign or transfer the use of FSA provided under this tariff except that, where there is no interruption of use or relocation of the FSA, such assignment or transfer may be made to:

another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such FSA, and the unexpired portion of the minimum period and the termination liability applicable to such FSA, if any; or

a court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such FSA, if any.

In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer which acknowledgment shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

The assignment or transfer of FSA does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

(B) The emergency provisioning and restoration of FSA shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority system for such activities. Section 6.4 describes the service arrangement.

2. REGULATIONS (Cont'd)

- 2.1 Undertaking of the Telephone Company (Cont'd)
 - 2.1.2 Limitations (Cont'd)
 - (C) (Reserved for Future Use)
 - (D) The Telephone Company does not warrant that its facilities and services meet standards other than those in this tariff.

2.1.3 Liability

- (A) The Telephone Company's liability, if any, for willful misconduct is not limited by this tariff. With respect to any other claim or suit by a customer for damages associated with the installation, provision, termination, maintenance, repair or restoration of FSA, and subject to the provisions of (B) through (D), the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the FSA for the period during which the provision of FSA was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a credit allowance for a provision of FSA interruption.
- (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) (Reserved for Future Use)
- (D) The Telephone Company shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the use of FSA offered under this tariff. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions, involving:
 - Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communications;
 - Claims for patent infringement arising from combining or using the FSA furnished by the Telephone Company in connection with facilities or equipment furnished by the customer; or
 - All other claims arising out of any act or omission of the customer in the course of using FSA provided pursuant to this tariff.
- (E) The Telephone Company does not guarantee or make any warranty with respect to its FSA when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to the FSA so provided. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions.
- (F) Except in the case of willful misconduct, under no circumstances whatever shall the Telephone Company be liable for indirect, incidental, special or consequential damages; and this disclaimer shall be effective notwithstanding any other provisions hereof.

2. GENERAL REGULATIONS (Cont'd)

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

2.1.3 Liability (Cont'd)

- (G) No license under patents is granted by the Telephone Company to the customer or shall be implied or arise by estoppel in the customer's favor with respect to any circuit, apparatus, system or method used by the customer in connection with FSA provided under this tariff. With respect to claims of patent infringement made by third persons, the Telephone Company will defend, indemnify, protect and save harmless the customer from and against all claims arising out of the use by the customer of FSA provided under this tariff.
- (H) The Telephone Company's failure to provide or maintain FSA under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the interruption allowance provisions.
- (I) The Telephone Company shall reimburse the customer for damages to premises or equipment of the customer resulting from the provision of FSA by the Telephone Company on such premises, or by the installation or removal thereof, caused by the negligence or willful act of the Telephone Company.

2.1.4 Provision of FSA

- (A) The Telephone Company, to the extent that such FSA are or can be made available with reasonable effort, and after provisions have been made for the Telephone Company's local service, will provide to the customer, upon reasonable notice, FSA offered in other applicable sections of this tariff at rates and charges specified therein.
- (B) FSA provided to a customer under this tariff may be connected directly to customer facilities and/or may be connected to access facilities of another telephone company or companies in the joint provision of intrastate access.

2.1.5 <u>Installation and Termination of FSA</u>

The FSA 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 location, and (B) will be installed by the Telephone Company to such point of termination.

2.1.6 Maintenance of FSA

- (A) The FSA provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any FSA 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.
- (B) (Reserved for Future Use)

2. GENERAL REGULATIONS (Cont'd)

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. Paragraph 68.110 (b), the Telephone Company may, where such action is reasonably required in the operation of its business, substitute, change, or rearrange any telephone plant used in providing FSA under this tariff, change minimum network protection criteria, change operating or maintenance characteristics of facilities, or change operations or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the facility parameters will be within generally accepted standards. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change, or rearrangement materially affects the operating characteristics or technical parameters of the FSA, as originally ordered by the customer, the Telephone Company will notify the customer in writing prior to making such substitution, change or rearrangement. Notification will be given as follows:

- Should a major change occur, the Telephone Company shall notify the customer at least one year in advance. A major change is described as any change in telephone plant which will affect the technical parameters of the interface (e.g., level, impedance, signaling, interface, bandwidth, two-wire, four-wire, etc.).
- Should a minor change occur, the Telephone Company shall notify the customer at least thirty days in advance. A minor change is described as any change in telephone plant which will not affect the technical parameters of the interface (e.g., level, impedance, signaling, interface, bandwidth, two-wire, four-wire, etc.).

The Telephone Company will work cooperatively with the customer relative to the redesign and implementation required by the change in operating characteristics.

2.1.8 Discontinuance and Refusal of FSA

- (A) Unless the provisions of 2.2.2(B) or 2.5.1 apply, if the customer fails to comply with the provisions of 2.1.6, 2.3.1, and 2.4.1(D), or if applicable, 2.5.3 and 2.5.4 including any payments to be made by it on the dates or at the times herein specified, and fails within thirty (30) days after written notice, by certified mail, from the Telephone Company to a person designated by the customer to correct such noncompliance, the Telephone Company may discontinue the provision of the FSA to the noncomplying customer. In case of such discontinuance, all applicable charges shall become due.
- (B) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of a FSA or group of FSA, and fails to correct such course of action after notice as in (A), the Telephone Company may refuse applications for additional FSA to the noncomplying customer until the course of action is corrected.

2. GENERAL REGULATIONS (Cont'd)

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

2.1.8 Discontinuance and Refusal of FSA (Cont'd)

- (C) If the National Exchange Carrier Association, Inc., notifies the Telephone Company that the Customer has failed to comply with Section 8 of the National Exchange Carrier Association, Inc., Tariff FCC No. 5 (Lifeline Assistance and Universal Service Fund charges) 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 these actions:
 - refuse additional applications for service,
 - refuse to complete any pending orders for service,
 - 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 Preemption of FSA

In certain instances, i.e., when spare facilities and/or equipment are not available, it may be necessary to preempt existing services to provision or restore National Security Emergency Preparedness (NSEP) Services. If, in its best judgement, the Telephone Company deems it necessary to preempt, then the Telephone Company will ensure that:

- (A) A sufficient number of public switched services are available for public use if preemption of such services is necessary to provision or restore NSEP Service.
- (B) The service(s) preempted have a lower or do not contain NSEP assigned priority levels.
- (C) A reasonable effort is made to notify the preempted service customer of the action to be taken.
- (D) A credit allowance for any preempted service shall be made in accordance with the provisions in Section 2.4.4(A).

2.1.10 <u>Limitation of Use of Metallic Facilities</u>

Except for loop and duplex (DX) type signaling, metallic facilities shall not be used for ground return or split pair operation. Signals applied to the metallic facility shall conform to minimum protection criteria for direct electrical connections as in Part 68 of the FCC Rules and Regulations. In the case of applications of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limitation devices to protect the Telephone Company FSA from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excess noise.

Interoffice metallic facilities are limited and requests for metallic facilities will only be provided where available. DC (Metallic) and telegraph-grade facilities and services will be discontinued effective November 3, 1991. Interoffice metallic facilities (wire pairs) are in diminishing supply, and can be expected to become less available as optical fiber is deployed and wire cables are removed.

2. GENERAL REGULATIONS (Cont'd)

- 2.2 <u>Use</u>
 - 2.2.1 (Reserved for Future Use)
 - 2.2.2 <u>Interference or Impairment</u>
 - (A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company, and associated with the FSA provided under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its connecting and concurring carriers, or other telephone companies involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to their employees or to the public.
 - (B) Except as provided for equipment or systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. Paragraph 68.108, if such characteristics or methods of operation are not in accordance with (A), the Telephone Company will, where practicable, notify the customer, as appropriate, that temporary discontinuance of the use of FSA may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of FSA if such action is reasonable in the circumstances. In case of such temporary discontinuance the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, allowance for interruption of FSA as in 2.4.4 is not applicable.

2.2.3 Unlawful Use of FSA

The FSA are furnished subject to the condition that they will not be used for an unlawful purpose. FSA will be discontinued if any law enforcement agency, acting within its apparent jurisdiction, advises in writing that such FSA are being used in violation of law. The Telephone Company will refuse to furnish FSA when it has reasonable grounds to believe that such FSA will be used in violation of law.

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone Company facilities utilized to provide FSA 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. The amount of reimbursement shall be the actual cost of repair to the damaged facilities including labor costs as specified in 6.2(G).

2.3.2 Theft

The customer shall reimburse the Telephone Company for any loss through theft of facilities, apparatus, or equipment utilized to provide FSA under this tariff at the customer designated location or at the end user's premises. The amount of reimbursement shall be the actual cost for replacement of facilities, apparatus, or equipment lost, plus labor costs as specified in 6.2(G).

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 FSA under this tariff at the points of termination of such FSA. The equipment space provided shall meet industry standard environmental conditions. 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 spaces at reasonable times for installing, repairing or removing facilities of the Telephone Company.

- 2.3.4 (Reserved for Future Used)
- 2.3.5 (Reserved for Future Use)

2.3.6 Availability for Testing

The FSA 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 FSA 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. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.7 Balance

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

2.3.8 Design of Customer Services

Subject to the provisions of 2.1.7, the customer shall be solely responsible at its expense for the overall design of its services. The customer shall be responsible at its own expense, for any redesigning or rearrangement of its services which may be required because of changes in FSA, operations or procedures of the Telephone Company, minimum network protection criteria or operating or maintenance characteristics of the FSA.

2.3.9 References to Telephone Company

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

2.3.10 (Reserved for Future Use)

2.3.11 Claims and Demands for Damages

- (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the FSA provided under this tariff, any circuit, apparatus, system or method provided by the customer, the IC or its end users.
- (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against suits, claims, and demands 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 FSA 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 FSA 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.

2. GENERAL REGULATIONS (Cont'd)

- 2.3 Obligation of the Customer (Cont'd)
 - 2.3.12 (Reserved for Future Use)
 - 2.3.13 Coordination With Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Charges and Deposits

(A) The Telephone Company may, in order to safeguard its interests, require a customer, which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of the FSA to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company.

A deposit may not exceed the actual or estimated rates and charges for the FSA for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills.

At such time as the provision of the FSA to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. After the customer has established a one year prompt payment record, such a deposit will be refunded or credited to the customer account at any time prior to the termination of the provision of the FSA to the customer.

In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive simple annual interest at the percentage rate specified in the Telephone Company Network Exchange Tariff.

(B) Where the provision of FSA requires facilities that meet any of the conditions specified in 10.1.1, Special Construction charges in Section 10 will apply.

2. GENERAL REGULATIONS (Cont'd)

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.1 Payment of Charges and Deposits (Cont'd)
 - (C) The Telephone Company shall bill FSA services on a current basis for (a) all charges incurred, (b) applicable taxes, and (c) credits due the customer.
 - Switched Access (except for the Entrance Facility, Direct-Trunked Transport and Multiplexing elements), Ancillary and Miscellaneous services shall be billed in arrears.
 - Special Access, Switched Access Entrance Facility, Direct-Trunked Transport and Multiplexing elements shall be billed in advance except for the charges and credits associated with the initial or final bills. The initial bill will also include charges for the actual period of service up to, but not including, the bill date. The unused portion of the FSA already billed will be credited on the final bill.

The customer will receive its bill in; 1) a paper format, 2) a paper format bill summary with a magnetic tape to provide the detailed information of the bill, 3) magnetic tape only, or 4) via electronic transmission. Such bills are due when rendered regardless of the media utilized. Adjustments for the quantities of FSA established or discontinued in any billing period beyond the minimum period in 2.4.2 will be prorated to the number of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

- (D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FSA may be discontinued as specified in 2.1.8.
 - (1) If the entire amount billed is not received by the Telephone Company in immediately available funds by the payment date, an additional charge (late payment charge) equal to 1/12th of the percentage rate for deposit interest as that in 2.4.1(A) of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.

If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

- 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.
- 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.

- 2. GENERAL REGULATIONS (Cont'd)
 - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.1 Payment of Charges and Deposits (Cont'd)
 - (2) In the event of a billing dispute, the customer must submit a documented claim for the disputed amount.
 - If the claim is received within 6 months of the payment due date, and the customer has paid the total billed amount, any interest credits due the customer upon resolution of the dispute shall be calculated from the date of overpayment.
 - If the claim is received more than 6 months from the payment due date, any interest credits due the customer upon resolution of the dispute shall be calculated from the later of the date the claim was received or the date of overpayment.

A credit will be granted to the customer for both the disputed amount paid and an amount equal to the percentage rate in (1).

The Telephone Company will assess or credit late payment charges on disputed amounts to the customer as follows:

- If resolved in favor of the Telephone Company and the customer has paid the disputed amount on or before the payment due date, no late payment charges will apply.
- If resolved in favor of the Telephone Company and the customer has withheld the disputed amount, any payments withheld pending settlement of the dispute shall be subject to the late payment charge in (1).
- If resolved in favor of the customer and the customer has withheld the disputed amount, the customer shall be credited for each month or portion thereof that the late payment charge in (1) may have been applied. In the event the customer has paid the late payment charge, a credit will be granted to the customer for both the late payment charge paid on disputed amount and an amount equal to the percentage rate in (1).
- (3) (Reserved for Future Use)

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.2 Minimum Periods

- (A) The minimum periods for which FSA are provided and which rates and charges are applicable are in 3.2.4.
- (B) The minimum periods for which FSA are provided and which rates and charges are applicable for Specialized FSA or Arrangements provided on an Individual Case Basis, as in Section 7 are established with the individual case filing.
- (C) For discontinuances of FSA with a one month minimum period, all applicable charges for the one month period will apply. In instances where the minimum period is greater than one month, however, the charge will be the lesser of the Telephone Company's non-recoverable costs less the net salvage value for the discontinued service of the minimum period charges.
- (D) (Reserved for Future Use)

2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are in 3.2.6.

2.4.4 Credit Allowance for FSA Interruptions

(A) General

A FSA is interrupted when it becomes unusable to the customer because of a failure of a component used to furnish FSA under this tariff, or when the service is preempted as a result of invoking NSEP Treatment or when the application of protective controls interrupt all transmission paths as set forth in 4.2.9 following. An interruption period starts when Telephone Company personnel become aware that the FSA is inoperative.

The credit allowance(s) for an interruption or for a series of interruptions will be computed based upon the billing method which applies to the service being credited. In no case will the credit allowance for service interruptions exceed the applicable charges for the billing period during which the interruption occurred.

A credit allowance for any FSA service will apply for the period specified as follows:

- (1) For Special Access services other than Program Audio and Videoband, and for Switched Access Entrance Facilities, Direct-Trunked Transport and Multiplexing services a credit allowance will be made for an interruption period of 30 minutes or more. The allowance will be calculated at the rate of 1/1440 of the monthly charge for the portion of the FSA affected, for each 30 minutes or major fraction thereof that the interruption continues. A major fraction is considered to be sixteen minutes or more beyond the 30 minute period.
- (2) For Program Audio and Videoband Special Access services, a credit allowance will be made for an interruption of 30 seconds or more. Two or more such interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. The allowance will be calculated as follows:

2. GENERAL REGULATIONS (Cont'd)

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.4 Credit Allowance for FSA Interruptions (Cont'd)
 - (A) General (Cont'd)
 - (2) (Cont'd)
 - (a) For Program Audio Service provided at monthly rates, the credit will be at the rate of 1/8640 of the monthly service rate.
 - (b) For Program Audio Service provided at daily rates, the credit will be at the rate of 1/288 of the daily rate.
 - (c) For Temporary Videoband Service provided at hourly rates, the credit will be at 1/12 of the hourly rate.
 - (3) Except as noted, all Special Access Services will be eligible for a credit allowance for each occurrence of a service interruption lasting a period greater than 30 minutes. The maximum credit allowance will be \$200.00 for each out of service condition within the Telephone Company's facilities and will not exceed the monthly charge for the interrupted service. The credit allowance will not be applied more than once per calendar month. The credit allowance is in addition to the credit allowance in 2.4.4(A)(1) and 2.4.4(A)(2). A credit allowance will not be extended in accordance with conditions in 2.1.3(H) and 2.4.4(B) for repair of Telephone Company owned facilities.

The exceptions to this credit allowance are DS1 and DS3, which receive credit allowances in 2.4.4(A)(3), Part-time Program Audio Service in 5.2.3, and Miscellaneous Special Access Services in 5.8.

- (4) For Switched Access service, billed using assumed minutes of use, a credit allowance will be made for an interruption of 24 hours or more. The credit allowance will be calculated at 1/30 of the assumed minutes of use charge for each 24 hours or major fraction thereof that the interruption continues. A major fraction is considered to be 13 hours. No credit will be given where Switched Access billing is based on actual usage.
- (5) Switched Access Service Entrance Facilities, Direct-Trunked Transport and Multiplexing will be eligible for a credit allowance for each occurrence of a service interruption period greater than 30 minutes. The maximum credit allowance will be \$200.00 for each out of service condition within the Telephone Company's facilities. The credit allowance will not exceed the monthly charge for the interrupted service and will not be applied more than once per calendar month. This credit allowance is applicable in all jurisdictions. A credit allowance will not be extended in accordance with conditions in 2.1.3(H) and 2.4.4(B) for repair of Telephone Company owned facilities.

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for FSA Interruptions (Cont'd)

(B) When 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 FSA due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of a FSA during any period in which the Telephone Company is not afforded access to the premises where the FSA is terminated.
- (4) Interruptions of a FSA during an agreed upon period when the customer has released a FSA to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an ASR for a change in the FSA. Should the maintenance, rearrangement, or ASR implementation interruption period extend beyond the agreed upon period, credit allowance will apply.
- (5) Interruptions of a FSA which continue because of the failure of the customer to authorize replacement of any element of Special Construction, as set forth in Section 10 following. The period for which no credit allowance is made begins on the seventh day after the Telephone Company's written notification to the customer of the need for such replacement and ends on the day after receipt of the customer's written authorization for such replacement.
- (6) Periods when the customer elects not to release the FSA for testing and/or repair and continues to use it on an impaired basis.
- (7) (Reserved for Future Use)
- (8) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
- (9) (Reserved for Future Use)

(C) Use of an Alternative Service Provided by the Telephone Company

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a FSA is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

(D) Temporary Surrender of a FSA

In certain instances, the customer may be requested to surrender a FSA for purposes other than maintenance, testing or activity relating to an ASR. If the customer consents, or in the instance of preemption under NSEP Treatment as set forth in Section 2.1.9 preceding, a credit allowance will be granted. The credit allowance will be determined in accordance with 2.4.4(A) preceding.

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.5 Performance Commitment Program

All refunds under the Performance Commitment Program will be provided as a credit adjustment to the customer's bill.

(A) <u>Performance Commitment Program - Provisioning</u>

The Telephone Company assures that orders for FSA will be installed and available for customer use no later than the Service Date as referenced in Section 3.2.1, Service Date Intervals. The failure of the Telephone Company to meet the service date of an ASR will result in the refund of all NRCs associated with that ASR. The GTOCs' liability for failure to meet this commitment is limited to the refund of the NRCs for the ASR associated with the missed Service Date.

The Performance Commitment Program - Provisioning does not apply:

- 1) when failure to meet the Service Date occurs because of conditions listed in 2.1.3(H) or due to actions of the customer.
- 2) to Special Construction as provided in Section 10.
- 3) when the Telephone Company is not the Access Service Coordination Exchange Carrier (ASC-EC) and the Service Date is not met by the LEC acting as ASC-EC for its portion of the service. See diagram below for indication of when the WINDSTREAM NRC refund will apply:

	GTE ASC-EC	Another LEC ASC-EC
GTE Misses Date	Refund Applies	Refund Applies
Another LEC Misses Date	Refund Applies	Refund does not apply

- 4) (Reserved for Future Use)
- 5) (Reserved for Future Use)
- (B) (Reserved for Future Use)

2. GENERAL REGULATIONS (Cont'd)

2.5 Connections

2.5.1 General

Equipment and systems (i.e., terminal equipment, multiline terminating systems, and communications systems) may be connected with Switched and Special Access furnished by the Telephone Company where such connection or interconnection is made in accordance with the provisions specified in the NECA Technical Reference Publication AS No. 1 and in 2.1 preceding.

2.5.2 <u>Standard Access Service Connections</u>

Access services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof. Special Access service connections are made directly or through a Telephone Company hub where bridging or multiplexing functions are performed. These connections can either be analog or digital.

- 2.5.3 Reserved for Future Use
- 2.5.4 Reserved for Future Use

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions

Certain terms used herein are defined as follows:

Access Area

The term "Access Area" denotes a specific calling area containing those customers served by one or more Central Offices associated with the various Switched Access provisions offered under this tariff. The size and configuration of the Access Area a customer obtains is dependent upon the Feature Group type and the specific characteristics of the Central Office or Access Tandem office to which the connection is made.

Access Code

The term "Access Code" applies to Switched Access Service. It denotes the numbers dialed by an end user to access an Interexchange Carrier's facilities. The five digit code has the form of 101XXXX and the seven digit code has the form of 950-XXXX.

Access Group

The term "Access Group" denotes a grouping of lines or trunks used to establish a connection between switching systems. Each grouping of lines or trunks is traffic engineered as a unit with each of the individual members of the group having identical characteristics and being interchangeable with any other member of the group.

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate or foreign service for the purpose of calculating chargeable usage. On the originating end of an intrastate 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 intrastate 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 intrastate 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. For the calculation of total minutes, seconds are totaled and converted to minutes before rounding occurs. Remainder seconds greater than 29 are rounded to a minute.

Access Service Request

The term "Access Service Request" (ASR) denotes a document (i.e., order) used by the Telephone Company to process a customer's request for Access Services as offered throughout this tariff.

Access Tandem

The term "Access Tandem" denotes a telephone company switching system that provides a traffic concentration and distribution function for inter-LATA traffic originating from or terminating at end offices in the access area.

GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

<u>Agent</u>

The term "Agent", as used in Section 6 of this tariff, is defined as that person or entity that the GTOCs acknowledge as controlling decisions pertaining to instrument placement, subscription activity, and access or usage control of Public or Semipublic Pay Telephone Service or, that person or entity duly authorized to act in that capacity by the physical owner of the premises.

Aggregator

The term "Aggregator" denotes any individual, partnership, association, joint-stock company, trust corporation 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.

Alternate Billing Service

The term "Alternate Billing Service (ABS)" denotes the ability of the end user to bill calls to an account not necessarily associated with the originating line, including calling card, collect and third billing.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the CDL for terminating calls to a Telephone Company office as an indication that the called party has answered or disconnected.

Answer Message

The term "Answer Message" denotes an SS7 message sent in the backward direction to indicate that the call has been answered.

<u>Attempt</u>

The term "Attempt" denotes a call in the originating direction from an end user to a CDL which is completed (answered) or not completed (not answered) and a call in the terminating direction from CDL to a customer which is completed (answered) or not completed (not answered).

Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Balance (100-Type) Test Line

The term "Balance (100-Type) Test Line" denotes a standard feature of FGA, FGB, FGC, FGD and 800 Access Service and refers to the end office termination provided for balance and noise testing. The termination provides off-hook supervision to the calling end, and terminates the line or trunk in a resistive and capacitive arrangement which simulates the characteristic impedance of the end office.

Basic Service Element

The term "Basic Service Element (BSE)" denotes an unbundled service option available only with Basic Serving Arrangements.

Basic Serving Arrangement

The term "Basic Serving Arrangement (BSA)" denotes a category of Switched Access Service differentiated by technical characteristics, e.g., line side versus trunk side connection at the Telephone Company's first point of switching.

BHMC

See Busy Hour Minutes of Capacity.

Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

Bridging

The term "Bridging" denotes the connection of one or more circuits in parallel with another circuit without interrupting the continuity of the first circuit.

Bridging Wire Center

The term "Bridging Wire Center" denotes the telephone company designated wire center in which bridging is accomplished.

Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 a.m. to 5:00 or 6:00 p.m., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week.

Busy Hour Minutes of Capacity

The term "Busy Hour Minutes of Capacity" (BHMC) denotes the trunk group usage load consisting of the average usage load for the busy season.

Busy Season

The term "Busy Season" denotes the four consecutive weeks of the calendar year having the highest daily busiest hour traffic load based on a five day week. Normally the five-day week consists of Monday through Friday. Where weekend traffic is greater than weekday traffic, one or both weekend days may be used as a substitute for a weekday as long as a consistent five-day week is maintained for the four consecutive weeks.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Bit

The term "Bit" denotes a binary digit, the smallest unit of information in the binary system of notation.

Byte

The term "Byte" denotes a sequence or group of eight bits that represents one character.

C-Conditioning

The term "C-Conditioning" denotes a telephone company special treatment of the transmission path in order to control attenuation and envelope delay distortion.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice circuit. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the frequency weighted noise on a voice circuit with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

CCS

The term "CCS" denotes a hundred call-seconds which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of lines or trunks.

<u>Call</u>

The term "Call" denotes a communication including an off-hook signal and routing information initiated at the originating location and completed to a terminating location.

Call Branding

Call Branding is the act of providing customer identification, audibly and distinctly, to the caller at the beginning of a Preferred Directory Assistance call.

Carrier Identification Code

The term "Carrier Identification Code" (CIC) denotes the uniform access code associated with a specific interexchange carrier.

Cellular Mobile Carrier (CMC)

The term "Cellular Mobile Carrier (CMC)" denotes a Common Carrier authorized by the Federal Communications Commission to provide cellular mobile radio telecommunications services.

Central Office

The term "Central Office" denotes a telephone company local switching system where telephone company local service subscriber station loops are terminated for purposes of interconnection to each other and to trunks.

Central Office Loop Around Test Line

The term "Central Office Loop Around Test Line" denotes equipment in the Telephone Company's end office which provides a means for making two-way transmission tests for Switched Access services. These transmission tests are normally for the measurement of level and noise tests. This arrangement has two terminations, each reached by means of a separate seven digit number.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the telephone number assigned to a telephone company subscriber's local service.

Centralized Automatic Reporting on Trunks (CAROT) Testing

The term "Centralized Automatic Reporting on Trunks (CAROT) Testing" denotes a type of testing which includes the capacity for measuring the 1000 Hz loss, C-message weighted noise, C-notched noise, loss slope, and the provision of a balance termination.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Channelize

The term "Channelize" denotes the process of multiplexing demultiplexing circuits using analog or digital techniques.

Circuit

The term "Circuit" denotes an electrical or photonic, in the case of fiber optic based transmission systems, communications path between two or more points of termination.

Circuit Code

The term "Circuit Code" denotes the service class routing of an SS7 call that indicates the interexchange carrier trunk group to which the traffic will be routed (e.g., O+, 0-, 500, 900, etc.)

Common Line

The term "Common Line" denotes a line, trunk, coin line or other facility provided under the Telephone Company Network Exchange Tariff, terminated on a Central Office switch. A Common Line - Residence is a line or trunk provided under the residence regulations of the Telephone Company Network Exchange Tariff. A Common Line - Business is a line or trunk provided under the business regulations of the Telephone Company Network Exchange Tariff. A coin line is a line provided under the public and/or semi-public service regulations of the Telephone Company Network Exchange Tariff.

Communications System

The term "Communications System" denotes circuits and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company or Telephone Company stations.

Confirmed ASR

The term "Confirmed ASR" denotes a customer's ASR for a) Switched Access FSA which the Telephone Company has processed with the Engineering Department to confirm for the customer and the Telephone Company the availability of facilities and/or equipment, and b) Special Access FSA for which the Telephone Company confirms to the customer that the established due date can be met. The date the ASR is confirmed, the standard service date interval commences.

Confirming Design Layout Report Date

The term "Confirming Design Layout Report (CDLR) Date" identifies the date that the Telephone Company is scheduled to receive confirmation that the Design Layout Report provided by the Telephone Company for a confirmed ASR is acceptable.

Conventional Signaling

The term "Conventional Signaling" denotes the inter-machine signaling system which has been raditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine which will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Customer

The term "Customer" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or any other entity which subscribes to the services offered under this tariff.

Customer Designated Location

The term "Customer Designated Location" (CDL) denotes a location specified by the customer for the purpose of terminating FSA services. The Telephone Company must have access to the location to perform installation, testing, and maintenance functions. The customer may or may not have access to the location. CDLs include locations such as customer premises, end user premises, customer repeater stations, customer microwave towers, a Telephone Company's first point of switching, some other point where Telephone Company testing can occur, etc. A CDL may be designated by the customer for Switched Access, Special Access, or both in combination. However, Telephone Company Special Access Services may be interconnected to such customer equipment using the Cross Connect arrangement as described in Section 5.1.1(D).

D-Conditioning

The term "D-Conditioning" denotes a Telephone Company special treatment of the transmission path in order to control C-notched noise and intermodulation distortion.

Daily Busiest Hour

The term "Daily Busiest Hour" denotes the highest usage hour for each day with the reading taken on the clock hour or half hour. The clock hour or half hour selection varies from day to day, depending upon the usage measured. The Daily Busiest Hour is also known as the Bouncing Busy Hour.

Data Transmission (107-Type) Test Line

The term "Data Transmission (107-Type) Test Line" denotes an arrangement which provides for connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency (DTMF) Address Signaling" denotes a type of signaling that is optional feature of FGA and BSA-A. It may be utilized when FGA or BSA-A is being used in the terminating direction. An office arranged for signaling would expect to receive address signals from the IC in the form of DTMF format.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a four-wire interface without regard to the send and receive Transmission Level Point (TLP).

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of he voiceband (approximately 500 to 2500 Hz) where talker echo is most annoying.

End Office Switch

The term "End Office Switch" denotes a Telephone Company local switching system located in a wire center where Telephone Company local service subscriber station loops are terminated for purposes of originating and terminating traffic to or from a customer.

End User

The term "End User" means any customer of an intrastate or foreign telecommunications service not a carrier, except that a carrier, other than the Telephone Company, shall be deemed to be an user" to the extent that such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller (e.g., hotels, motels and shared tenant services).

Engineering Review

The term "Engineering Review" denotes the examination of an ASR with a customer requested change change requirements in equipment, interfaces, circuit configurations, engineering records, and billing.

Entry Switch

See First Point of Switching

Excess Capacity

The term "Excess Capacity" denotes a quantity of FSA requested by the customer which is greater than that which the Telephone Company would construct to fulfill the customer's ASR.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area (LATA), 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. One or more designated exchanges comprise a given LATA.

Exchange Access Signaling

The term "Exchange Access Signaling" denotes the signaling system used by equal access end offices to transmit originating information and address digits to the customer's premises and includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing (in suitably equipped end offices), identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company tandem switch to mark the connect time when the Telephone Company's tandem switch sends an Initial Address Message to a customer.

Extended Area Service

The term "Extended Area Service" (EAS) denotes an arrangement whereby a customer in one exchange can call a local number in another exchange that is part of the extended area without paying a toll charge.

<u>Facility</u>

The term facility denotes generically the various transmission media used for the transmission of telecommunication services. This includes, but is not limited to, cable (copper pair, coaxial, and optic) and microwave radio equipment.

Firm Order Confirmation Date

The term "Firm Order Confirmation (FOC) Date" denotes the date that the Telephone Company will provide the schedule of dates for the provisioning activities associated with the customer's request service.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

First Point of Switching

The term "First Point of Switching" denotes either the first telephone company location at which switching occurs on the terminating path of a call proceeding from the CDL to the terminating end office or the last telephone company location at which switching occurs on the originating path of a call proceeding from the originating end office to the CDL.

Four-Wire to Two-Wire Conversion

The term "Four-Wire to Two-Wire Conversion" denotes 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 such as a central office switch trunk circuit or switching system.

Gateway Switch

The switch through which communication passes between public packet switched networks.

Ground Start Supervisory Signaling

The term "Ground Start Supervisory Signaling" denotes a type of signaling which provides for the application of ground on the tip side at the point of termination (assuming no signaling conversion been provided by the Telephone Company) as an initial seizure signal before the application of ringing in the originating direction (towards the customer from the end office).

Immediately Available Funds

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

Individual Case Basis

The term "Individual Case Basis" (ICB) denotes a condition where 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.

Information Service Provider

The term "Information Service Provider" denotes one who offers a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information which may be conveyed via telecommunications, except that such service does not include (1) any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service, or (2) the provision of time, weather, and such other similar audio services that are offered by any GTOC.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Initial Address Message (IAM)

The term "Initial Address Message (IAM)" denotes an SS7 message sent in the forward direction to initiate trunk set up with the busying of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.

Installed Cost

The term "Installed Cost" denotes the total cost (estimated or actual) by the Telephone Company to provide facilities for the offered services.

Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denote any individual, partnership, association, joint stock company, trust, governmental entity or corporation engaged for in interstate or foreign communication by wire or radio, between two or more LATAs.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a circuit. It is measured using four tones, and evaluating the ratios (in dBs) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

Kilosegment

The term "Kilosegment" denotes a unit of packet transmission defined as 64,000 bytes of data; one thousand segments.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Line

The term "Line" denotes a communications path connecting an end office switch with an end user's premises or a CDL for the provision for FGA or BSA-A.

Line Group

The term "Line Group" denotes a grouping of lines which are traffic engineered as a unit for the establishment of connections between end office switches and customers in which all of the communications paths are interchangeable.

Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of an end office system.

Local Access and Transport Area

The term "Local Access and Transport Area" (LATA) denotes a geographic area for the provision administration of communications service. It encompasses designated Access Areas which are grouped to serve common social, economic, and other purposes.

Logical Channel

one

The term "Logical Channel" denotes a communication channel which allows two-way simultaneous transmission of data packets through the network. No circuit capability is preassigned to a logical channel. Capacity is made available as the data is transmitted. Each virtual connection utilizes logical channel.

Maximum Termination Liability

The term "Maximum Termination Liability" (MTL) denotes the maximum amount of money for which the customer is liable in the event all FSA ordered in a Special Construction case are discontinued before a specified period of time.

Maximum Termination Liability Period

The term "Maximum Termination Liability Period" denotes the length of time the customer is liable for a termination charge in the event specially constructed FSA are terminated. The MTL period is equal to the average account life of the FSA provided.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Mid Link

The term "Mid Link" denotes the Special Transport facilities between Hub Wire Centers where the circuit is bridged and/or where switching devices such as a loop transfer arrangement are located.

Milliwatt (102 Type) Test Line

The term "Milliwatt (102-Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the CDL from the Telephone Company end office.

Mobile Telephone Switching Office (MTSO)

The term "Mobile Telephone Switching Office (MTSO)" denotes a Cellular Mobile Carrier (CMC) switching facility that is used to originate or terminate calls on the CMC network, or originate or terminate calls between the CMC and the public switched telephone network.

Multicarrier Access Area

The term "Multicarrier Access Area" denotes an EAS for FGA and BSA-A or an area for FGB and BSA- B where FSA Services are provided by more than one telephone company in which a customer obtains access to an entire EAS or FGB or BSA-B area by obtaining a FGA or BSA-A or FGB or BSA-B access tandem arrangement that connects its switch with the First Point of Switching of the Primary Exchange Carrier.

National Security Emergency Preparedness (NSEP) Services

The term "National Security Emergency Preparedness (NSEP) Services" denotes telecommunications services which are used to maintain a state of readiness or to respond to and crisis (local, national or international), which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the NSEP posture of the United States.

Net Salvage

The term "Net Salvage" denotes the estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, tearing down, removing, or otherwise disposing of the material and any other applicable costs. Because the cost of removal salvage, facilities may have negative net salvage.

Network Address

The term "Network Address" denotes the alphanumeric character string used to specify the destination of each switched connection made within the network.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Network Channel Interface Code

The "Network Channel Interface" code (NCI) is an ordering code that provides an indication of the generic channel type. The NCI code provides the technical characteristics of the interface and describes the physical and electrical characteristics of the special access interface to the customer designated locations. A complete description and listing of these interface codes is specified in Section 6103 of the GTE Technical Interface Reference Manual.

Non-Overlap Outpulsing

The term "Non-Overlap Outpulsing" is the feature of the exchange access signaling system which provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Nonrecoverable Cost

The term "Nonrecoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has no foreseeable use should the customer terminate service.

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but which can be made more rapidly.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office code (NXX) plus four-digit station number (XXXX).

NSEP Treatment

The term "NSEP Treatment" denotes the provisioning of a telecommunications service before others based on the provisioning priority level assigned by the Executive Office of the President.

Octet

The term "Octet" denotes a group of eight binary digits operated upon as an entity.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Off-Hook

The term "Off-Hook" denotes the active condition of Switched Access or a Telephone Company local service line.

On-Hook

The term "On-Hook" denotes the idle condition of Switched Access or a Telephone Company local service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of the trunk or line by means of an inductor of several Henries.

Order Interval

Date.

The term "Order Interval" denotes the interval between the Scheduled Issue Date and the Service

Originating Direction

The term "Originating Direction" denotes the use of Switched Access for the origination of calls from an end user to a CDL.

Originating Point Code

The term "Originating Point Code (OPC)" denotes the identity assigned to each Operator Service System (OSS) location.

Overlap Outpulsing

The term "Overlap Outpulsing" is the feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed originating call.

OZZ CODE

The term "OZZ Code" denotes the service class routing code on a multifrequency (MF call that indicates the interexchange carrier trunk group to which the traffic will be routed (e.g., 0+, 0-, 500, 900, etc.)

<u>Packet</u>

The term "Packet" denotes a continuous sequence of binary digits of information which is switched through the network as an integral unit. The user data is divided into segments for billing purposes. The number of segments contained in a packet is dependent upon the packet size.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Packet Switch

The term "Packet Switch" denotes a central office based switch that establishes a virtual connection between two data network addresses for the transmission of discrete amounts of information.

Packet Switching Office

The term "Packet Switching Office" denotes the central office where the packet switching functions are performed and access to the packet network is accomplished.

Plant Test Date

The term "Plant Test Date" denotes the date on which installation is completed and the Telephone Company to customer testing can begin.

Point of Termination

The term "Point of Termination" denotes the point of demarcation at a CDL or end user premises at which the Telephone Company's responsibility for the provision of FSA Service ends.

Premises

The term "Premises" denotes a building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Pre-service Testing

The term "Pre-service Testing" denotes tests performed on a FSA to assure standard transmission performance/parameters meet specifications prior to acceptance testing.

Primary Exchange Carrier

The term "Primary Exchange Carrier" (PEC) denotes the telephone company in whose exchange a customer's first point of switching (i.e., dial tone for FGA or BSA-A, an access tandem for FGB or BSA-B) is located.

Protocol

The term "Protocol" denotes a set of rules governing the format to be followed when transmitting information between communicating devices.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Public Pay Telephone

The term "Public Pay Telephone" denotes a switched coin line provided under the Public Telephone Service regulations of the Telephone Company Network Exchange Tariff.

Query

The term "Query" denotes a Signaling System 7 (SS7) message requesting specific information from a data base.

Recoverable Cost

The term "Recoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has a foreseeable reuse, either in place or elsewhere should the customer terminate service.

Regional Signal Transfer Point (RSTP)

The term "Regional Signal Transfer Point (RSTP)" denotes a Signal Transfer Point (STP) equipped with gateway screening capability. Gateway screening is defined as the examination of designated fields within inbound SS7 messages to prevent unauthorized access to, and use of, the GTOCs' SS7 network by another signaling network.

Regional Signal Transfer Point (RSTP) Port

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

Registered Equipment

The term "Registered Equipment" denotes the customer's terminal equipment which complies with or has been approved within the Registration Provisions of Part 68 of the FCC Rules and Regulations.

Release Message

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

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Response

The term "Response" denotes an 557 message representing a reply to a request for information contained in a query.

Route Mileage

The term "Route Mileage" denotes the actual Telephone Company provided facility mileage of a transmission circuit.

Scheduled Issue Date

The term "Scheduled Issue Date" denotes the date the Telephone Company is scheduled to issue the confirmed ASR to all associated work groups.

Secondary Exchange Carrier

The term "Secondary Exchange Carrier" (SEC) denotes the telephone company in whose exchange a customer does not subscribe to FGA or BSA-A or FGB or BSA-B service, but from whose exchange the customer's end users can call the interexchange switch or CDL of an IC in the primary exchange of another telephone company on a toll-free basis.

Segment

The term "Segment" denotes a unit of user information consisting of 64 octets or less. Billing for Packet Switching Network Service is based on the number of segments transmitted within the user data field of a packet. The number of segments transmitted within a packet is limited only by the subscribed or negotiated maximum size of the user data field for the customer interface.

Semi-Public Pay Telephone

The term "Semi-Public Pay Telephone" denotes a switched coin line provided under the Semi-Public Telephone Service regulations of the Telephone Company Network Exchange Tariff.

Service Control Point

The term "Service Control Point (SCP)" denotes an 557 network control interface element between the Telephone Company's 557 network and one or more data bases.

Service Date

The term "Service Date" denotes the date that the FSA is to be placed in service. A confirmed ASR is required to establish a service date.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Service Switching Point (SSP)

The term "Service Switching Point" (SSP) denotes a signal point equipped with the ability to halt call process, formulate and send a SSP query to a remote location and route the call based on Information contained In the response.

Seven-Digit Manual Test Line

The term "Seven-Digit Manual Test Line" denotes a set of optional features for all Switched Access which allow the IC to select balance, milliwatt, and synchronous test lines of FGA or BSA-A, by manually dialing a seven-digit number over the associated Switched Access.

Short Circuit Test Line

The term "Short Circuit Test Line" denotes the end office circuit which provides an ac short circuit termination of the trunk or line by means of a capacitor of at least 4 microfarads.

Signaling Point

The term "Signaling Point (SP)" denotes an SSP network interface element capable of originating and/or terminating SSP messages.

Signaling System 7 (SSP)

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

Signal Transfer Point (STP)

The term "Signal Transfer Point (STP)" denotes a packet switch which provides access to the Telephone Company's SSP network and performs SSP message signal routing and screening. The technical interface specifications, transmission specifications, and diversity requirements for interconnecting to the Telephone Company's SSP network at the STP are as described in Bellcore Technical Reference Publication TR-TSV-000905.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Signal Transfer Point (STP) Port

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

Synchronous Test Line

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

Telecommunications Service Priority (TSP) System

The term "Telecommunications Service Priority (TSP) System" or "TSP System" refers to the regulatory, administrative and operational system authorizing and providing for priority treatment (i.e., the provisioning and restoration) of NSEP Services.

Temporary Facilities

The term "Temporary Facilities" denotes facilities used to provide FSA to a customer for less than minimum service period or less than one month, whichever is longer, or to provide FSA while permanent facilities are being constructed.

Terminating Direction

The term "Terminating Direction" denotes the use of Switched Access for the completion of calls from a CDL to an end user.

Trunk

are

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in an end-to-end connection.

Trunk Group

The term "Trunk Group" denotes a grouping of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths interchangeable.

2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of an end office switch.

V&H Coordinates Method

The term "V&H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the Vertical (V) and Horizontal (H) coordinates of the two points.

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 a Special Access Line used with a Switching Interface as in 4.2.5(V). #

Wire Center

The term "Wire Center" denotes a location in which one or more central office switches, and cross connection equipment used for the provision of Telephone Company telecommunications services, are located.

Wire Center Area

The term "Wire Center Area" denotes the geographic area served by a Wire Center through the use of central office switching equipment, cross connection equipment, and subscriber loops.

X.25 Protocol

The term "X.25 Protocol" denotes an interface between Data Terminal Equipment and Data Circuit Terminating Equipment for terminals operating in the packet mode on public data networks.

X.75 Protocol

The term "X.75 Protocol" denotes terminal and transit call control procedures and data transfer system on circuits between packet switched data networks.

2. GENERAL REGULATIONS (Cont'd)

2.7 FSA Services Provided By More Than One Telephone Company

(A) When Switched Transport or Special Transport service is provided by more than one telephone company, the telephone companies involved will mutually agree upon one of the billing methods based upon the type of access service and the interconnection arrangements between the telephone companies.

The telephone company will notify the customer which billing method will be used. The customer will place the ASR as in 3.3.

(1) Single Company Billing:

The Single Company Billing method may be applied to FGA and BSA-A Switched Access Service.

The telephone company receiving the ASR from the customer, as specified in 3.3(A)(1), will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access tariff. The airline mileage is determined using the V&H method in the Exchange Carrier Association (ECA) Tariff FCC No. 4.

(2) Meet Point Billing:

Meet Point Billing Is required when an access service is provided by multiple Telephone Companies for FGB, FGC and FGD, BSA-B, BSA-C, and BSA-D Switched Access services and Special Access. It is optional for FGA and BSA-A Switched Access Services. There are two Meet Point Billing Options -- Single Bill and Multiple Bill. The Telephone Company must notify the customer of:

- the Meet Point Billing Option that will be used,
- the Telephone Company(s) that will render the bill(s),
- the Telephone Company(s) to whom payment(s) should be remitted, and
- the Telephone Company(s) that will provide the bill inquiry function.

The Telephone Company shall provide such notification at the time that an ASR is placed requesting access service. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any change.

(a) Single Bill Option

The Single Bill Option allows the customer to receive one bill from one telephone company or its billing agent for access services.

The Telephone Company(s) that renders the bill to the customer may provide to the customer, cross references to the other Telephone Company(s) service and/or the common circuit identifiers based upon industry standards as contained in the MECAB document. Should a billing dispute arise, the terms and conditions of the Billing Company(s) will apply.

2. GENERAL REGULATIONS (Cont'd)

- 2.7 FSA Services Provided By More Than One Telephone Company (Cont'd)
 - (A) (Cont'd)
 - (2) Meet Point Billing: (Cont'd)
 - (a) Single Bill Option (Cont'd)

For usage rated access services the access minutes of use will be compiled by the Initial Billing Company and used by the Initial Billing Company and any subsequent Billing Company(s) for the development of access charges.

- The Initial Billing Company for FGB, FGC, and FGD, BSA-B, BSA-C, and BSA-D Switched Access services is normally the end user's serving office and for WATS usage the Initial Billing Company is normally the WATS serving office. When the Initial Billing Company is other than the normally designated Telephone Company, the Telephone Company will notify the customer.
- The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of the Switched Transport Facility is provided and/or where the CDL is located.

The Single Bill option provides three billing alternatives, Single Bill/Single Tariff, Single Bill/Pass-Through Billing and Single Bill/Multiple Tariff which are described following:

(1) Single Bill/Single Tariff

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service. The Initial Billing Company will:

- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payment to the Initial Billing Company.

(2) Single Bill/Pass-Through Billing

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service. Each Telephone Company will:

- determine its portion of Switched Transport and/or Special Transport as in 2.7(A)(2)(c);
- determine the applicable charges and bill in accordance with its tariff:
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the Initial Billing Company for meet point billed access services.

2. GENERAL REGULATIONS (Cont'd)

- 2.7 FSA Services Provided By More Than One Telephone Company (Cont'd)
 - (A) (Cont'd)

the bill;

- (2) Meet Point Billing: (Cont'd)
 - (a) Single Bill Option (Cont'd)
 - (2) Single Bill/Pass-Through Billing (Cont'd)

The Initial Billing Company will:

- apply usage data, when needed, to the bill and calculate the charges;
- identify each involved Telephone Company's charges separately on
- combine all the bills of the involved Telephone Companies of a meet point

billed access service into one access bill;

- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.
- (3) Single Bill/Multiple Tariff

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service. The Initial Billing Company will:

- determine each Telephone Company's portion of switched transport and/or special transport as set forth in 2.7.(A)(2)(c);
- determine the applicable charges and bill in accordance with each Telephone Company's tariff;
- include all recurring and nonrecurring charges for each involved Telephone Company;
- identify each involved Telephone Company's charges separately on the bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.

2. GENERAL REGULATIONS (Cont'd)

- 2.7 FSA Services Provided By More Than One Telephone Company (Cont'd)
 - (A) (Cont'd)
 - (2) Meet Point Billing: (Cont'd)
 - (b) Multiple Bill Option

The Multiple Bill option allows all Telephone Companies providing service to bill the customer for their portion of a jointly provided access service. Each Telephone Company will:

- determine its portion of the Switched Transport and/or Special Transport as set forth in 2.7(A)(2)(c);
- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payments directly to each Telephone Company.

(c) Meet Point Billing Mileage Calculation

Each Telephone Company's portion of the Switched Transport and/or Special Transport mileage will be determined as follows:

- (1) For Switched Access Tandem-Switched Transport Services, determine the appropriate Tandem-Switched Transport Facility total miles by computing the number of miles from the wire center that normally serves the CDL to the serving wire center in the Access Area (i.e., end user serving wire center, or WATS Serving Office), using the V&H method as set forth in the NECA Tariff FCC No. 4. For Special Access Services, and Switched Access Direct-Trunked Transport determine the appropriate Special Transport or Direct-Trunked Transport total miles by computing the number of miles between the serving wire centers involved (i.e., CDL serving wire center or Hub Wire Center or WATS Serving Office, end office, or access tandem) using the V&H method as set forth in the NECA Tariff FCC No. 4. Where the calculated miles include a fraction, the value is always rounded up to the next full mile.
- (2) Determine the billing percentage (BP), as set forth in the NECA Tariff FCC No. 4. This represents the portion of the Service provided by each telephone company.
- (3) For Switched Access Tandem-Switched Transport; (a) multiply the number of access minutes of use times the number of airline miles as set forth in (1), times the BP of each Telephone Company as set forth in (2), times the Tandem-Switched Transport-Facility rate; (b) multiply the Tandem-Switched Transport Termination rate times the number of access minutes times the quantity of terminations.

- 2. GENERAL REGULATIONS (Cont'd)
 - 2.7 FSA Services Provided By More Than One Telephone Company (Cont'd)
 - (A) (Cont'd)
 - (2) Meet Point Billing: (Cont'd)
 - (c) (Cont'd)
 - (3) Cont'd)

Example of Billing Percentage (BP) Method Using the Multiple Bill Option:

The Switched Transport Facility between Office X and Office Y is jointly provide

provided by teleph

- (A) Airline miles from telephone company A (office X) to telephone company B (office Y) = 50 airline miles as set forth in NECA Tariff FCC No. 4.
- (B) Billing Percentage for each telephone company (from NECA Tariff FCC No. 4).

Telephone Company A = 40% Telephone Company B = 60%

- (C) Access Minutes for Telephone Company A = 9000.
- (D) Switched Transport Facility rate for Telephone Company A = SWT FAC
- (E) Switched Transport Termination Rate = SWT TERM

NOTE: The Switched Transport Termination rate does not apply in situations where there is an intermediate, non-terminating Local Exchange Carrier involved in the provision of the Switched Transport Facility.

Formula:

Access Minutes (AM) x Airline Miles (ALM) x Billing Percentage (BP) x Switched Transport Facility Rate (SWT FAC) + [Switched Transport Termination Rate (SWT TERM) x Access Minutes (AM) x Quantity of Terminations (TERMS)] = Total

Calculation:

Telephone Company A

AM ALM BP SWT FAC SWT TERM AM TERMS $9,000 \times 50 \times .40 \times SWT$ FAC + [SWT TERM $\times 9,000 \times TERMS$]=TOTAL

- 2. GENERAL REGULATIONS (Cont'd)
 - 2.7 FSA Services Provided By More Than One Telephone Company (Cont'd)
 - (A) (Cont'd)
 - (2) Meet Point Billing: (Cont'd)
 - (c) (Cont'd)
 - (4) For Special Access and for Switched Access Direct-Trunked Transport, multiply the number of airline miles as in (1), times the BP for each telephone company as in (2), times the Special Transport or Direct-Trunked Transport Facility rate elements. For DS1 and DS3 Special Transport and DS1 and DS3 Direct-Trunked Transport, multiply the Special Transport Termination or Direct-Trunked Transport Termination rate times the number of terminations provided by the Telephone Company.
 - (d) All other appropriate recurring and nonrecurring charges in each telephone company's Access tariff are applicable.
 - (e) Where the Tandem-Switched Transport Facility is provided by more than one telephone company, the Tandem-Switched Transport - Termination rate applies for the termination at the Telephone Company end of the Tandem-Switched Transport (i.e., the first point of switching and/or the end office serving the end user). The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility.
 - (f) The Interconnection charge for Switched Transport shall be billed by the Telephone Company in whose territory the end office located.

3.1	Conoral		
J. I	<u>General</u>		
	3.1.1	Ordering Conditions	
	3.1.2	Provision of Other Services	
	3.1.3	Special Construction	
	3.1.4	(Reserved for Future Use)	
3.2	Access Service Request		
	3.2.1	Service Date Intervals.	
	3.2.2	ASR Modifications	
		(A) Service Date Change Charge	
		(B) Partial Cancellation Charge	
		(C) Discontinuance of Service	
		(D) Design Change Charge	
		(E) Requests for Expedition	
	3.2.3	Selection of Facilities for Access Service	
	3.2.4	Minimum Period	
	3.2.5	Minimum Period Charges	
	3.2.6	Cancellation of an ASR	
	3.2.7	Discontinuance of Switched Access FGD or BSA-D	
	3.2.8	FGD or BSA-D Maximum Per Trunk Cancellation Charge	
3.3	Access S	ervice Requests For Services Provided By More Than One Telephone	
		<u></u>	
3.4	(Reserve	d for Future Use)	

3. ORDERING OPTIONS FOR FSA

3.1 General

This section sets forth the regulations and order related charges for FSA Orders to provide the customer with FSA. These charges are in addition to other applicable charges in other sections of this tariff.

3.1.1 Ordering Conditions

(A) A customer may order any amount of FSA (Switched or Special) of the same interface type, same Feature Group, same BSA or same Special Access between the same locations for installation on the same date on a single FSA ASR. A customer may order the shared use of Switched Access and Special Access over the same high capacity facility however, separate FSA ASRs are required. The methodology for shared use is

set forth in 5.6.7.

- ASRs for FGA or BSA-A must specify the number of lines required.
- ASRs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, and SAC Access Service must specify the number of trunks required or Busy Hour Minutes of Capacity (BHMC). For Tandem-Switched Transport, the customer has the option of specifying the number of trunks or Busy Hour Minutes of Capacity (BHMC). In addition, the ASR must indicate whether the Switched Transport orderd is for entrance Facilities, Direct-Trunked Transport and/or Tandem-Switched Transport. For Direct-Trunked Transport, and Entrance Facilities the ASR must specify channel type, channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify Facility

Additional ASR requirements for Switched Access Service are described in 4.2.1, 4.2.5(V) and 4.3.2.

(B) The customer shall supply all details necessary to complete an order. The details may include the following: requested service date, customer name, customer designated location, end office, Interface Arrangement, type of Switched Access or Special Access, Supplemental Features, End Office Services and Signaling Interface, and originating and terminating capacity required. The customer may also be required to provide end user name and location, end user contact person, and end user premises access information to complete an order for Special Access.

When a customer orders mixed interstate and intrastate Switched Access, the customer is required to provide an estimate of the percent of traffic, as described in 4.3.3, which will be intrastate. If the customer fails to provide this estimate, the order will not be processed until such time as the customer provides this estimate.

When a customer orders mixed-use special access service, the customer must indicate the jurisdiction based on the criteria in Section 5.1.6.

(C) When the Alternate Traffic Routing Optional Arrangement is ordered, more than one CDL will be supplied and the number of trunks or BHMC for FGB, FGC, and FGD to each CDL shall be specified.

When the Alternate Traffic Routing Basic Serving Element (BSE) is ordered, more than one CDL will be supplied and the number of trunks or BHMC for BSA-B, BSA-C, and BSA-D to each CDL shall be specified.

ORDERING OPTIONS FOR FSA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(D) The customer shall order SAC Access Service, as described in 4.2.1(E), in the same manner as ordering FGD or BSA-D with the following exceptions. For 500 SAC Access or 900 SAC Access Service, customers may request direct connections to only those offices designated by the Telephone Company as 500 SAC Access or 900 SAC Access Service screening offices. All 500 NXX or 900 NXX code assignments and administration shall be in accordance with the North American Numbering Plan (NANP). 800/877/888 SAC Access Service is offered only in conjunction with the 800/877/888 Customer Identification Function as described in 4.2.11 and in conjunction with 800/877/888 Data Base Query Service as described in 4.2.19. Customers may request 800/877/888 SAC access connections to suitably equipped end offices and access tandem offices. A list of those offices will be provided upon request. All 800/877/888 number assignments shall be administered by the Number Administration Service Center (NASC) through the Service Management System (SMS).

500 NXX or 900 NXX Codes to be activated and/or deactivated in conjunction with 500 SAC Access Service or 900 SAC Access Service, must be provided to the Telephone Company at least 30 business days prior to the effective date of the change.

An ASR is required by the Telephone Company for 500 NXX or 900 NXX codes to be activated or deactivated on a tandem level basis. The Switched Access Ordering Charge as described in 4.5.2(A)(3) will apply. In addition to the Switched Access Ordering Charge, the NXX Translation Charge, as described in Section 4.5.2(N)(8), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. Customer assigned codes for which an ASR has not been received will be blocked.

When SAC Access Service is not terminated over a Special Access Line as in 5.1.1(C)(2), the customer must notify the Telephone Company of all local exchange telephone numbers to which SAC Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.1 General (Cont'd)
 - 3.1.1 Ordering Conditions (Cont'd)
 - (E) (Reserved for Future Use)

- ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.1 General (Cont'd)
 - 3.1.1 Ordering Conditions (Cont'd)
 - (F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(b). When a customer orders a DS3 SAL or DS3 Switched Entrance Facility, the Telephone Company will provide an electrical interface. In the event the customer requests an interface other than electrical, the interface specified will be provided on an Individual Case Basis (ICB).

3. ORDERING OPTIONS FOR FSA (Cont'd)

- 3.1 General (Cont'd)
 - 3.1.1 Ordering Conditions (Cont'd)
 - (G) (Reserved for Future Use)
 - (H) (Reserved for Future Use)
 - (I) An ASR is required from the customer to request the unblocking of 0+900 calls. For an initial customer order at the tandem or end office level, the Telephone Company must receive the request to unblock 0+900 dialing capability at least 60 business days prior to the requested effective date. To block or unblock 0+900 dialing capability for NXX codes assigned to a customer in an end office subtending a previously unblocked tandem, a request must be received at least 30 business days prior to the requested effective date of the change.
 - (J) An ASR is required from the customer to add 1+ coin traffic from an end office. At the customer's option, the ASR can be issued at a 1+ coin tandem or end office level. For an initial customer order at a 1+ coin tandem, the Telephone Company must receive the request at least 120 calendar days prior to the requested effective date. Standard provisioning intervals will apply to subsequent orders involving that 1+ coin tandem.

The customer must provide the Telephone Company with written notification stating that an order is being submitted pursuant to an agreement with a secondary service provider prior to the routing of 1+ interLATA coin traffic to a provider other than the customer.

(K) When ordering Operator Services, an ASR is required to establish a new FGC, FGD, BSA-C or BSA-D trunk group(s) or to add Operator Services to an existing FGC, FGD, BSA-C, or BSA-D trunk group between the Telephone Company's Operator Services Switching Location and one CDL in the same LATA.

When measurement capability does not exist for Operator Services per call charges, a forecast of the number of Operator Services calls anticipated is required from the customer as set forth in 8.7.3 when the initial order for Operator Services is placed.

3. ORDERING OPTIONS FOR FSA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

- (L) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(A)(A), the customer shall provide an ASR specifying a reference to existing CCS7 Access service facilities or reference to a related ASR for CCS7 Access service as described in 3.1.1(G). The customer's ASR shall also include STP point codes, STP location identifier codes, FGD or BSA-D trunk or 800/877/888 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD or BSA-D, the customer shall specify that all traffic carried by that FGD or BSA-D will be equipped with out of band signaling. The customer shall work cooperatively with the Telephone Company to determine the number of CCS7 Access service connections required to handle the customer's SS7 Out of Band Signaling traffic.
- (M) (Reserved for Future Use)
- (N) (Reserved for Future Use)
- (O) When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in 4.2.5(T), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD or BSA-D Switched Access Service over which resulting originating 950-XXXX access code calls are to be routed.

3.1.2 Provision of Other Services

- (A) At the option of a customer, Additional Labor, Telecommunications Service Priority (TSP), Testing and Special Routing services may be ordered with an ASR at the same time the ASR is accepted by the Telephone Company. Such requests will be considered to be supplemental to the ASR. The rates and charges for these services as set forth in other sections of this tariff will apply in addition to the ordering charges set forth in this section and the rates and charges for the Switched Access or Special Access with which they are associated
- (B) The items listed in (A) preceding may subsequently be added to the ASR at any time, up to and including the service date established by the ASR. When ordered subsequently, charges for ASR modifications as set forth in 3.2.2 following will apply.

3. ORDERING OPTIONS FOR FSA (Cont'd)

3.1 General (Cont'd)

3.1.3 Special Construction

- (A) The regulations, rates and charges for Special Construction are in Section 10 in addition to the regulations, rates and charges specified in this section.
- (B) (Reserved for Future Use)

3.1.4 (Reserved for Future Use)

3.2 Access Service Request

An ASR is used by the Telephone Company to receive orders for the following types of FSA requested by the customer:

- Switched Access as in Section 4,
- Special Access as in Section 5, and
- Other Services as in other sections of the tariff.

3.2.1 Service Date Intervals

The time required to provision service is known as the service date interval. Such intervals will be established in accordance with published service date interval guidelines which are available to customers upon request. The service date interval guidelines will apply to ASRs and will specify the quantities of FSA that can be provided on the same service date. The customer may request a service date other than that established pursuant to the service date interval guidelines, and the Telephone Company, where possible, will establish the service date in accordance with such request, subject, however, to other applicable provisions of this tariff.

ORDERING OPTIONS FOR FSA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

The customer may request a modification of its ASR 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 ASR 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. If the customer still desires the ASR modification, the Telephone Company will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges in other sections of this tariff will be applicable.

Any increase in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, and SAC Access Service; or Special Access circuits; will require the issuance of a new ASR for the incremental capacity.

(A) Service Date Change Charge (USOC - SUM)

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the plant test date of the original ASR.

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A).

With the agreement of the Telephone Company, a new service date may be established that is prior to the original service date and the provisions in (E) will apply in addition to the Service Date Change Charge.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request (Cont'd)
 - 3.2.2 ASR Modifications (Cont'd)
 - (A) <u>Service Date Change Charge</u> (Cont'd)

<u>USOC</u> <u>Nonrecurring Charge</u>

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- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 <u>Access Service Request</u> (Cont'd)
 - 3.2.2 <u>ASR Modifications</u> (Cont'd)
 - (B) Partial Cancellation Charge

Any decrease in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, and SAC Access Service; or Special Access circuits; will be treated as a partial cancellation.

A customer may cancel any number of Special Access circuits.

When a customer partially cancels the service ordered on an ASR, charges will apply as follows:

- (1) Except as specified in 3.2.6(D), when an ASR for Switched Access Service is partially canceled on or after the Scheduled Issue Date, the charge will be determined by multiplying the total Installation nonrecurring charges for the canceled portion of the order by the number of business days elapsed since the Scheduled Issue Date and dividing that figure by the number of days in the service interval and adding the Switched Access Ordering Charge.
- (2) When an ASR for Special Access Service is partially canceled, on or after the Scheduled Issue Date the charge will be determined by multiplying the total Special Access nonrecurring charges for the canceled portion of the order by the number of business days elapsed since the Scheduled Issue Date and dividing that figure by the number of days in the service interval.
- (3) When a customer cancels part of an ASR for which billing has commenced as provided in 3.2.2(A) and 3.2.6(A), cancellation charges in 3.2.6(C)(3) will apply to that part of the ASR being canceled.

3. ORDERING OPTIONS FOR FSA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications (Cont'd)

(C) <u>Discontinuance of Service</u>

A customer may discontinue FSA that is in service at any time. The request for discontinuance of service must be received by the Telephone Company at least two business days prior to the date on which service is to be disconnected and billing discontinued. The request may be verbal or written, however, a verbal request must be followed, within ten days, by written confirmation. The written confirmation serves as a confirmation of the verbal request rather than a request itself. The customer must notify the Telephone Company of a delay or cancellation in the discontinuance request prior to the disconnect date. The Telephone Company, where possible, will establish the disconnect date in accordance with such request. Billing and service will then continue until the new requested disconnect date. If a service is discontinued prior to the expiration of the Minimum Period in 3.2.4, the Minimum Period Charges in 3.2.5, may apply.

(D) <u>Design Change Charge</u> (USOC - H28)

The customer may request a design change to a pending ASR for both Switched and Special Access or request a change to an existing Switched Access Service. A design change is a change which requires engineering review. The regulations, rates and charges for a design change are in Section 4.5.2(A)(3)(c) for Switched Access Service, and Section 5.6.1(D)(1) for Speical Access Service, and are in addition to the regulations, rates and charges specified in this section.

(E) Requests for Expedition

A customer may request an expedited service date. When this situation occurs, charges will be applicable as in 6.2. The Telephone Company will provide an estimate of the charges to the customer. The customer must accept the price estimate prior to the Telephone Company's performing the expedite. The actual charges billed to the customer will be no more than 10 percent over the estimate.

3.2.3 Selection of Facilities for Access Service

- (A) (Reserved for Future Use)
- (B) Requests for a specific circuit is not an option of the customer except as provided for under Special Facilities Routing of FSA in Section 9.

3. ORDERING OPTIONS FOR FSA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.4 Minimum Period

- (A) The Minimum Period for which Special Access, End User FSA, Basic Service Elements (BSEs) are provided and for which charges are applicable, is one month, except as in B through I.
- (B) The Minimum Period for Miscellaneous Services is in Section 6.
- (C) The Minimum Period for Ancillary Services is in Section 8.
- (D) The Minimum Period for temporary videoband and program audio Special Access is the minimum period for which rates are established in Section 5.7 and 5.8.
- (E) The Minimum Period for FSA provided under Special Construction provisions and for which charges are applicable in Section 10.
- (F) The Minimum Period for FGA, FGB, FGC, BSA-A, BSA-B, BSA-C, and also for FGD or BSA-D ordered after the conversion of an end office to equal access, is three months. For the application of the minimum period charges for Switched Access Service FGB, FGC, BSA-B, BSA-C and for FGD or BSA-D ordered after the conversion of an end office to Equal Access, it is assumed the last identical capacity placed in service is the first one discontinued.
- (G) For FGD or BSA-D ordered prior to the conversion of an end office to equal access and (1) cancelled prior to the conversion date, a Cancellation Charge in 3.2.6 applies or (2) cancelled on or after the equal access conversion date, a Discontinuance Charge in 3.2.7 applies.
- (H) The minimum periods for Special Access DS3 Service are in Section 5.6.11.
- (I) (Reserved for Future Use)

3.2.5 Minimum Period Charges

When FSA are discontinued prior to the expiration of the Minimum Period, charges are applicable for the remaining month(s) and/or fraction thereof of the Minimum Period.

The Minimum Period Charge will be determined as follows:

- (A) For Switched Access usage sensitive rate elements, the charge for the minimum period, or fraction thereof, is equal to the applicable rates for the actual or assumed usage for the minimum period or such fraction thereof. For Switched Access flat-rated monthly elements (i.e., Entrance Facility, Direct-Trunked Transport and Multiplexing rates), the charge for the minimum period or fraction thereof is the applicable monthly rates for the service.
- (B) For Special Access, other than DS3 Service, the charge is the applicable monthly rate for the service(s) as in 5.7. For Special Access DS3 Service, the charges are in Section 5.6.11.
- (C) (Reserved for Future Use)

ORDERING OPTIONS FOR FSA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.5 Minimum Period Charges (Cont'd)

- (D) For FGD or BSA-D ordered prior to conversion of an end office to equal access, but canceled after the equal access conversion date, a Discontinuance Charge in 3.2.7 applies.
- (E) For part-time or occasional program audio Special Access services, the rates in 5.6.1, 5.7, and 5.8 will apply.
- (F) For FGA, FGB, BSA-A, and BSA-B Type service where measurement equipment is not available and the Assumed Minutes of Use Monthly Surrogate is used, the charge will be the prorated amount on a daily basis, calculated at 1/30 of the applicable rate shown in Section 4.6.7, for each day of the minimum period the facility was in service.

3.2.6 Cancellation of an ASR

(A) A customer may cancel ordered FSA 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 ASR is to be canceled. The verbal notice must be followed by written confirmation within 10 days.

For Switched Access Tandem-Switched Transport or ASRs requesting additional trunk activities on existing Direct-Trunked Transport facilities, if a customer is unable to accept service within 30 calendar days of the original service date, the ASR shall be considered canceled and charges in (C) and (D) will apply. In such instances, the cancellation date shall be the 31st calendar day beyond the original service date of the ASR.

For Special Access, and Switched Access Entrance Facilities and Direct-Trunked Transpsort if a customer is unable to accept service within 30 calendar days of the original service date, the customer has the choice of the following options:

- The Special Access ASR shall be canceled and charges in (C) will apply, or
- Billing for the service will commence.

In either case, the cancellation date or the billing date shall commence on the 31st calendar day beyond the original service date of the ASR.

- ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request (Cont'd)
 - 3.2.6 Cancellation of an ASR (Cont'd)
 - (B) ASR costs are considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred. These costs include but are not limited to preliminary engineering, orders to suppliers, and other similar items of cost. For purposes of determining cancellation charges, the costs are considered to have started the day the Telephone Company is scheduled to issue the confirmed ASR to all associated work groups. For all ASRs this is known as the Scheduled Issue Date. The customer will be notified of the applicable critical date interval on the Firm Order Confirmation (FOC) Date. The cancellation charges will not apply until the customer is notified of such charges.
 - (C) When a customer cancels an ASR for the installation of new service, or an ASR to modify existing service, charges will apply as follows:
 - (1) When an ASR for Switched Access Service is canceled on or after the Scheduled Issue Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total Installation nonrecurring charges for the quantity ordered by the number of business days elapsed since the Scheduled Issue Date, an dividing that figure by the number of days in the service interval (i.e., the number of business days between the Scheduled Issue Date and the day of the service date interval) and adding the Switched Access Ordering Charge.
 - (2) When an ASR for Special Access Service is canceled on or after the Scheduled Issue Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total nonrecurring charges for the quantity ordered by the number of business days elapsed since the Scheduled Issue Date, and dividing that figure by the number of days in the service interval (i.e., the number of business days between the order date and the last day of the service date interval).

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request
 - 3.2.6 Cancellation of an ASR (Cont'd)
 - (C) (Cont'd)
 - (3) When a customer chooses to commence billing rather than cancel an ASR for Special Access as in (A), the customer must submit an ASR prior to calendar day 31 from the original service date and request a service date change. The new service date may not exceed the original service date by more than 120 calendar days. Charges in 3.2.2(A) will only apply for each subsequent service date change request after calendar day 31, not to exceed 120 calendar days.

When a customer elects to commence billing, monthly recurring charges will begin accruing at calendar day 31 after the original service date. Upon completion of the ASR, the initial bill for Special Access Service will include these accrued charges and any additional nonrecurring charges in addition to billable charges specified in 2.4.1(C).

If the ASR is not completed within 121 calendar days of the original service date, the ASR will be canceled. Cancellation charges in (C)(2) will apply. In addition, the customer will be billed the accrued monthly recurring charges specified above plus any additional nonrecurring charges applicable for the service. These charges will be computed commencing at day 31 after the original service date up to and including the cancellation date, not to exceed 90 days of service (120 days from the original service date). The Telephone Company will not reissue an ASR with a new service date beyond 121 calendar days. It will be the customer's responsibility to submit a new ASR for Switched Access or Special Access Service.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request (Cont'd)
 - 3.2.6 Cancellation of an ASR (Cont'd)
 - (D) For cancellation of an ASR for Switched Access FGD or BSA-D before an end office converts to equal access, cancellation, charges will apply if the Telephone Company is notified of the cancellation within a period of 12 months prior to the scheduled service date. Cancellation charges apply to each trunk cancelled.

When due to a shortage of FGD or BSA-D facilities an allocation of FGD or BSA-D facilities is made, cancellation charges apply only to circuits allocated to the customer.

Cancellation charges will accrue to the maximum in equal monthly increments (i.e., maximum cancellation charge divided by 12) beginning twelve months before an end office converts to equal access. Maximum cancellation charges are listed for each GTOC in Section 3.2.8. The charge applied will be the accrued charge in the month during which notice of cancellation is received by the Telephone Company.

- ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request (Cont'd)
 - 3.2.7 <u>Discontinuance of Switched Access FGD or BSA-D</u>

A Discontinuance Charge applies if a customer discontinues FGD or BSA-D service provided at the conversion of an end office to equal access.* The Discontinuance Charge applies to each FGD or BSA-D trunk discontinued with one exception. When the FGD or BSA-D service is a result of an upgrade from FGB, FGC, BSA-B, BSA-C, or SAC Access Service trunks in service prior to conversion to equal access, the Discontinuance Charge will only apply to the number of FGD or BSA-D trunks being discontinued that are in excess of the number of FGB, FGC, BSA-B, BSA-C, or SAC Access Service trunks in service prior to conversion to equal access. However, the customer may still be liable for any Minimum Period charges in 3.2.5 that may be applicable to the FGB, FGC, BSA-B, BSA-C, or SAC Access Service trunks that were in service prior to conversion. For purposes of calculating the Discontinuance Charge the Maximum Discontinuance Charge will be amortized in equal monthly increments (i.e., Maximum Discontinuance Charge divided by 12) over a 12 month period beginning on the date the end office converts to equal access. The Maximum Discontinuance Charge is equal to the FGD or BSA-D Maximum Cancellation Charge in 3.2.8. The charge assessed will be the unamortized portion of the Maximum Discontinuance Charge.

* FGD or BSA-D capacity is ordered in trunks/discontinued in trunks or ordered in BHMC/discontinued in BHMC. Discontinued BHMC will be converted to trunks as set forth in reference document GTE Service Corporation Telephone Operations Traffic Grade of Service Standards.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.2 Access Service Request (Cont'd)
 - 3.2.8 FGD or BSA-D Maximum Per Trunk Cancellation Charge, per trunk

Nonrecurring Charge

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- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.3 Access Service Requests For Services Provided By More Than One Telephone Company
 - (A) Switched or Special Access Services provided by more than one telephone company are services where one end of the Switched Transport or Special Transport facility is in the operating territory of one telephone company and the other end of the facility is in the operating territory of a different telephone company.

The ordering procedure for this service is in (1) and (2). The telephone company will notify the customer, identifying which ordering procedures will apply.

(1) Single Company Billing

The telephone company receiving the ASR from the customer will arrange to provide the service and bill the customer as in 2.7(A)(1). The customer will place the ASR with the telephone company as follows:

- (a) For Switched Access Services the customer will place the ASR with the telephone company in whose territory the following is located:
 - FGA or BSA-A dial tone office

When the preceding is not in the same telephone company's territory as the customer designated location (CDL), the customer must supply a copy of the ASR to the telephone company in whose territory the CDL is located.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.3 Access Service Requests For Services Provided By More Than One Telephone Company
 - (A) (Cont'd)
 - (2) Meet Point Billing

Each telephone company will provide its portion of the Switched Transport or Special Transport service within its operating territory to the meet point with the other telephone company(s). The BP will be determined by the telephone companies involved in providing the FSA service and listed in the ECA Tariff FCC No. 4.

For all Switched Access Services and all Special Access Services the order will be placed with the telephone company as specified in the Ordering and Billing Forum's Multiple Exchange Carrier Ordering and Design (MECOD) guidelines.

(B) When FGA or BSA-A is ordered in a Multicarrier Access Area, the customer must provide a copy of the order to the SEC. The SEC will bill as in 2.7(B).

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
 - 3.4 (Reserved for Future Use)
 - 3.5 (Reserved for Future Use)

SWITCHED	ACCESS	<u>Pa</u>			
1.1 <u>Genera</u>	<u>al</u>	1			
1.2 <u>Descri</u> p	otion of Switched Access	2			
4.0.4					
4.2.1	Descriptions of Feature Groups				
	(A) Feature Group A				
	(B) Feature Group B				
	(C) Feature Group C				
	(D) Feature Group D				
	(E) SAC Access Service				
4.2.2	Description of Basic Serving Arrangements				
	(A) BSA-A				
	(B) BSA-B				
	(C) BSA-C				
	(D) BSA-D				
	(E) Dedicated Network Access Link (DNAL)	!			
4.2.3	Description of Switched Transport				
	(A) General				
	(B) Entrance Facility				
	(1) Two-Wire Voice Frequency Entrance Facility				
	(2) Four-Wire Voice Frequency Entrance Facility				
	(3) Group Analog Entrance Facility				
	(4) Supergroup Analog Entrance Facility				
	(5) Mastergroup Analog Entrance Facility				
	(6) DS1 Digital Entrance Facility				
	(7) DS1C Digital Entrance Facility				
	(8) DS2 Digital Entrance Facility				
	(9) DS3 Digital Entrance Facility				
	(10) DS3C Digital Entrance Facility				
	(C) Direct Trunked Transport				
	(D) Tandem Switched Transport				
	(E) Interconnection Rate				
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	(G) Optional Arrangements				
4.2.4	Description of End Office Services				
4.2.5	End Office Services Optional Arrangements				
	(A) Alternate Traffic Routing				
	(B) Automatic Number Identification (ANI) Arrangement				
	(C) Intra Access Area Calls Denial on Line or Hunt Group	······································			
	(D) InterLATA Call Denial on Line or Hunt Group	· · · · · · · · · · · · · · · · · · ·			
	(E) Call Denial on Line or Hunt Group Outside the Access Area				
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4. SWITCHED ACCESS

4.1 General

Switched Access provides two-point communications paths between the point of termination at a CDL and the points of termination at Telephone Company end user premises within the Access Area. Each path is established through the use of Switched Transport (Entrance Facilities, Direct-Trunked Transport and/or Tandem Switched Transport), End Office Services, and Common Lines or Special Access Lines. Switched Access provides for the ability to originate calls from an end user's premises to the CDL and to terminate calls from the CDL to an end user's premises. Specific descriptions of Switched Access are in 4.2.

Switched Access is ordered in either quantities of lines or trunks or in Busy Hour Minutes of Capacity (BHMC). FGA and BSA-A is furnished on a per-line basis, and FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are furnished on a per-trunk basis in accordance with the capacity ordered in trunks or BHMC.

Quantities of lines, trunks or total BHMC of the circuit group connecting the first point of switching and the CDL are determined at the Telephone Company's first point of switching.

A customer may designate one or more CDLs within the LATA for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D Switched Access or SAC Access Service.

When Switched Access is ordered in BHMC, the BHMC must be differentiated by Feature Group type and directionality of traffic as in 4.3.2 in order for the Telephone Company to properly design Switched Access to meet the traffic carrying capacity requirements of the customer.

When a customer plans to use Switched Access in connection with the resale of services of an IC, the provisions for such Switched Access charges are in Section 12.

Switched Access is provided with basic testing as described in 4.2.4(B)(10), (C)(11), (D)(13), (E)(13), and 4.2.7. Additional testing is provided as described in 6.6. Testing is provided only on the FSA supplied by the Telephone Company.

Shared use between Switched Access and Special Access over high capacity facilities is described in 5.6.7.

Switched Access may be ordered by the customer for mixed intrastate and interstate communications as in 4.3.2 and 4.3.3.

4. SWITCHED ACCESS

4.2 <u>Description of Switched Access</u>

Switched Access is provided in conjunction with either of two types of access services, bundled Feature Groups or unbundled Basic Serving Arrangements (BSAs). BSAs, described in 4.2.2, are provided in two basic categories differentiated by their technical characteristics and how they connect, line side or trunk side connection, to the Telephone Company's s fist point of switching. The trunk side BSA is further differentiated into three alternatives based upon how the end user accesses the trunk side BSA, with or without an access code. Feature Group A (FGA) and Basic Serving Arrangement A (BSA-A) are defined as line side connections to the Telephone Company's network. Feature Group B (FGB), Feature Group C (FGC), Feature Group D (FGD), Basic Serving Arrangement Alternative D (BSA-D) are defined as trunk side connections to the Telephone Company's network. The use of a line side or trunk side switched access connection is dependent upon the switched access arrangement ordered by the customer. Feature Groups and BSAs are arranged for either originating, terminating, or two-way calling, based on the end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Company exchange service locations to the customer's premises to Telephone Company exchange service locations. Two-Way calling permits the delivery of calls in both directions, but not simultaneously.

Switched Access will be provided as both Feature Groups and BSAs to Telephone Company end offices either directly routed or routed via an access tandem, except as set forth following:

- Feature Group and BSA trunk side equivalents (FGB and BSA-B, FGC and BSA-C, and FGD and BSA-D) may not be provided for the same Carrier Identification Code (CIC) and/or Billing Account Number (BAN) at Telephone Company end offices which subtend the same tandem. When a Telephone Company end office subtends multiple tandems, Feature Group and BSA trunk side equivalents may not be provided for the same CIC and/or BAN at any Telephone Company end office which subtends either tandem.
- Feature Group and BSA line side equivalents (FGA and BSA-A) may not be mixed in the same multiline hunt group.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u>

4.2.1 Descriptions of Feature Groups

The Telephone Company, under the ordering provisions in Section 3, at rates and charges as specified in 4.6, will provide Switched Access as follows:

(A) Feature Group A (USOC - OHY; OHX)

Feature Group A (FGA), which is available to all customers, provides line-side access to Telephone Company end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. FGA is available as Message Telecommunications Service-type or Wide Area Telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided intrastate communications capability or connection to an interexchange intrastate service.

(1) FGA is provided at all Telephone Company end office switches and switches customer communications to and from Common Lines, or Special Access Lines, as in 4.2.1(A).

FGA utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGA is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling.
- (3) The customer shall select the first point of switching, within the selected FGA Access Area.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (A) Feature Group A (USOC OHY; OHX) (Cont'd)
 - (4) FGA is arranged for originating calling only, terminating calling only or two-way calling.

 The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
 - (5) FGA, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual (DTMF) address signaling, subject to availability of equipment in which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (A) Feature Group A (USOC OHY; OHX) (Cont'd)
 - (5) (Cont'd)

No address signaling is provided by the Telephone Company when FGA is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request. Access is also provided for FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(N)(3)(c) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company Network Exchange Tariff, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt Group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FGA is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800/877/888, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Telephone Company for each end office switch and route all other calls to reorder tone or recorded announcement.

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (A) Feature Group A (USOC OHY; OHX) (Cont'd)
 - (7) (Reserved for Future Use)
 - (8) FGA is provided on a single line basis. FGA may, at the option of the customer, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FGA is provided with these arrangements, the FGA may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All FGA in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.
 - (9) A seven digit telephone number assigned by the Telephone Company is provided for access to FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven 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.
 - (10) FGA is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.
 - (a) Where Telephone Company equipment is available a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line. Additional testing will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGA; or (c) the customer requests testing on a more frequent basis than scheduled for in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.
 - (11) (Reserved for Future Use)
 - (12) When all FGA for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number 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 disconnected.
 - (13) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (B) Feature Group B (USOC OHB)

Feature Group B (FGB), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated uniform 950-1XXX or 950-0XXX access code for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service. A more detailed description of FGB is in 4.2.4(C).

(1) FGB, when provided without the use of an access tandem switch (in a directly routed arrangement), is provided at all Telephone Company appropriately equipped electronic end office switches. When provided via Telephone Company appropriately equipped electronic access tandem switches, FGB End Office Services are provided at all Telephone Company subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

FGB utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, as in 4.2.1(B), which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGB is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling.
- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.
- (4) FGB is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (B) Feature Group B (USOC OHB) (Cont'd)
 - (5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling as in 4.2.5(M), any other address signaling in the originating direction, if required by the customer, must be provided by the 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 Switched Transport provided.
 - (6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGB Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. When a provider of MTS-type and WATS-type services subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage terminating to that end office will be subject to end office switching 2 (EOS2) rates in 4.5.2(N)(5) and 4.6.3(C). When a provider of MTS and WATS subscribes to both FGB and FGD at an equal access end office, usage at the end office will be subject to EOS2 rates. When a provider of MTS and WATS subscribes to FGB and FGC at an end office, FGC usage and FGB terminating usage will be subject to EOS2 rates and FGB originating usage will be subject to nonpremium end office switching rates.
 - (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGB arrangement provided.
 - (8) The access code for FGB is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the FGB by dialing 1+950-XXXX.
 - (9) FGB may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Telephone Company.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (B) Feature Group B (USOC OHB) (Cont'd)
 - (9) (Cont'd)

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Telephone Company. The customer must order Switched Transport arranged to pass the dial repeating signals. FGB is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

- (10) The Telephone Company will determine the end office ANI protocol for FGB. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to FGB.
- (11) FGB is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, FGB will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGB; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

(12) (Reserved for Future Use)

- SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (B) Feature Group B (USOC OHB) (Cont'd)
 - (13) When all FGB is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FGB associated with the number dialed has been disconnected.
 - (14) FGB is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.
 - (15) FGB may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

- SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (C) Feature Group C (USOC OHC)

Feature Group C (FGC) provides trunk-side access to Telephone Company end office switches for providers of MTS and WATS for originating and terminating communications. FGC is available in all end offices which are not equipped for FGD End Office Services. A more detailed description of FGC is in 4.2.4(D).

- (1) FGC is provided at all Telephone Company end office switches or Telephone Company designated access tandem switches. FGC is available at an end office switch unless FGD is provided in the same office. When FGD is available, FGC will be discontinued as soon as the conversion to FGD can be arranged.
 - FGC utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- (2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.
- (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which FGC is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.
- (4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (C) Feature Group C (USOC OHC) (Cont'd)
 - (5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CDL where the FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
 - (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office the Access Area is that of that end office only. If the FGC connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.
 - (8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.
 - (9) FGC may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (C) Feature Group C (USOC OHC) (Cont'd)
 - (9) (Cont'd)

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

FGC is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Telephone Company will determine the end office ANI protocol for FGC.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

- (10) FGC may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. The end office switches or access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.
- (11) (Reserved for Future Use)
- (12) (Reserved for Future Use)

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (C) Feature Group C (USOC OHC) (Cont'd)
 - (13) FGC is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGC will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGC; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (C) Feature Group C (USOC OHC) (Cont'd)
 - (14) FGC may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
 - (15) FGC may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 877, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).
 - (16) (Reserved for Future Use)
 - (17) FGC may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (C) Feature Group C (USOC OHC) (Cont'd)
 - (18) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as in 4.2.4(D)(15).
 - (a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.
 - (b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.
 - The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.
 - (c) Operator Assistance Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available This arrangement provides the combined features described in (a) and (b).
 - (19) FGC is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (D) Feature Group D (USOC OHD)

Feature Group D (FGD), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connections to an interexchange intrastate service. A more detailed description of FGD is in 4.2.4(E).

 FGD is provided at Telephone Company appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Telephone Company end office or access tandem switches.

- (2) FGD is provided as trunk-side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.
- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGD is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
- (4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling and based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (D) Feature Group D (USOC OHD) (Cont'd)
 - (6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office the Access Area is that of that end office only. If the FGD connection is made to an access tandem, the Access Area is all end offices subtending that access tandem that have FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single FGD trunk group may be used. Traffic terminating at a non equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the FGD arrangement provided.
 - (8) The access code for FGD is a uniform access code of the form 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer as in 6.5 and 4.2.5(V). A single access code will be the assigned number for all FGD provided to the customer by the Telephone Company.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in 4.2.5(T), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (D) Feature Group D (USOC OHD) (Cont'd)
 - (9) FGD may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Telephone Company will determine the sequencing and protocol of the ANI spill and called number.

(10) FGD may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. The end office switches or access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

FGD may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Telephone Company that the customer is authorized to forward such calls.

- (11) (Reserved for Future Use)
- (12) (Reserved for Future Use)

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (D) Feature Group D (USOC OHD) (Cont'd)
 - (13) FGD is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGD will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGD; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).
 - (d) When FGD or 800/877/888 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (D) Feature Group D (USOC OHD) (Cont'd)
 - (14) FGD may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
 - (15) FGD may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 877, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.
 - (16) (Reserved for Future Use)
 - (17) FGD will be arranged to accept calls from Telephone Company local service without the 10XXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
 - (18) FGD may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (D) Feature Group D (USOC OHD) (Cont'd)
 - (19) FGD may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement, in (15). The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.
 - (20) FGD is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type A is provided; c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 though 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.
 - (21) FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available FGD may be provided with Non-Overlap Outpulsing signaling protocol.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 Descriptions of Feature Groups (Cont'd)
 - (E) SAC Access Service

Service Access Code (SAC) Access Service is an originating service that is provided via SAC Access Service switched trunk groups, or may be provided in conjunction with FGC or FGD. When a 1+500-NXX-XXXX call is originated by an end user for 500 SAC Access Service, the 500 Customer Identification Function, as described in 4.2.20 determines the customer to which the 500 call is to be routed based on the 500 NXX Code dialed. When a 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX call is originated by an end user for 800/877/888 SAC Access Service, the 800/877/888 Customer Identification Function as described in 4.2.11 determines the customer to which the 800/877/888 call is routed. When a 1+900-NXX-XXXX call is originated by an end user for 900 SAC Access Service, the 900 Customer Identification Function, as described in 4.2.12, determines the customer to which the call is to be routed based on the 900 NXX code dialed. A more detailed description of SAC Access Service is in 4.2.4(F).

- (1) Service Access Code (SAC) Access Service is provided at Telephone Company appropriately equipped end offices or tandem switches.
- (2) Originating SAC Access Service is a trunk side switched service that is available to the customer via SAC Access Service trunk groups. The appropriate Customer Identification Function, in 4.2.11 and 4.2.12, and 4.2.20 must be ordered in conjunction with each SAC Access Service trunk group. SAC Access Service traffic at the option of the customer can be carried on the same group with non-SAC Access traffic.
- (3) When a 1+N00-NXX-XXXX call is originated by an End User, the Telephone Company will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.
- (4) The manner in which SAC Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). When SAC Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with FGD except when more than one tandem is employed in the transport of a SAC Access Service call.
 - When SAC Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with FGC or FGD. In either case, when more than one tandem is employed in the transport of a SAC Access Service call, Standard Transmission characteristics are not guaranteed.
- (5) For other than FGC, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via an equal access tandem over FGD trunks or SAC Access Service trunk groups. For FGC, SAC Access Service can be provided through an existing trunk group or separate FGC trunk group which handles SAC Access Service. SAC Access Service from an access tandem, with both equal and nonequal access end offices, can be combined on a single FGD trunk group to the CDL. SAC Access Service from an access tandem with non-equal access end offices can be provided on a FGC trunk group.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.1 <u>Descriptions of Feature Groups</u> (Cont'd)
 - (E) SAC Access Service (Cont'd)
 - (6) 500 SAC Access Service originating from equal access end offices with the 500 Customer Identification Function, described in 4.2.20, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function, described in 4.2.12, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 800/877/888 SAC Access Service originating from equal access end offices with the 800/877/888 Customer Identification Function described in 4.2.11 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.
 - SAC Access Service may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches.
 - (7) For SAC Access Service traffic originating from equal access end offices with the Customer Identification Function capabilities, FGD parameters as specified in 4.2.4(E)(1), (2), (3), (5), (9), (13), (14), (18), and (20) apply.

For SAC Access Service traffic, other than 800/877/888 SAC Access, originating from all other end offices, FGC parameters as specified in 4.2.4(D)(1), (2), (3), (5), (9), (13), (14), (17), and (19) apply.

Telephone Company switch and customer premise interface as set forth in 4.2.3 for FGD also apply to SAC Access Service.

The Entrance Facility interface at the customer's premises, as set forth in 4.2.3(B), for FGD also apply to SAC Access Service.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs)

The Telephone Company, under the ordering provisions in Section 3, at rates and charges specified in 4.6, will provide Lineside, Trunkside and Dedicated Network Access Link (DNAL) Switched Access Basic Serving Arrangements (BSAs) as follows:

(A) BSA-A

Basic Serving Arrangement A (BSA-A), which is available to all customers, provides line-side access to Telephone Company end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. BSA-A is available as Message Telecommunications Service-type or Wide Area Telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided interstate communications capability or connection to an interexchange interstate service.

(1) BSA-A is provided at all Telephone Company end office switches and switches customer communications to and from Common Lines, or Special Access Lines.

BSA-A utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (2) BSA-A is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. BSA-A may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.22.
 - (3) The customer shall select the first point of switching, within the selected BSA-A Access Area.
 - (4) BSA-A is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (5) BSA-A, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. BSA-A, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which BSA-A is provided. When BSA-A is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, as discussed in 4.2.22, all BSA-A will be arranged for the same type of signaling.
 - No address signaling is provided by the Telephone Company when BSA-A is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
 - (6) BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switch from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(H)(3) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (6) (Cont'd)

Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company Network Exchange Tariff, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt Group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which BSA-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Telephone Company for each end office switch and route all other calls to reorder tone or recorded announcement.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (6) (Cont'd)

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

(7) BSA-A is provided on a single line basis. When BSA-A is provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement, the BSA-A may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All BSA-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (8) A seven digit telephone number assigned by the Telephone Company is provided for access to BSA-A in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven 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.
 - (9) BSA-A is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-A; or (c) the customer requests testing on a more frequent basis than scheduled for in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (A) BSA-A (Cont'd)
 - (10) When all BSA-A for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number 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 disconnected.
 - (11) BSA-A is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangement 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-A.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B

Basic Serving Arrangement Alternative B (BSA-B), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for originating and terminating communications for customer provided interstate communications capability or connection to an interexchange interstate service.

(1) BSA-B, when provided without the use of a Telephone Company access tandem switch (in a directly routed arrangement), is provided at all Telephone Company appropriately equipped electronic end office switches. When provided via Telephone Company appropriately equipped electronic access tandem switches, BSA-B End Office Services are provided at all Telephone Company subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

BSA-B utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B (Cont'd)
 - (2) BSA-B is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling. BSA-B may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.22.
 - (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which BSA-B is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, as shown in 4.2.22, or Rotary Dial Station Signaling, as shown in 4.2.5(M), special routing and trunking arrangements may be required.
 - (4) BSA-B is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B (Cont'd)
 - (5) BSA-B, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the BSA-B terminates. Except for BSA-B provided with the ANI arrangement or Rotary Dial Station Signaling, any other address signaling in the originating direction, if required by the customer, must be provided by the 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 Switched Transport provided.
 - (6) BSA-B, when being used in the terminating direction, may be used to access valid NXXs in the BSA-B Access Area. If the BSA-B connection is made directly to an end office, the Access Area is that of that end office only. If the BSA-B connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any BSA-B Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching Unbundled (EOSU) rates in 4.5.2(H)(5) and 4.6.3 (D) apply to all BSA-B usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to BSA-B and BSA-C at an end office, BSA-C usage and BSA-B terminating usage will be subject to premium EOSU rates and BSA-B originating usage will be subject to nonpremium EOSU rates.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B (Cont'd)
 - (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-B arrangement provided.
 - (8) The access code for BSA-B is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the BSA-B by dialing 1+950-XXXX.
 - (9) BSA-B may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the BSA-B connection is at a Telephone Company access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Telephone Company.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Telephone Company. The customer must order Switched Transport arranged to pass the dial repeating signals. BSA-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided. Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B (Cont'd)
 - (10) The Telephone Company will determine the end office ANI protocol for BSA-B. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to BSA-B.
 - (11) BSA-B is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, BSA-B will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-B; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (B) BSA-B (Cont'd)
 - (12) When all BSA-B is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the BSA-B associated with the number dialed has been disconnected.
 - (13) BSA-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-B.
 - (14) BSA-B may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C

Basic Serving Arrangement Alternative C (BSA-C) provides trunk-side access to Telephone Company end office switches for providers of MTS and WATS for originating and terminating communications. BSA-C is available in all end offices which are not equipped for FGD or BSA-D End Office Services.

(1) BSA-C is provided at all Telephone Company end office switches or Telephone Company designated access tandem switches. BSA-C is available at an end office switch unless FGD or BSA-D is provided in the same office. When FGD or BSA-D is available, BSA-C will be discontinued as soon as the conversion to BSA-D can be arranged.

BSA-C utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(2) BSA-C is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.

BSA-C may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.22.

- SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 <u>Description of Basic Serving Arrangements (BSAs)</u> (Cont'd)
 - (C) BSA-C (Cont'd)
 - (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which BSA-C is to be provided. If the customer orders an ANI arrangement as shown in 4.2.22 and 4.5.10, or Service Class Routing Arrangement, special routing and trunking arrangements may be required.
 - (4) BSA-C is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
 - (5) BSA-C is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CDL where the BSA-C terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 Description of Switched Access (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (6) BSA-C, when being used in the terminating direction, may be used to access NXXs in the BSA-C Access Area. If the BSA-C connection is made directly to an end office the Access Area is that of that end office only. If the BSA-C connection is made to a Telephone Company access tandem the Access Area is that of all end offices subtending that Telephone Company access tandem. The description of any BSA-C Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-C arrangement provided.
 - (8) No access code is required for BSA-C. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.
 - (9) BSA-C may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (9) (Cont'd)

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

BSA-C is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Telephone Company will determine the end office ANI protocol for BSA-C.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

(10) BSA-C may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. End offices or Telephone Company access tandems equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (11) BSA-C is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-C will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (11) (Cont'd)

Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-C; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

- (12) BSA-C may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (13) BSA-C may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).
- (14) BSA-C may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (15) BSA-C is provided with the following features in the originating direction for operator assistance services. BSA-C may require the routing by Service Class Routing Arrangement.
 - (a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.
 - (b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (C) BSA-C (Cont'd)
 - (15) (Cont'd)
 - (b) (Cont'd)

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.

- (c) Operator Assistance Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available This arrangement provides the combined features described in (a) and (b).
- (16) BSA-C is provided with either Type B or Type C transmission performance as follows:
 - (a) when routed directly to the end office, either Type B or Type C is provided;
 - (b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-C.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D

Basic Serving Arrangement Alternative D (BSA-D), available to all customers at appropriately equipped electronic end office switches, provides trunk-side access to Telephone Company end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided interstate communications capability or connections to an interexchange interstate service.

- (1) BSA-D utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.
 - SS7 Out of Band Signaling for BSA-D is provided at suitably equipped Telephone Company end office or access tandem switches.
- (2) BSA-D is provided as trunk-side switching through the use of end office or Telephone Company access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. BSA-D may also be provided with certain Basic Service Elements as shown in 4.2.22.

- SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which BSA-D is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or an Alternate Traffic Routing Arrangement, as shown in 4.2.22, Service Class Routing Arrangement; Trunk Access Limitation Arrangement; or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
 - (4) BSA-D is arranged for either originating calling only, terminating calling only, or two-way calling and is based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.
 - (5) BSA-D is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CDL where the BSA-D terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (6) BSA-D, when being used in the terminating direction, may be used to access valid NXXs in the BSA-D Access Area. If the BSA-D connection is made directly to an end office the Access Area is that of that end office only. If the BSA-D connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have BSA-D capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single BSA-D trunk group may be used. Traffic terminating at a non equal access end office using a BSA-D trunk group will be ordered as BSA-B or BSA-C and billed at BSA-B or BSA-C rates. Separate trunk groups for the combined use of BSA-D and BSA-B or BSA-D and BSA-C are not required. The description of any BSA-D Access Area will be provided to the customer upon request. BSA-D may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-D arrangement provided.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 <u>Description of Basic Serving Arrangements (BSAs)</u> (Cont'd)
 - (D) BSA-D (Cont'd)
 - (8) The access code for BSA-D is a uniform access code of the form 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, BSA-D also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. BSA-D also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer as in 6.5 and 4.2.5(V). A single access code will be the assigned number for all BSA-D provided to the customer by the Telephone Company.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for BSA-D Switched Access Service. When the customer orders BSA-D Switched Access Service with 950-XXXX Access as described in 4.2.5(T), BSA-D switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as BSA-D switched access calls.

BSA-D, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (9) BSA-D may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.22. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Telephone Company will determine the sequencing and protocol of the ANI spill and called number.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (10) BSA-D may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. End Offices or Telephone Company access tandems equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.
 - BSA-D may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Telephone Company that the customer is authorized to forward such calls.
 - (11) BSA-D is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (11) (Cont'd)
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-D will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-D or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (11) (Cont'd)
 - (d) When BSA-D or 800 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.
 - (12) BSA-D may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
 - (13) BSA-D may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (14) BSA-D will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
 - (15) BSA-D may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.
 - (16) BSA-D may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. BSA-D is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 Description of Switched Access (Cont'd)
 - 4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)
 - (D) BSA-D (Cont'd)
 - (17) BSA-D is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to a Telephone Company access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Telephone Company access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 though 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-D.
 - (18) BSA-D trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with BSA-D is Overlap Outpulsing. At the option of the customer, where technically available BSA-D may be provided with Non-Overlap Outpulsing signaling protocol.
 - (E) <u>Dedicated Network Access Link (DNAL)</u>

The DNAL provides a connection between the customer designated location and the Telephone Company End Office that provides the BSA-A dial tone for connection to equipment that is not part of the end office switch but that is used to provide the Simplified Message Desk Interface (SMDI) BSE. The DNAL is only available for use in conjunction with the SMDI BSE.

DNAL service is either a two-wire or four-wire channel which is capable of transmitting signals within the frequency bandwidth of approximately 300 to 3000 HZ.

There are two rate elements which apply to DNALs. The entrance facility, which provides the transmission path and interface between the Telephone Company's serving wire center and the customer provided facilities at the point of termination at the CDL. If the serving wire center is not the BSA-A dial tone office, then Direct-Trunked Transport will also apply for the mileage between the serving wire center and the BSA-A dial tone office.

The rates and charges for two-wire and four-wire voiceband Entrance Facilities and Direct-Trunked Transport Facility-Voiceband apply for the DNAL Entrance Facility and DNAL Direct-Trunked Transport, respectively.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.3 Description of Switched Transport

(A) General

(1) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(es) in the Access Area with one exception. Switched Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is comprised of the following rate elements: an Entrance Facility Rate, a Direct-Trunked Transport Rate, a Tandem-Switched Transport Rate and an Interconnection Rate.

The Entrance Facility Rate is assessed upon customers for the use of Telephone Company Voiceband, DS1 and DS3 high capacity facilities, including interface arrangements, between the point of termination at the Customer Designated Location (CDL) and the Telephone Company's serving wire center. The Entrance Facility is further described in 4.2.3(B).

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 and DS3 high capacity transport facilities dedicated to a single customer between a serving wire center and end office (including host end offices), between a serving wire center and a Telephone Company Hub for multiplexing purposes, between a Telephone Company Hub and an end office and between a serving wire center and a tandem. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Direct-Trunked Transport is distance sensitive only. Direct-Trunked Transport is further described in 4.2.3(C).

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport between a serving wire center and an end office that is switched at an access tandem. The Tandem-Switched Transport Rate may also be assessed for transport between an access tandem and end office when the customer orders Direct-Trunked Transport to an access tandem,* between a host end office and a remote end office and between a FGA or BSA-A dial tone office and other end offices in the local calling area. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, and a tandem Switching Rate. The Tandem Switching Rate is not applicable to transport between a host end office and a remote end office or to FGA or BSA-A transport. Tandem-Switched Transport is further described in 4.2.3(D).

The Interconnection Rate is assessed upon all customers for interconnecting with the Telephone Company's switched access network. The Interconnection Rate is further described in 4.2.3(E).

The application of the Switched Transport rates and the determination of mileage measurements for Switched Transport is in 4.5.2(N)(2).

^{*} Due to billing constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until September 1, 1999.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 <u>Description of Switched Transport</u> (Cont'd)
 - (B) Entrance Facility (Cont'd)

The number of Entrance Facilities provided is determined by the customer's order for service.

- (1) Two-Wire Voice Frequency Entrance Facility
 - (a) The Two-Wire Voice Frequency Entrance Facility, except as in (b), provides two-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission signals within the frequency bandwidth of approximately 300 to 3000 Hz.
 - (b) The Two-Wire interface is not provided in association with FGC, FGD, BSA-C, and BSA-D when the first point of switching is an access tandem. In addition, the two-wire interface is not provided in association with FGB and BSA-B when the first point of switching is an access tandem where two-wire terminations are not provided.
 - (c) The transmission path between the point of termination at the CDL and the service 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 the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
 - (d) The Two-Wire interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C, and BSA-D such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with DX supervisory signaling or E&M supervisory signaling as in 4.2.3(G)(2).
- (2) Four-Wire Voice Frequency Entrance Facility

(a) The Four-Wire Voice Frequency Entrance Facility provides four-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 Description of Switched Transport (Cont'd)
 - (B) Entrance Facility (Cont'd)
 - (2) Four-Wire Voice Frequency Entrance Facility (Cont'd)
 - (b) The transmission path between the point of termination at the CDL and the 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 the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
 - (c) The interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start signaling. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C, and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with supervisory signaling as in 4.2.3(G)(2).
 - (3) Group Analog Entrance Facility
 - (a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths.
 - Between the first point of switching and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.
 - (b) The interface is provided with individual transmission path supervisory signaling.
 - (c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 <u>Description of Switched Transport</u> (Cont'd)
 - (B) Entrance Facility (Cont'd)
 - (4) Supergroup Analog Entrance Facility
 - (a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths.
 - Between the serving wire center and the point of termination the Telephone Company may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.
 - (b) The interface is provided with individual transmission path SF supervisory signaling.
 - (c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993.
 - (5) Mastergroup Analog Entrance Facility
 - (a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths.
 - Between the serving wire center and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.
 - (b) The interface is provided with individual transmission path SF supervisory signaling.
 - (c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 Description of Switched Transport (Cont'd)
 - (B) Entrance Facility (Cont'd)
 - (6) DS1 Digital Entrance Facility
 - (a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive 24 transmission paths of 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, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) DS1C Digital Entrance Facility

(a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths.

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of 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, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) As of December 30, 1993, the DS1C Digital Entrance Facility is available to existing customers only.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 Description of Switched Transport (Cont'd)
 - (B) Entrance Facility (Cont'd)
 - (8) DS2 Digital Entrance Facility

The Telephone Company currently does not offer the DS2 Entrance Facility.

- (9) DS3 Digital Entrance Facility
 - (a) The DS3 Digital Entrance Facility provides, on a protected basis, a DS3 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of 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, at the customers request, at the first point of switching, DS1 signals in D4 or D3 format.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 Description of Switched Transport (Cont'd)
 - (B) Entrance Facility (Cont'd)
 - (9) DS3 Digital Entrance Facility (Cont'd)
 - (b) The interface is provided with individual transmission path bit stream supervisory signaling.
 - (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.
 - (10) DS3C Digital Entrance Facility
 - (a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths.
 - Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 1344 voice frequency transmission paths of 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, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.
 - (b) The interface is provided with individual transmission path bit stream supervisory signaling.
 - (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.
 - (d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers. only.

SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(C) <u>Direct-Trunked Transport</u>

The Direct-Trunked Transport rate is assessed upon customers for the use of Voiceband, DS1 or DS3 High Capacity transport dedicated to a customer from a serving wire center to an end office (including host end offices) when such facilities are not switched through a Telephone Company access tandem. Direct Trunked Transport also provides for the transmission facilities between:

- a serving wire center or end office and a Telephone Company Hub office other than the serving wire center where multiplexing is performed;
- and between a serving wire center and an access tandem for Tandem-Switched Transport services when Direct-Trunked Transport routing is desired directly to the access tandem.

The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Transport has only a distance-sensitive component. The distance-sensitive mileage recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The non-distance sensitive component, i.e., the termination component, recovers costs of circuit equipment at the ends of the transmission links. Direct-Trunked Transport is not provided at Telephone Company end offices that are not capable of measuring switched access minutes of use. These end offices are specified in NECA Tariff FCC No. 4.

(D) Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a tandem. The Tandem-Switched Transport rate may also be assessed for transport between an access tandem and end office, between a host end office and a remote end office, and between a FGA dial tone office and other end offices in the local calling area. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport -Termination, and a Tandem Switching Rate. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(E) Interconnection Rate

The Interconnection Rate is assessed upon all customers for interconnecting with the Telephone Company's switched access network. It is a usage rated per minute rate and applies to all originating and terminating minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.

(F) Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Monthly rates and nonrecurring charges for multiplexing apply as follows: 1) the DS3/DS1 Multiplexing Charge applies to all DS3 to DS1 multiplexing arrangements; 2) the DS1/Voice Multiplexing Charge applies to all DS1 Entrance Facility and Direct-Trunked Transport circuits that terminate in an analog office and where the multiplexer performs DS1/Voice multiplexing functions; 3) a Multiplexing Charge will always apply on High Capacity shared use switched and special access facilities.

Listed below are the multiplexing arrangements offered with switched access.

DS1 to Voice

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

DS3 to DS1

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.3 Description of Switched Transport (Cont'd)
 - (G) Optional Arrangements
 - (1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, Telephone Company traffic routing plans and the customer's order for service. The Telephone Company will work cooperatively with customers in providing design and traffic routing information.
 - (2) The Telephone Company will provide Optional Arrangements in association with the Entrance Facilities listed in 4.2.3(B)(1) and (2). The provision of such Optional Arrangements may require placement of Telephone Company equipment on the customer's premises. These Optional Arrangements are nonchargeable.

Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement as listed in 4.2.3 (B)(1) and (2). Where the transmission parameters permit and where signaling conversion is required by the customer to meet his signaling capability, the customer may order a supervisory signaling arrangement for each transmission path provided as follows:

For Interface Arrangements (1) and (2)

DX Supervisory Signaling arrangement, or E&M Type I Supervisory Signaling arrangement, or E&M Type II Supervisory Signaling arrangement.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.4 Description of End Office Services

End Office Services provide the end user termination functions and end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the end office. Standard Arrangements for End Office Services include the End Office Switching Rate Element. End Office Services Optional Arrangements are available as defined in 4.2.5.

End Office Services are provided in association with Switched Transport when ordered as in Section 3. End Office Services will be provided as one of the following types: FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, and SAC Access Service.

The number of End Office Service transmission paths and line terminations provided will be determined by the Telephone Company based on standard traffic engineering methods.

End Office Switching provides the following:

- The facilities to terminate end user Common Lines in end office switches or Special Access Lines in WATS Serving Offices.
- The end office switching functions necessary to complete a Switched Access Communication to or from end user Common Lines or Special Access Lines served by the end office.
- The termination of a call at a Telephone Company intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

End Office Switching is divided into two categories; End Office Switching - Bundled (EOSB) and End Office - Unbundled (EOSU). Application of the charges is in 4.5.2(N)(5) and the rates are in 4.6.3(C),(D), and (E).

End Office Switching is not provided in conjunction with switched access minutes of use that originate or terminate at a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.4 <u>Description of End Office Services</u> (Cont'd)
 - (E) FGD (Cont'd)
 - (2) FGD is provided as trunk-side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS& Out of Band Signaling is specified.
 - (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGD is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
 - (4) (Reserved for Future Use)
 - (5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
 - (6) (Reserved for Future Use)
 - (7) (Reserved for Future Use)
 - (8) (Reserved for Future Use)

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements

The following optional arrangements are available in offices where equipment, facilities, and other conditions permit. The Telephone Company makes no guarantee that these optional arrangements will be available in all locations.

Unless otherwise noted, these End Office Services Optional Arrangements are nonchargeable.

(A) Alternate Traffic Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) via a trunk group (the "high usage" group) to a CDL 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 or groups (via one or more intermediate high usage groups) to one or more CDLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

This option is provided in suitably equipped end office or access tandem switches and is available with FGB, FGC, and FGD.

This option is available with BSA-B, BSA-C, and BSA-D as a chargeable BSE as Specified in 4.2.22 and 4.5.10.

(B) <u>Automatic Number Identification (ANI) Arrangement</u>

This option provides the automatic transmission of a seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With FGC, ANI is provided from end offices at which the Telephone Company recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 End Office Services Optional Arrangements (Cont'd)
 - (B) Automatic Number Identification (ANI) Arrangement (Cont'd)

Where ANI cannot be provided (e.g., on calls from 2 (in some instances),4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

- (1) Telephone number is the station billing number no special treatment is required.
- (2) Multiparty line telephone number is a 2 (in some instances), 4, or 8 party line and cannot be identified - number must be obtained via an operator or in some other manner.
- (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number number must be obtained by operator or in some other manner.
- (4) (Reserved for Future Use)
- (5) The configuration of the line requires special screening or handling by the customer, or
- (6) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with FGB, FGC, and FGD only. In addition, the following information digits are available with FGD only:

- (a) InterLATA Area restricted telephone number is identified line.
- (b) InterLATA Area restricted line requires special screening or handling by the customer.

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

The ANI Arrangement is available with BSA-B, BSA-C, and BSA-D as a chargeable BSE as specified in 4.2.22 and 4.5.10.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 <u>End Office Services Optional Arrangements</u> (Cont'd)
 - (C) Intra Access Area Call Denial on Line or Hunt Group

This option allows for the screening of terminating FGA and BSA-A calls. The following screening arrangements are available with this option:

- (1) Screening of terminating calls for completion to only 411, 611, 911, 555-1212 all valid NXXs associated with the end offices within the LATA, i.e., the call cannot be further switched or routed out of the LATA.
- (2) Screening of terminating calls within the FGA or BSA-A Access Area for completion to only 411, 611, 911, 800, 555-1212, 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.

All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided where available. Arrangement 2 is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. These options are available with FGA or BSA-A.

(D) InterLATA Call Denial on Line or Hunt Group

This option allows for the screening of terminating calls and for completion only of calls within the LATA. All other calls are routed to an appropriate access announcement. Specifically, this option would block terminating calls to the following:

- InterLATA, dialed as either 7D, 10D, 1+7D, 1+10D, 950-XXXX 10XXX+7D or 101XXXX+10D.
- Service Access Codes (500, 700, 800, 877, 888 and 900).
- International, dialed as either 011 or 01.
- Operator, dialed as either 0+, 0- or 00.

This arrangement is provided in Telephone Company end offices, where available. It is available with FGA or BSA-A at rates and charges in Section 4.5.2(B). Blocking of the 800 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(E) Call Denial on Line or Hunt Group Outside the Access Area

This option allows for the screening of terminating calls and for completion only of calls within the Access Area. All other calls are routed to an appropriate access announcement. Specifically, this option would block terminating calls to the following:

- Outside the Access Area, dialed as either 7D, 10D, 1+7D, 1+10D, 950-XXXX, 10XXX+7D or 10XXX+10D.
- Service Access Codes (500, 700, 800, 877, 888 and 900).
- International, dialed as either 011 or 01.
- Operator, dialed as either 0+, 0- or 00.

This arrangement is provided in Telephone Company end offices, where available. It is available with FGA or BSA-A at rates and charges in Section 4.5.2(B). Blocking of the 800 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

(F) <u>Dual Tone Multifrequency Address Signaling</u>

This option allows reception of called party address signals from the customer in the form of Dual Tone Multifrequency (DTMF) signals. It is provided in all Telephone Company end offices where available. When FGA or BSA-A arrangements are provided as part of a hunt group or uniform call distribution group, and the customer requires DTMF address signaling, then all arrangements in the hunt group or uniform call distribution group will be so equipped. It is available with FGA or BSA-A.

(G) Hunt Group Arrangement

The Hunt Group arrangement is available with Feature Group A as a non-charageable option. This feature is available with BSA-A as a chargeable BSE as specified in 4.2.22 and 4.5.10.

- (1) 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. It is available with FGA. This arrangement contemplates one access code (i.e., telephone number) per arrangement.
- (2) This option provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Telephone Company.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(H) <u>Customer Specification of Switched Access Directionality</u>

This option allows the customer to specify the directionality of the trunk group (i.e., originating, terminating, or two-way) in lieu of Telephone Company specification. It is available with all Feature Groups and Basic Serving Arrangements. Rates and charges will be developed on an Individual Case Basis.

(I) International Direct Distance Dialing Arrangement

This option allows for FGD or BSA-D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing. 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 Telephone Company end offices or access tandems equipped for International Direct Distance Dialing.

(J) Nonhunting Number for Use with Hunt Group Arrangement

This option provides an arrangement for an individual line within a multiline hunt group that provides access to that line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A, or terminating use for Special Access Lines.

(K) Nonhunting Number for Use with Uniform Call Distribution Arrangement

This option provides an arrangement for a uniform call distribution multiline hunt group that provides access to an individual line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A, and terminating use for Special Access Lines. It can only be provided from suitably equipped stored program controlled switches.

(L) Operator Assistance Full Feature Arrangement

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the customer's operator. It is available with FGD or BSA-D. Rates and charges will be developed on an Individual Case Basis. This option is unavailable in conjunction with SS7 Out of Band Signaling.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(M) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the CDL, for originating calls. It is available with FGB or BSA-B where conditions permit.

(N) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a CDL, based on the service prefix code (e.g., 0+ or 01+) or service class code (e.g., 500, 600, 700, 800, 877, 888, or 900). It is provided in suitably equipped end office or access tandem switches and is available with FGC, FGD, BSA-C, and BSA-D. Originating 500-NXX-XXXX calls are routed in accordance with the 500 Customer Identification Function as described in 4.2.20. Originating 800-NXX-XXXX, 1+877-NXX-XXXX or 888-NXX-XXXX calls are routed in accordance with the 800/877/888 Customer Identification Function as described in 4.2.11.

(O) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the Access Area and for disallowing completion of calls to 0- and N11 (e.g., 411, 611 and 911). Where available this arrangement is provided in Telephone Company end offices. It is available with FGA or BSA-A and can only be provided from suitably equipped stored program controlled switches.

(P) Trunk Access Limitation

This option, where available, provides for the routing of originating 900 or 900 like Service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to a 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 available with FGC, FGD, BSA-C, and BSA-D.

(Q) <u>Uniform Call Distribution Arrangement</u>

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for FGA and terminating use for Special Access Lines. Uniform Call Distribution is available with BSA-A as a chareable BSE as specified in 4.2.22 and 4.5.10.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access (Cont'd)</u>

4.2.5 End Office Services Optional Arrangements (Cont'd)

(R) Up to 7 Digit Outpulsing of Access Digits to the Customer

This option provides for the end office capability of providing up to 7 digits of the access code to the CDL. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the CDL using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that arrangement was provided. It is available with FGB and BSA-B in suitably equipped end offices.

(S) Band Advance Arrangement

This arrangement is available for Special Access Lines used with a Switching Interface. This option, which is provided in association with two or more groups, provides for the automatic overflow of terminating calls from a line group, that has exceeded its call capacity, to another line group with equal or a greater number of bands than that of the overflowing line group. This arrangement does not provide for call overflow from a group with a higher designation to one with a lower band

(T) FGD and BSA-D Switched Access with 950-XXXX Access

FGD or BSA-D Switched Access with 950-XXXX Access is a optional arrangement that provides for the routing of originating calls using a customer's 950-0XXX or 950-1XXX access code(s) to the customer over the customer's FGD or BSA-D trunks. All such calls will be rated as FGD or BSA-D switched access calls.

This optional arrangement, available where technically feasible in equal access end offices, uses FGD or BSA-D signaling protocols and technical specifications. The 950-0XXX or 950-1XXX traffic can be routed over FGD or BSA-D trunks combined with the customer's standard FGD or BSA-D traffic directly to the CDL or through a Telephone Company access tandem to the CDL. The customer must be able to differentiate standard FGD or BSA-D calls from 950-0XXX and 950-1XXX calls delivered over the same FGD or BSA-D trunks. FGD or BSA-D Switched Access with 950-0XXX or 950-1XXX Access is not available with certain Telephone Company Access tandem switches when the signaling from an end office to the Telephone Company Access tandem is multifrequency address signaling and the signaling from the Telephone Company Access tandem to the CDL is SS7 Out of Band signaling. The customer may not have originating FGD or BSA-D switched access with 950-XXXX access and originating FGB or BSA-B switched access in the same end office utilizing the same 950-XXXX Customer Identification Code.

(U) Operator Assistance for SAC Access Service

This option provides for operator completion of N00-NXX-XXXX type calls which are generated by an end user by dialing 0-. This option is available with SAC Access Service and with FGC, FGD, BSA-C, and BSA-D which are used in conjunction with SAC Access Service.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(V) Switched Access Interface

This arrangement provides the line switching and supervisory functions necessary to interface Voice Grade Special Access and Switched Access Services together for the provision of customer WATS and WATS-Type service. This service provides a transmission path capable of originating and/or terminating the customer's interstate and combined interstate/intrastate traffic. Combining of intrastate traffic will be provided in accordance with any individual state regulations as outlined in 4.2.5(V)(5).

This arrangement is only available from Telephone Company designated end offices which are identified as WATS Serving Offices (WSO) in NECA Tariff FCC No. 4. Technical limitations resident in certain end office switches may preclude the availability of certain Switched Access Interface features. Depending on the configuration selected below, the Telephone Company will provide such services from the closest WSO that is technically equipped to provide such services. Special Access Transport charges as described in 5.1.1(B)(2) will be applicable to the WATS Serving Office appropriately equipped for the service feature requested.

The Switched Access portion of this arrangement is available from Section 4 of this tariff, except as set forth in (5) following, and provides connectivity from the Telephone Company's WATS Serving Office to the CDL of the customer. The Special Access portion of this feature is available from Section 5 of this tariff and provides connectivity from the Telephone Company's WATS Serving Office to the end user's CDL.

Switched Access Interface Service is available in the following configurations/ features:

(1) Originating Only Feature

The Originating Only feature is available from appropriately equipped WATS Serving Offices on a per line basis and provides for the transporting of interstate calls from a special access line to the customer via either FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D switched access. It is provided in the following two arrangements:

(a) Restricted Geographic Screening Arrangement - Originating Only

This arrangement provides the ability to screen a dialed number by NPA and/or NXX on the basis of a geographical band which is in accordance with an end user's service agreement with the customer. The geographical bands available are those in effect as of the effective date of this tariff provision. The customer must provide the Telephone Company with the band information required for each Special Access line subscribed to this service.

This arrangement is provided when used exclusively for interstate traffic (excluding international). This arrangement is not available for Multi-jurisdictional traffic (combined interstate and intrastate) as set forth in 4.2.5(V)(1)(b) following.

SWITCHED ACCESS (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 End Office Services Optional Arrangements (Cont'd)
 - (V) Switched Access Interface (Cont'd)
 - (1) Originating Only Feature (Cont'd)
 - (b) Unrestricted Arrangement Originating Only

This arrangement is a multi-jurisdictional offering provided from a Telephone Company appropriately equipped WATS Serving Office and provides for the transporting of interstate and intrastate calls from a Special Access Line to the customer via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, and BSA-D Switched Access. FGA or BSA-A access is obtained from a WATS Serving Office by dialing a standard seven digit number. FGB or BSA-B access is obtained from a WATS Serving Office by dialing 950-XXXX or 1+950-XXXX. The combining of interstate and intrastate traffic will be in accordance with 4.2.5(V)(5) following. This arrangement provides for transporting the following types of calls:

- 1+NPA-NXX-XXXX, 1+700-NXX-XXXX, and 1+FNPA-555-1212 calls to the IC customer or via facilities of the Telephone Company where state restrictions exist as detailed in 4.2.5(V)(5) following;
- 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls to the carrier in accordance with the 800/877/888 Customer Identification Function described in 4.2.11;
- 1+900-NXX-XXXX calls to the carrier in accordance with the 900 Customer Identification function described in 4.2.12;
- 1+500-NXX-XXXX calls to the carrier in accordance with the 500 Customer Identification function described in 4.2.20;
- 0+NPA-NXX-XXXX calls to the IC customer or via facilities of the Telephone Company where state restrictions exist as detailed in 4.2.5(V)(5) following;
- calls originated by dialing 0 (zero) to the Telephone Company operator;
- calls originated by dialing 00 (Zero, Zero) to the IC customer (available only with FGD or BSA-D);
- calls originated by dialing 01 or 011 to the IC customer; and
- 1+ or 0 (zero)+ NPA-NXX-XXXX calls preceded by the access code 10XXX to the carrier designated by the dialed digits (available only with FGD or BSA-D).

Optional Access Code Arrangement

Subject to technical availability, on an individual line basis, calls preceded by the access code 101XXXX will be blocked.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 End Office Services Optional Arrangements (Cont'd)
 - (V) Switched Access Interface (Cont'd)
 - (2) 800/877/888 Type Terminating Only Feature

The 800/877/888 Type Terminating Only feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides for the termination of all calls from the subscribing carrier (originated on a 1+800, 1+877 or 1+888 basis) directed to the Special Access via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, and BSA-D Switched Access.

(3) Combined Originating/800/877/888 Type Terminating Calling Feature

The Combined Originating/Terminating Calling feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides the functionalities of both the Originating Only and the 800/877/888 Type Terminating Only features.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 <u>End Office Services Optional Arrangements</u> (Cont'd)
 - (V) Switched Access Interface (Cont'd)
 - (4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

Switched Access Interface Arrangements

	Restricted Geographic Screening Arrangement	Unrestricted Arrangement	800/877/888 Type Terminating Only	Combined Originating/ 800/877/888 Type Terminating
Section Ref.	(V)(1)(a)	(V)(1)(b)	(V)(2)	(V)(3)
<u>Directionality</u> Originating Only Terminating Only Two-Way	x	x	x	x
Call Type (1+) Local IntraLATA/Intrast. IntraLATA/Interst. InterLATA/Intrast. InterLATA/Interst.	B B D B	B R/D* D D* D	В С С С	B R/D/C* D/C D/C* D/C
Service Prefix 0- 00- 0+ IDDD 101XXXX	R D B B	R D D* D D/B*		R D D* D D/B*
Traffic Type 411 911 976 700 500/800/877/888/90	B R R B B 00 B	B R R D		B R R D

D = Telephone Company DELIVERS traffic to the customer.

R = Telephone Company RETAINS and completes traffic.

C = Telephone Company COMPLETES traffic to the end user's premises.

B = Telephone Company BLOCKS traffic to an announcement.

^{*} Intrastate traffic will be delivered to the customer except where a state restriction on the passage of intraLATA and/or interLATA traffic exists. These restrictions are detailed in 4.2.5(V)(5) following.

4. SWITCHED ACCESS (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.5 End Office Services Optional Arrangements (Cont'd)
 - (W) (Reserved for Future Use)
 - (X) (Reserved for Future Use)
 - (Y) Switched Data Service
 - (1) Switched 56

This option provides for a connection capable of up to 56 Kbps digital transmission between the customer's CDL and a suitably equipped end office. Switched Data service lines connected at those suitably equipped end offices will be accessed on a switched basis for digital transmission up to 56 Kbps. These locations are identified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 Wire Center and Interconnection Information.

This option is provided only with FGD or BSA-D. A separate FGD or BSA-D trunk group must be established for the provision of Switched Data service. This trunk group requires the use of a DS1 digital interface as described in Section 4.2.3(B)(6). Switched Data and Non-Switched Data traffic may not be combined on the same trunk group.

Access is made via the standard dialing pattern as set forth in section 4.2.1(D)(8) and 4.2.2(D)(8).

(2) Switched 64

This option provides for a connection capable of up to 64 Kbps digital transmission with clear channel capability between the customer's CDL and a suitably equipped end office. Clear channel capability allows for full bandwidth availability to the customer with no part of the channel used for control, framing or signaling.

Switched 64 requires all digital facilities including the use of a DS1 digital interface as described in Section 4.2.3(B)(6) and is available only with FGD or BSA-D from end offices capable of providing SS7 signaling, Bipolar with Eight Zero Substitution (B8ZS) line code format and Integrated Services Digital Network (ISDN) or other Switched Data based services. These locations are identified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 Wire Center and Interconnection Information.

Access is made via the standard dialing pattern as set forth in Section 4.2.1(D)(8) and 4.2.2(D)(8).

A separate FGD or BSA-D trunk group must be established for the provision of Switched 64 service.

Switched data and non-switched data traffic may not be combined on the same trunk group.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(Z) <u>0+900 Service</u>

The 0+900 service option provides 0+900+NXX-XXXX dialing capability from end offices converted to equal access within a LATA. The 0+900 service option is provided only in conjunction with a customer's 1+900+NXX-XXXX dialing capability and is not offered without that capability.

Calls to a 900 number dialed via 0+ will be blocked unless an ASR requesting unblocking is submitted to the Telephone Company by the customer. In addition, calls originating in a LATA for which 1+900 and 0+900 dialing capability has been established will be blocked utilizing the following blocking specifications.

- 1+900+NXX-XXXX will be blocked from coin phones (except customer owned coin operated telephones), 101XXXX, Inmate service, Hotel/Motel service (except those with customer owned rating services).
- 0+900+NXX-XXXX will be blocked from 10XXX and Inmate service.

(AA) Signaling System 7 (SS7) Out of Band Signaling

This option is provided in conjunction with Common Channel Signaling System 7 (CCS7) Access Service described in 4.2.10 and is only available with Switched Access FGD or BSA-D service, 500 SAC Access Service, 800/877/888 SAC Access and 900 SAC Access Service. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD or BSA-D Switched Access, 500 SAC Access, 800/877/888 SAC Access and 900 SAC Access Services, equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital existing customers only, DSC Digital, and DS3C Digital existing customers only. SS7 Out of Band Signaling is provided at suitably equipped Telephone Company end office or access tandem switches. The technical specifications for SS7 Out of Band Signaling are described in Bellcore Technical Reference Publication TR-TSV-000905.

(AB) Calling Party Number (CPN) Parameter

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit 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 CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user. The technical specifications for CPN are described in Bellcore Technical Reference Publication TR-TSV-000905.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(AC) <u>Carrier Selection Parameter (CSP)</u>

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. The technical specifications for CSP are described in Bellcore Technical Reference Publication TR-TSV-000905.

(AD) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE as shown in 4.6. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. The technical specifications for CN are described in Bellcore Technical Reference Publication TR-TSV-000905.

- (AE) Reserved for Future Use
- (AF) Reserved for Future Use

(AG) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in 4.6.12. Application of the charges is in 4.5.2(M).

The Telephone Company will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information. However, the Telephone Company cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Telephone Company shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.6 Call Restriction and Code Screening Reports

The customer, when ordering Call Denial on Line or Hunt Group, Service Class Routing or Trunk Access Limitation as in 4.2.5, shall report the appropriate codes to be instituted in each end office switch.

4.2.7 Installation and Acceptance Testing of Switched Access

- (A) The Switched Access provided under this tariff (a) will include any Telephone Company installed equipment, entrance cable or drop wiring, and wiring or cable within a building necessary to terminate the Switched Access at a point of termination reasonably situated so as to serve the CDL, and (b) will be installed by the Telephone Company to such a point of termination. The customer shall be responsible for providing facilities beyond the point of termination. When performing installation and acceptance testing, the Telephone Company will, on a cooperative basis, test the line or trunk beyond the customer's first point of switching (i.e., End-To-End).
- (B) At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, loss, 3-tone slope, DC continuity, C-notched noise, C-message noise and operational signaling, when applicable. When the Interface Arrangement is established at the Telephone Company's first point of switching, and the customer requests these tests, the Telephone Company will perform the tests independently and provide the results to the customer. When the Interface Arrangement provides a four-wire voice transmission facility and the point of termination provides two-wire voice transmission (i.e., there is a four-wire to two-wire conversion at the point of termination), echo control (balance-echo return loss/equal level echo path loss) may also be tested.

Additional charges will apply as in 6.6(A)(1) when: (a) the customer requests a test not set forth above, or (b) the test requested is not essential to the installation of the particular Switched Access ordered.

If acceptance tests are not started within 15 minutes after the scheduled appointment time for such tests, as negotiated between the Telephone Company and the customer, additional charges will apply, as in 6.2(D) and 6.2(G), unless the delay is caused by the Telephone Company.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.8 Provision of Design Layout Report

The Telephone Company will provide to the customer the makeup of the Switched Transport portion of the Switched Access provided under this tariff to enable the customer to design its overall service. This information will be reissued or updated whenever the makeup of the facilities provided to the customer are materially changed.

4.2.9 Network Management

The Telephone Company will administer its network to ensure the provision of standard traffic grade of service levels to all telecommunications users of the Telephone Company's network services. The Telephone Company maintains the right to apply protective controls such as diversion of overflow traffic to informational announcements or restriction of access to congested traffic areas on any traffic carried over its network in order to assure satisfactory service levels to all customers. These controls include the right to restrict and, if necessary, deny access to and from the point of termination at the CDL.

Outage credit will apply as in 2.4.4, in cases where all transmission paths are blocked as a result of application of protective controls, except that to the extent that these controls relate to emergency situations, no notice requirement is necessary beyond that already provided for in this tariff.

4.2.10 (Reserved for Future Use)

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.11 800/877/888 Customer Identification Function

This function utilizes 800/877/888 Data Base Query Service, as described in 4.2.19, to screen all ten digits of all 800-NXX-XXXX, 1+877-NXX-XXXX or 888-NXX-XXXX type calls generated by end users to determine the customer to which the 800/877/888 call is to be routed. This function is provided in conjunction with 800/877/888 SAC Access Service.

4.2.12 <u>900 Customer Identification Function</u>

This function provides for screening of the first six digits of all 900-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 900 SAC Access Service and with FGC, FGD, BSA-C, and BSA-D.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.13 Design and Routing of Switched Access

The Telephone Company shall work cooperatively with the customer to design and determine the routing and directionality of Switched Access including the selection of facilities from the first point of switching to the CDL. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available, Telephone Company traffic routing plans, and the customer's order for service.

4.2.14 Provision of Switched Access Performance Data

Performance data for Switched Access will be made available to the customer based on Telephone Company established intervals and availability. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. Any request for data or format that is not Telephone Company Standard will be handled on an Individual Case Basis with any associated cost to be borne by the customer. Performance data related to customer provided facilities will not be provided.

4.2.15 Transmission Performance

Each Switched Access transmission path is provided with a standard transmission performance. The standard for a particular path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. In addition, Data Transmission Parameters may be ordered by the customer. The transmission performance parameters are set forth in Section 7000 of the GTE Technical Interface Reference Manual. The transmission performance parameters relate only to the Telephone Company provided portion of the service.

The transmission specifications and diversity requirements for CCS7 Access service are as described in Bellcore Technical Reference Publication TR-TSV-000905.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.16 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access to meet the blocking probability criteria as follows:

- (A) For FGA or BSA-A no design blocking criteria apply.
- (B) For FGB, FGC, BSA-B, and BSA-C and SAC Access Service, the design blocking objective will be one percent (.01) between the CDL and the first point of switching as in reference document GTE Service Corporation Telephone Operations Traffic Grade of Service Standards. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For FGD or BSA-D the design blocking objective will be one percent (.01) between the CDL and the end office switch as in reference document GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (D) When FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service is ordered in trunks, the Telephone Company cannot guarantee these design blocking probabilities. The Telephone Company will perform routine measurement functions, except on FGA or BSA-A, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (BHMC or quantities of trunks) 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.

SWITCHED ACCESS (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.16 Design Blocking Probability (Cont'd)
 - (D) (Cont'd)
 - (1) For FGB, FGC, BSA-B and BSA-C transmission paths carrying traffic between a CDL and the first point of switching, or FGD transmission paths, carrying traffic direct between a CDL and an end office, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number of Measurements Per Trunk Group				
<u> </u>	15-20	11-14	7-10	5-6	
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	Measurements	
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	

(2) For FGD and BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group		Measured Blocking Thresholds in the Daily Busiest Hour for the Number of Measurements Per Trunk Group				
	15-20	11-14	7-10	5-6		
	<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		

4.2.17 Special Facilities Routing

A customer may request that the facilities used to provide Switched Access be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are in Section 9.

4. SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.18 Information Surcharge

- (A) The Information Surcharge applies to each Switched Access minute of use (measured or assumed) and shall be assessed upon all customers that use local switching facilities for the provision of interstate or foreign telecommunications.
- (B) The Information Surcharge is to recover the costs of the functions associated with the printing of the directory white pages. The surcharge is assessed to a customer based on the total number of access minutes at the rates in 4.6.
- (C) The Information Surcharge rate element does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem office.

4.2.19 800/877/888 Data Base Query Service

800/877/888 Data Base Query Service, offered in conjunction with 800/877/888 SAC Access Service, performs the 800/877/888 Customer Identification Function, as described in 4.2.11, to determine the customer to whom 800/877/888 calls must be routed. For all 1+800-NXX-XXXX, 1+877-NXX-XXXX, or 1+888-NXX-XXXX calls originated by an end user, the Telephone Company will perform the customer identification function using a Telephone Company 800/877/888 Data Base to screen the dialed ten digits of the 800/877/888 call to determine the customer selected by the 800/877/888 subscriber to carry that 800/877/888 call. If the 800/877/888 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/877/888 Data Base Query Service, the 800/877/888 call will be routed to the selected customer for completion.

Basic 800/877/888 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+877-NXXX-XXXX calls or 1+888-NXX-XXXX on a simple call turn around basis to one particular customer or to different customers based on the LATA in which the 800/877/888 call originates.

Premium 800/877/888 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls to:

- (A) Different customers based on time of day, day of week, or based on number of calls allocated by 800/877/888 subscriber selected percentages.
- (B) Different terminating locations based on time of day, day of week, or based on number of calls allocated by 800/877/888 subscriber selected percentages.
- (C) Standard seven digit local exchange telephone numbers at the terminating end based on the 800/877/888 subscriber's specific requirements.

The 800/877/888 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's (NASC's) Service Management System (SMS).

Rate regulations and charges applicable to 800/877/888 Data Base Query Service appear in 4.5.2(H) and 4.6.7.

4.2.20 500 Custom Identification Function

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC and FGD.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.21 (Reserved for Future Use)

4.2.22 Basic Service Elements

The following Basic Service Elements (BSEs) are chargeable unbundled service options available only with Basic Serving Arrangements. The Telephone Company makes no guarantee that these BSE's will be available in all locations. Rate regulations and charges applicable to BSEs appear in 4.5.10 and 4.6.3.

(A) Alternate Traffic Routing - BSE

This BSE provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) via a trunk group (the "high usage" group) to a CDL 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 or groups (via one or more intermediate high usage groups) to one or more CDLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

When a BSA-D customer subscribes to TAS (Tandem Access Sectorization) and Alternate Traffic Routing, the "final" trunk group and any intermediate trunk groups carrying additional originating overflowing traffic must terminate at the same CDL as does the "high usage" trunk group.

Alternate Traffic Routing - BSE is provided in suitably equipped end office or access tandem switches and is available with BSA-B, BSA-C, and BSA-D.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.21 (Reserved for Future Use)
 - 4.2.22 Basic Service Elements (Cont'd)
 - (B) Automatic Number Identification (ANI) BSE

This BSE provides the automatic transmission of a seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

These information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for service directly related to the originating subscriber's call or transaction.

The ANI provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than:

- performing the services or transactions that are subject of the originating subscriber's call;
- ensuring network performance security, and the effectiveness of call delivery;
- compiling, using and disclosing aggregate information; and,
- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the ANI Arrangement from using information acquired from an ANI Arrangement, such as the telephone number or information derived from analysis of the characteristics of calls received through the ANI Arrangement, to offer a product or service that is directly related to the products or services previously purchased by a customer of the ANI Arrangement subscriber.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.21 (Reserved for Future Use)
 - 4.2.22 Basic Service Elements (Cont'd)
 - (B) Automatic Number Identification (ANI) BSE (Cont'd)

The seven digit ANI telephone number is available with BSA-B and BSA-C. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with BSA-D. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number Parameter as described in 4.2.5(AD) at the rates for ANI-BSE as shown in 4.6. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With BSA-C, ANI is provided from end offices at which the Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided (e.g., on calls from 2, in some instances, 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

- (1) Telephone number is the station billing number no special treatment is required.
- (2) Multiparty line telephone number is a 2, in some instances, 4, or 8 party line and cannot be identified number must be obtained via an operator or in some other manner.
- (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number number must be obtained by operator or in some other manner.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.21 (Reserved for Future Use)
 - 4.2.22 Basic Service Elements (Cont'd)
 - (B) <u>Automatic Number Identification (ANI) BSE</u> (Cont'd)
 - (4) The configuration of the line requires special screening or handling by the customer, or
 - (5) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with BSA-B, BSA-C, and BSA-D only. In addition, the following information digits are available with BSA-D only:

- (a) InterLATA Area restricted telephone number is identified line.
- (b) InterLATA Area restricted line requires special screening or handling by the customer.

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

(C) <u>User Transfer</u>

This option, available with BSA-A, provides the ability to temporarily hold an established call, originate another call to a third party, and then redirect the first call to the third party. When a call has been transferred, the original line/trunk is cleared to place or receive another call.

SWITCHED ACCESS (Cont'd)

4.2 <u>Description of Switched Access</u> (Cont'd)

4.2.21 (Reserved for Future Use)

4.2.22 Basic Service Elements (Cont'd)

(D) Hunt Group Arrangement - BSE

This BSE, available only with BSA-A, 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 BSE contemplates one access code (i.e., telephone number) per arrangement. This BSE also provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Telephone Company.

(E) Queuing - BSE

This BSE is available only with BSA-A in conjunction with the Uniform Call Distribution (UCD) BSE and may only be provided in Telephone Company electronic end offices.

When all terminals in a UCD Arrangement are busy, queuing allows for an incoming call to be placed in queue to await an available terminal in the UCD arrangement. When a call is placed in queue, audible ringing is returned to the customer and no further indication is sent until a terminal completes the call. The call that has been in queue the longest will be the first call handled when a terminal becomes available. The maximum number of calls that can be placed in queue is dependent upon the total number of lines in the multiline hunt group. If the incoming call cannot be placed in queue, the calling party will receive a busy tone.

(F) <u>Uniform Call Distribution - BSE</u>

This BSE provides a type of multiline hunting arrangement which evenly distributes calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for BSA-A and terminating use for Special Access Lines.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.2 <u>Description of Switched Access</u> (Cont'd)
 - 4.2.22 Basic Service Elements (Cont'd)
 - (G) Simplified Message Desk Interface (SMDI)

This option provides call-related information for calls utilizing a BSE hunt group arrangement. SMDI provides the capability for delivering the called number, the calling number, and a call forwarding indicator (i.e., call forwarding busy, call forwarding don't answer, or direct call). This information is transmitted to the CDL utilizing a DNAL (Section 4.2.2). In addition, where customer equipment exists, SMDI will allow a customer to activate a message waiting indicator to the called number. The message waiting indicator includes Message Waiting Indication - Audible or Message Waiting Indication - Audible Ring Burst.

The customer shall provide the appropriate Customer Premises Equipment (CPE) to store, display or print the transmitted call status information as well as equipment to activate or deactivate the message waiting indicator. The Telephone Company assumes no liability and will be held harmless for any incompatibility of their CPE to perform satisfactorily with this feature. This BSE, available with BSA-A, is provided from suitably equipped end offices. The customer is responsible for providing a modem at the CDL which interfaces with the Telephone Company equipment at 1200 baud ASCII.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.3 Obligations of the Customer

4.3.1 On and Off-Hook Supervision

The customer facilities shall provide the necessary on and off-hook supervision.

4.3.2 ASR Requirements

The customer shall order all Switched Access as in Section 3, and 4,3,2 and 4,3,3.

Switched Access capacity is measured at the Telephone Company's first point of switching. ASRs for Entrance Facilities and Direct-Trunked Transport must specify the customer designated location, type of service (e.g., Voice Grade, DS1 or DS3), the channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify any Hubs involved and the end office, when direct routing to an end office is desired, or the access tandem if direct routing to an access tandem switch for purposes of obtaining Tandem-Switched Transport is desired.

ASRs for Direct-Trunked Transport must also specify the Feature Group or BSA, number of lines or trunks at the end office or tandem, major traffic types and directionality. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800, 877, 888 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800, 877, 888 or 900 traffic for that trunk group.

Customers may order Tandem-Switched Transport by specifying the number of trunks required between the CDL and access tandem switch or BHMCs between the CDL and the end office. The customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type. The customer shall provide, when it orders lines or trunks, its projected interstate traffic distribution by percent for each end office in the Access Area by traffic type. If the customer fails to provide its traffic distribution, the Telephone Company will use appropriate Telephone Company traffic studies to project distribution by end office.

When FGA or BSA-A is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area as in 4.2.1, 4.2.2, and 4.2.5(C), (D) or (E), or extended beyond the Access Area (i.e., local calling area) as in 4.5.2(N)(3). If the customer wishes to restrict the traffic, the rates in 4.5.2(B) may apply, depending upon the optional arrangement selected.

When the Alternate Traffic Routing optional arrangement is provided, Percent Traffic Routed (PTR) values must be provided on the ASR as described in 4.5.2(N)(2)(h).

When a customer orders Switched Access for mixed interstate and intrastate usage, the customer shall provide an estimate of the total usage which will be interstate by traffic type. The customer allocated percentages will be used as a basis of the jurisdictional determination for billing purposes of all charges until a more accurate determination can be provided as in 4.3.3 and 4.5.2(J).

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination

For purposes of determining the jurisdiction of Switched Access traffic, once the Switched Access service is activated, the following criteria will apply:

- (A) When the Telephone Company has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic, the Telephone Company will determine the jurisdiction of Switched Access traffic. In those instances where the Telephone Company cannot determine the jurisdiction, the customer will be required to provide this information as described below.
- (B) To determine the jurisdiction of FGA and FGB Switched Access traffic and that traffic placed on a 1+ basis in conjunction with FGA, the following criteria will apply:
 - (1) Traffic that enters a customer's network at a point within the same state as that in which the station designated by dialing is situated will be considered as intrastate.
 - (2) Traffic that enters a customer's network at a point in a state other than that in which the station designated by dialing is situated will be considered interstate.
- (C) When determining the jurisdiction of Switched Access traffic provided via a BSA or BSE, and the interstate equivalent of the BSA or BSE is only available on a bundled feature group basis, interstate usage will be prorated to the bundled interstate feature group equivalent of the BSA.
- (D) When a customer submits an order for Switched Access services the customer must state the Percentage of Interstate Usage (PIU) on a statewide, LATA, billing account number (BAN) or end office level as follows:
 - (1) For FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, 800, 877, 888 and 900 End Office services, the PIU will be applied to the appropriate Carrier Common Line, End Office Switching, Information Surcharge, Interconnection Charge, and, if applicable, Tandem Switched Transport and Tandem Switching minutes of use.
 - (2) A PIU shall be provided for each Entrance Facility and a separate PIU shall be provided for each Direct-Trunked Transport facility reflecting the originating and terminating traffic of all Switched Access services that use such facilities. A consolidated PIU for all Entrance Facility and Direct-Trunked Transport elements may be provided at the option of the customer if such PIU is representative of the actual interstate use of the service.
 - (3) In addition, for FGC terminating traffic, the customer must submit a Percent Direct Routed (PDR) factor. If a PDR is not provided, the Telephone Company will assume a PDR factor of zero percent. This provision will expire at the end of June 30, 1994 unless otherwise extended, revised or cancelled.
 - (4) Reserved for Future Use

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.3 Obligations of the Customer (Cont'd)
 - 4.3.3 Jurisdictional Determination (Cont'd)
 - (E) If the customer provides jurisdictional information, the following requirements apply:
 - (1) The customer will provide quarterly reports indicating the percent of total Telephone Company provided Switched Access usage that is interstate and intrastate. The reports may aggregate usage at a statewide, LATA, BAN (Billing Account Number) or end office level.
 - (2) The reports will be based on the calendar year and will be due within fifteen days after the end of the quarter beginning with the completion of the first full quarter of service.
 - (3) The customer will maintain records of call detail from which the jurisdictional determination is made. For verification purposes the Telephone Company may request that these records be made available for inspection and audit on not more than an annual basis. Such audit may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone is willing to pay the expense.

The quarterly reports will be used as the basis for prorating charges to the interstate and intrastate jurisdictions for the next three month's billing and will be effective on the first day of the next monthly billing period which begins at least 15 business days after the day on which the customer reports the revised jurisdictional information to the Telephone Company.

In the event the customer fails to provide a report for one or more quarters, the Telephone Company will use the most recently provided quarterly report for subsequent bills until the customer provides an updated report.

No revisions to bills preceding the effective date of the revised jurisdictional information will be made based on this report.

(F) Intrastate 800/877/888 NPAS usage will be split between interLATA and intraLATA usage based on reports developed by the IC. InterLATA usage will be billed under Section 4. IntraLATA usage will be billed under the Southwestern Bell WATS tariff.

AT&T's 700 EasyReach will be spilt between interLATA and intraLATA usage based on reports developed by AT&T. InterLATA usage will be billed under Section 4. IntraLATA usage will be billed under the Southwestern Bell WATS Tariff.

(G) For AT&T 700 EasyReach AT&T must submit a 700 Access Service Percent intrastate/intra-LATA usage (PIL) report for determination of 700 access service jurisdiction. This quarterly report shall include the PIL of originating 700 intrastate intraLATA access service minutes for each LATA from which the customer may originate 700 traffic. Effective on the first of January, April, July and October of each year the customer shall update the 700 PIL usage report. The customer shall forward to the Telephone Company, to be received no later than 15 business days after the first of each quarter, a revised 700 Access Service usage report. This report will show the usage for the most recent three months for which data is available and will service as the basis for the next three months billing. No prorating or back billing will be done based on this report.

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FACILITIES FOR STATE ACCESS

- 4. SWITCHED ACCESS (Cont'd)
 - 4.3 Obligations of the Customer (Cont'd)
 - 4.3.3 Jurisdictional Determination (Cont'd)
 - (G) (Cont'd)

If AT&T does not submit an initial 700 Percent intrastate/intra-LATA (PIL) usage report or quarterly update on that usage, the customer's intraLATA portion will be billed at 20% of the intrastate usage as a surrogate to a customer provided 700 PIL.

- (H) There may be some portion of terminating minutes where it is not possible to know and therefore to send, the needed originating number information. A "floor" of 7.00 percent (%) will be set for terminating minutes lacking originating numbers for all switched access customers.
 - (1) When the percentage of terminating traffic without sufficient call detail to determine jurisdiction does not exceed the sum of the floor plus a 2.00 percent (%) grace threshold or 9.00 percent (%), the Telephone Company will apply the PIU factor, either provided by the customer or as set forth in Section 4.3.3(A) above.
 - (2) When the percentage is greater than 9.00 percent (%), the Telephone Company will assess rates from this tariff on all minutes exceeding the floor. For example, if 30 percent (%) of a customer's terminating minutes sent to the Telephone Company do not contain sufficient originating information to allow the Telephone Company to determine the originating location, then the Telephone Company would apply the provisions of this tariff to those minutes exceeding the floor, or 23 percent (%) in this example.

In the event that the Telephone Company applies rates to terminating calls without originating number information as provided in this tariff, customers will have the opportunity to request backup documentation of the Telephone Company's basis for such application, and further request that the Telephone Company change the application of the intrastate access rate upon a showing by the customer of why the intrastate rate should not be applied.

(AT)

(AT)

Text previously found on this sheet is now found on sheet No. 98.1.

ISSUED: October 9, 2009 EFFECTIVE: October 19, 2009

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.4 Payment Arrangements and Credit Allowances

(MT)

- 4.4.1 (Reserved for Future Use)
- 4.4.2 Cancellation of Applications

A customer may cancel an application for Switched Access in Accordance with the regulations and charges in Section 3.

4.4.3 Credit Allowances

- (A) Allowances for service interruptions are in 2.4.4.
- (B) Usage Sensitive Service credit will be included in the FGA or BSA-A monthly bills rendered to customers to reflect usage charges collected from their end users for interstate calls. The amount of credit applies to the End Office Switching rate element for originating calls. When the customer is provided originating only FGA or BSA-A service, the credit will apply to either the actual access minutes measured or the assumed minutes as in 4.5.2(O)(3).

No credit will apply for terminating only FGA or BSA-A.

(C) (Reserved for Future Use)

4.5 Rate and Charge Regulations

4.5.1 Rate Elements

(A) For the purposes of determining the rates and charges for Switched Access, including SAC Access Service, the following six rate elements may apply:

Entrance Facility
Direct-Trunked Transport
Tandem-Switched Transport
Multiplexing
Interconnection Charge
End Office Switching
Information Surcharge
800/877/888 Data Base Query

FGB, FGC, FGD or BSA-B, BSA-C, BSA-D and SAC Access Service are also subject to the Network Blocking charge per call as in 4.5.2(I).

(B) (Reserved for Future Use)

(MT)

(MT) Text identified on this sheet was previously found on sheet No. 98.

ISSUED: October 9, 2009 EFFECTIVE: October 19, 2009

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access including SAC Access service and 800/877/888 Data Base Query service.

Switched Transport rates will be applied based on the Zone Density Rate Plan as described in 4.5.4 and contained in Section 19.

(A) Types of Rates and Charges

The following types of rates and charges apply to Switched Access.

(1) Usage Rated

Usage rates are rates applied on a per Access Minute basis as described in 4.5.2(N)(1), or they are applied on a per guery basis either as basic or premium as described in 4.5.2(H).

End Office Switching and Information Surcharge rate elements are usage rated.

The Tandem-Switched Transport - Termination, Tandem Switching, and Interconnection rate elements are usage rated.

The Tandem-Switched Transport - Facility rate element is both usage and distancesensitive.

(2) Flat Rated

Flat rates apply, on a per month basis, regardless of the amount of rate element usage. Flat rates may be either distance-sensitive or nondistance-sensitive.

Direct-Trunked Transport is flat-rated and, with the exception of Voiceband Transport, is both distance and nondistance-sensitive. Voiceband Transport is distance-sensitive only.

The Entrance Facility is flat-rated and is nondistance-sensitive.

Multiplexing is a flat-rated element.

(3) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activities in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement.

4. SWITCHED ACCESS (Cont'd)

- 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (A) Types of Rates and Charges (Cont'd)
 - (3) Nonrecurring Charges (Cont'd)
 - (a) Switched Access Installation and Ordering Charges

Pursuant to the Federal Communications Commission's (FCC) Order in CC Docket No. 91-213, Transport Rate Structure and Pricing, released October 16, 1992, all nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks or the conversion of existing Switched Transport circuits from a lower capacity service to a higher capacity service or from a higher capacity service to a lower capacity service. Waiver of these NRCs will commence on February 1, 1993 and continue through June 30, 1994.

Changes in name or ownership or transfer of responsibility from one customer to another requires the discontinuance of service and the start of a new service when an interruption or relocation of service is involved. The Switched Access Ordering Charge and Service Installation Charge, if appropriate, and any appropriate Minimum Period Charges will apply per service change.

(1) Service Installation Charge

For Entrance Facilities, this charge applies to customer requests for installation of Switched Access Entrance Facilities from the CDL to the serving wire center. The Service Installation Charge applies on a per Entrance Facility basis and is dependant upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3). In addition, for DS1 Entrance Facilities, a separate nonrecurring charge applies for the first DS1 Entrance Facility ordered and each additional DS1 Entrance Facility between the same CDL and serving wire center. The "First System" charge is assessed per entrance facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply. Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation charge shall apply to the new Entrance Facility installation.

For multiplexing, this charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (A) Types of Rates and Charges (Cont'd)
 - (3) Nonrecurring Charges (Cont'd)
 - (a) Switched Access Installation and Ordering Charges
 - (2) Switched Access Ordering Charge

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

The Switched Access Ordering Charge also applies to requests to activate additional trunks or to increase BHMC on existing Switched Transport Facilities and, changes in the type of Feature Group or Direct-Trunked Transport, for any modifications or changes to existing services that are not considered an administrative change as described in 4.5.2(A)(3)(b).

4. SWITCHED ACCESS (Cont'd)

- 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (A) Types of Rates and Charges (Cont'd)
 - (3) Nonrecurring Charges (Cont'd)
 - (a) Switched Access Installation and Ordering Charges (Cont'd)
 - (3) Administrative changes will be made without charge to the customer. Administrative changes are as follows:
 - Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Switched Access service.
 - Change of customer or customer's end user premise 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 number),
 - Change in customer circuit identification,
 - Change of billing account number,
 - Change of customer testline number,
 - Change of customer or customer's end user contact name or telephone number, and
 - Change of agency authorization.

(b) Design Change Charge (USOC - H28)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Entrance Facilities as described in 4.2.3(B). Design changes do not include a change of Switched Access Entrance Facilities or facility type, IC CDL, end user premises, end office switch, or Feature Group type or Basic Serving arrangement. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(B) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation and Ordering charges associated with the change requested.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(B) Installation Charge for FGA or BSA Optional Call Blocking Arrangements (USOC - CAH)

This charge applies per FGA or BSA line equipped with either of the optional call blocking arrangements in Section 4.2.5(D) and (E); InterLATA Call Denial on Line or Hunt Group or Call Denial on Line or Hunt Group outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges.

(C) (Reserved for Future Use)

(D) 0+900 Service

A nonrecurring charge is applicable to the unblocking of 0+900 dialing capability in an end office in addition to the rates and charges applicable to Switched Access service outlined in other sections of this tariff. Switched Access ordering charges as specified in Section 3 of this tariff also apply. The 0+900 service option is not offered without 1+900 access capability.

Switched Access minutes of use apply to 0+900 usage.

(E) Change of Switched Access Type

Changes from one type of Switched Access to another will be treated as a discontinuance of one type of FSA and start of another. The Switched Access Installation and Order Charge will apply, with the following exceptions:

- (1) When a customer upgrades a FGA, FGB, or FGC to a FGD at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply.
- (2) When a customer upgrades a BSA-A, BSA-B, or BSA-C to a BSA-D at the same first point of switching, the charge will not apply. If however, a BSE(s) are added to the service at the time the conversion takes place, the Subsequent Ordering Charge - Switched Access for these additions will apply.
- (3) When a customer orders the conversion of FGA to BSA-A, FGB to BSA-B, FGC to BSA-C, or the conversion of FGD to BSA-D at the same first point of switching and without the addition of BSEs not comparable to any optional arrangements already included with the feature group to be converted, the Initial Ordering Charge - Switched Access will not apply for a period of 180 days from the effective date of this tariff.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (E) Change of Switched Access Type (Cont'd)
 - (4) Where a customer has Feature Group B (FGB) and Feature Group D (FGD) at a Telephone Company access tandem, the following application of charges will apply for end office conversions:
 - a) Where FGB service exists at an end office the customer may retain the FGB service or upgrade the FGB service to FGD service in conjunction with equal access conversion. When the customer requests no physical changes or trunking additions/deletions to the existing facilities, the ordering charge will not apply to retain the existing service or upgrade.
 - b) Where FGB and/or FGD service exists at a Telephone Company access tandem but does not exist at an end office and the customer now wants to add FGB and/or FGD to the end office, the ordering charge will not apply to add the service.
 - c) Where FGB and/or FGD service exists at a Telephone Company access tandem and FGB also exists at the end office and the customer wants to retain the FGB service but add FGD service with equal access conversion, the ordering charge will not apply to add the FGD service when the customer requests no physical changes, additions, or deletions to the customer's existing facilities.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (E) Change of Switched Access Type (Cont'd)
 - (5) Where a customer has BSA-B and BSA-D at a Telephone Company access tandem, the following application of charges will apply for end office conversions:
 - a) Where BSA-B service exists at an end office the customer may retain the BSA-B service or upgrade the BSA-B service to BSA-D service in conjunction with equal access conversion. When the customer requests no physical changes or trunking additions/deletions to the existing facilities, the ordering charge will not apply to retain the existing service or upgrade.
 - b) Where BSA-B and/or BSA-D service exists at a Telephone Company access tandem but does not exist at an end office and the customer now wants to add BSA-B and/or BSA-D to the end office, the ordering charge will not apply to add the service when the customer requests no physical changes, additions, or deletions to the customer's existing facilities.
 - c) Where BSA-B and/or BSA-D service exists at a Telephone Company access tandem and BSA-B also exists at the end office and the customer wants to retain the BSA-B service but add BSA-D service with equal access conversion, the ordering charge will not apply to add the BSA-D service when the customer requests no physical changes, additions, or deletions to the customer's existing facilities.

(F) Moves

A move involves a change in the physical location of the point of termination of Switched Access. The charge for the move depends on whether the move is within the same CDL or to a different CDL.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(F) Moves (Cont'd)

(1) Same CDL

When the move is to a new point within the same CDL, the Switched Access Ordering in 4.6.1(B) will apply. There will be no change in the minimum period requirements.

(2) A Different CDL

When the move is to a different CDL it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering Charges, as specified in 4.6.1 will apply to the Switched Access, installed at the CDL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Switched Access.

(G) Signaling System 7 (SS7) Out of Band Signaling

- (1) Switched access ordering charges will not apply to ASRs received prior to December 1, 1992, for service rearrangements to establish 800 SAC Access trunk groups or to establish combined 800 and Long Distance Message Telecommunications Service (LDMTS) trunk groups, both equipped with SS7 Out of Band Signaling, from the access tandem to the CDL. The requested in-service date for the trunk rearrangements shall be no later than January 15, 1993.
- (2) Switched Access Ordering Charges will apply for a change in FGD switched access and 800 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).
- (3) Switched access ordering charges will not apply if Calling Party Number (CPN)
 Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) Parameter
 are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction
 with FGD. The Switched Access Ordering Charge will apply if these optional features
 are ordered subsequent to the provision of SS7 Out of Band Signaling.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(H) 800/877/888 Data Base Query Service Query usage charges for 800/877/888 Data Base Query Service shown in 4.6.7 apply as follows:

- (1) A Basic 800/877/888 Data Base Query charge will apply for each basic 800/877/888 call query received at the Telephone Company's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.
- (2) A Premium 800/877/888 Data Base Query charge will apply for each premium 800/877/888 call query received at the Telephone Company's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.
- (I) Network Blocking Charge for Tandem Switched FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, and SAC Access Service

The customer will be notified by the Telephone Company to increase its capacity when excessive trunk group blocking occurs on groups carrying FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service traffic and the measured access minutes for the Daily Busiest Hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on Daily Busiest Hour measurements for four contiguous weeks using the five highest traffic days of the week, excluding national holidays. The Telephone Company will not bill the customer a Network Blocking Charge if an ASR for additional capacity is received by the Telephone Company within 15 days of the notification. If an ASR is not received within 15 days of notification the rate in 4.6.1(D), will apply when (1) the Daily Busiest Hour average blocking for the four contiguous weeks exceeds the threshold level and (2) the average originating or two-way usage measured for these same hours exceeds the Switched Access capacity purchased.

Blocking Thresholds

<u>1%</u>	<u>1/2%</u>
.070	.045
.050	.035
.040	.025
.030	.020
	.070 .050 .040

The one percent blocking threshold is for FGB, FGC, BSA-B, BSA-C and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD and BSA-D transmission paths carrying traffic direct between a CDL and an end office. The one-half percent blocking threshold is for FGD and BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(J) <u>Determination of Intrastate Charges for Mixed Interstate and Intrastate Switched Access</u>

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes as in 4.3.2 and 4.3.3. The portion of a Switched Access Service to be charged as intrastate is determined in the following manner:

For usage rated elements, multiply the percent intrastate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

For monthly and nonrecurring rate elements, multiply the percent intrastate use times the quantity of each chargeable element times the stated tariff rate per element.

(K) Local Dial-It Services

Customer will be billed charges for terminating Switched Access calls to certain community information services, for which rates are applicable under the Telephone Company Network Exchange Tariff (e.g., 976 Dial-It Network Services).

(L) <u>Directory Assistance</u>

Terminating Switched Access calls dialed to Directory Assistance will be rated under the applicable rates for the Switched Access in 4.6. In addition, the charge per call to Directory Assistance in the Telephone Company Network Exchange Tariff may also apply.

(M) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) provides the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to customer with the Initial Address Message (IAM). CIP will be populated by a 4-digit CIC at the rates shown in 4.6.9. The monthly recurring rate is applicable per trunk. The nonrecurring charge is applicable per CIC, per trunk group. The nonrecurring charge has two rate levels. There is a nonrecurring charge applicable to trunk groups direct to the access tandem and a nonrecurring charge applicable to trunk groups direct to an end office.

4. SWITCHED ACCESS (Cont'd)

- 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) Description and Application of Rates
 - (1) (Reserved for Future Use)
 - (2) Switched Transport

Beginning December 30, 1993, the Telephone Company will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Telephone Company access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at a Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits.

For the period beginning on December 30, 1993 through February 28, 1994, the Telephone Company will bill Local Transport charges applicable to host/remote configurations and Direct-Trunked Transport ordered to an access tandem in the following manner:

Where switched access traffic originates and/or terminates from/to a remote end office using Tandem-Switched Transport facilities, airline mileage will be measured between the customer's serving wire center and the remote end office for purposes of applying Tandem-Switched Transport - Facility charges. This rating is in lieu of the application specified in this section.

Where a customer orders Direct-Trunked Transport from a serving wire center directly to a Telephone Company access tandem, Tandem-Switched Transport charges will apply from the serving wire center to the end office(s) where the customer's switched access traffic originates and/or terminates. This rating is in lieu of the application specified in this section.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) Description and Application of Rates (Cont'd)
 - (2) Switched Transport (Cont'd)

Switched Transport is determined as follows:

(a) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group or Basic Serving Arrangement type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

Where Tandem-Switched Transport is ordered between a serving wire center and end offices subtending an access tandem, mileage will be measured from the serving wire center that normally serves the CDL to the end office or WSO (for WATS and WATS-type).

Where Direct-Trunked Transport is ordered between a serving wire center and an access tandem, and Tandem-Switched Transport is ordered to subtending end offices, mileage will be measured from the access tandem to the end office or WSO (for WATS and WATS-type).*

For either of the above Tandem-Switched Transport configurations, when the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

Switched Transport rates apply to the switched access minutes of use that originate/terminate at a MTSO directly connected to a Telephone Company access tandem or end office. Where the connection is made directly to an end office, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the end office and the serving wire center of the customer. Where the connection is made directly to an access tandem, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the access tandem and the serving wire center of the customer. For access tandem connections, Tandem-Switched Transport Facility mileage, if applicable, will be measured from the access tandem to the customer's serving wire center. The Tandem Switching charge shall apply to all minutes of use where the MTSO connection is made directly to an access tandem.

Where Tandem-Switched Transport - Facility is provided by more than one telephone company, the mileage for each will be determined as in 2.7.

The Tandem-Switched Transport - Facility rate will not apply if the CDL serving wire center and the end office are co-located (where V/H - V/H = 0).

^{*} Due to billing constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until September 1, 1999.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) <u>Description and Application of Rates</u> (Cont'd)
 - (2) Switched Transport (Cont'd)
 - (b) The Tandem-Switched Transport Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group types or Basic Serving Arrangement. When both terminations are provided by the Telephone Company, the Tandem-Switched Transport Termination rate applies twice, including those situations when the terminations are co-located.

The Tandem-Switched Transport - Termination rate applies to switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company access tandem or end office.

Where the Tandem-Switched Transport - Facility is provided by more than one telephone company, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Telephone Company end of the Switched Transport as in 2.7. The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Tandem-Switched Transport - Facility.

(c) For FGA or BSA-A, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched Transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA or BSA-A traffic that originates and/or terminates within the FGA or BSA-A Access Area. For FGA or BSA-A traffic that terminates beyond the FGA or BSA-A Access Area, Switched Transport rates apply as described in 4.5.2(N)(3).

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) Description and Application of Rates (Cont'd)
 - (2) <u>Description and Application of Rates</u> (Cont'd)
 - (d) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATS-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office.

When Telephone Company Hubs are involved, mileage is computed and rates applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) Description and Application of Rates (Cont'd)
 - (2) Switched Transport (Cont'd)
 - (e) The Entrance Facility rate is flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL. This charge will apply even if the CDL and the serving wire center are co-located in a Telephone Company building.
 - For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.
 - (f) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for Extended FGA Terminating Traffic described in 4.5.2(N)(3)(a).
 - (g) The Interconnection rate is usage-sensitive and is applied per access minute to all feature groups that utilize the Telephone Company's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.

- SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) <u>Description and Application of Rates</u> (Cont'd)
 - (2) Switched Transport (Cont'd)
 - (h) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customer on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate routed traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

When Feature Group B or D or BSA-B or BSA-D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Telephone Company may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone, is willing to pay the expense.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) <u>Description and Application of Rates</u> (Cont'd)
 - (3) Extended FGA and BSA Terminating Traffic
 - (a) For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA or BSA Access Area, however inside the LATA, in conjunction with terminating FGA or BSA traffic the following rates apply:

for each access minute, the rate per minute for End Office Switching, in 4.6.3, the information Surcharge in 4.6.4., and the Interconnection Charge in 4.6.2.

for each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile in 4.6.2 and the Tandem-Switched Transport - Termination in 4.6.2.

When the serving wire center of the CDL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CDL to the end office.

When the serving wire center of the CDL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CDL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office.

The Tandem Switching rate is not applicable for Extended FGA or BSA-A terminating traffic.

- (b) (Reserved for Future Use)
- (c) When FGA or BSA-A terminating traffic is extended outside the LATA, as in 4.2.4(B)(6) Switched Access rate elements, in 4.6.3 and 4.6.4, will be billed to the FGA or BSA-A customer for the terminating interLATA access function provided via the FGA or BSA-A connection, and Switched Access rate elements, in 4.6.2(A) and(B), 4.6.3 and 4.6.4, will be billed to the IC providing the interLATA service to the FGA or BSA-A customer for the originating interLATA access function.
- (4) (Reserved for Future Use)

4. SWITCHED ACCESS (Cont'd)

- 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (N) <u>Description and Application of Rates</u> (Cont'd)
 - (5) End Office Switching

End Office Switching is available on a bundled or unbundled basis. End Office Switching - Bundles (EOSB) rates apply to Switched Access services provided as Feature Groups. End Office Switching - Unbundled (EOSU) rates apply to Switched Access services provided as Basic Serving Arrangements.

- (a) FGA and BSA customers will pay the EOS1 rate for all FGA or BSA access minutes originating from or terminating at that end office except as in (f).
- (b) FGB and BSA-B customers with no FGD or BSA-D service provided at the same end office will pay the EOS1 rate for all FGB or BSA-B access minutes originating from or terminating at that end office except as in (f).
- (c) FGB and BSA-B customers with FGD or BSA-D service provided at the same end office will pay the EOS1 rate for FGB or BSA-B access minutes originating from that end office and the EOS2 rate for FGB or BSA-B access minutes terminating at that end office.
- (d) FGD and BSA-D customers will pay the EOS2 rate for all FGD or BSA-D access minutes originating from or terminating at that end office.
- (e) SAC Access Service customers will pay the EOS2 rate for all SAC Access minutes originating from that end office.
- (f) When FGA or BSA-A or FGB and BSA-B is used for terminating WATS or WATStype services, the customer will pay the EOS2 rate for all terminating access minutes.
- (g) End Office Switching rates do not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem office.
- (6) (Reserved for Future Use)
- (7) (Reserved for Future Use)
- (8) NXX Translation Nonrecurring Charge

The NXX Translation Nonrecurring Charge, as set forth in 4.6.1(F), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Telephone Company must activate or deactivate the NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation or deactivation of the first NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, the Switched Access Ordering Charge, as set forth in 4.6.1.(B) will apply per ASR submitted for the activation or deactivation of NXX codes.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(O) Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC, BSA-A, BSA-B, BSA-C (to SAC Access and Directory Assistance Services) and FGD and BSA-D, the measured access minutes are the chargeable access minutes. For originating calls over FGA, FGB, BSA-A and BSA-B, the measured access minutes are the chargeable access minutes.

For originating calls over FGC or BSA-C, chargeable access minutes are derived from measured access minutes through the use of a Telephone Company factor. A description of the factor is in (4).

FGA or BSA-A access minutes, or fractions thereof, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. FGB, FGC, FGD, BSA-B, BSA-C and BSA-D access minutes or fractions thereof, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office. The exact value of the fraction is a function of the switch technology where the measurement is made.

When measurement capability for FGA, FGB, BSA-A, and BSA-B is not available, access minutes shall be assumed as described in (3).

When usage data is required for a specific end office in an Access Area with multiple end offices, and usage to that office cannot be measured, a portion of total usage will be allocated to the specific end office based upon the portion of subscriber lines served by that end office. When the Telephone Company is the SEC and when specific usage is not available from the PEC, the total usage measured or assumed at the FPOS will be apportioned to the SEC based upon the ratio of the total subscriber lines in each SEC exchange to the total number of subscriber lines in the PEC's EAS area served by the dial tone office for FGA or for BSA-A.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(O) Measuring Access Minutes (Cont'd)

(1) FGA and BSA-A Usage Measurement

For originating calls over FGA or BSA-A, usage measurement begins when the FGA or BSA-A first point of switching receives an off-hook supervisory signal forwarded from the CDL. Where FGA or BSA-A is used for MTS/WATS-type service, this off-hook signal is generally provided by the customer's equipment. Where FGA or BSA-A is used for FCO/ONAL-type services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over FGA ends when the FGA or BSA-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

For terminating calls over FGA or BSA-A, usage measurement begins when the FGA first point of switching receives an off-hook supervisory signal from the end office switch, indicating the terminating end user has answered. The measurement of terminating call usage over FGA or BSA-A ends when the terminating FGA or BSA-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

(2) Feature Group B and BSA-B Usage Measurement

For originating calls over FGB or BSA-B, usage measurement begins when the FGB or BSA-B first point of switching receives the first acknowledgement from the CDL, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

For terminating calls over FGB or BSA-B, usage measurement begins when the FGB or BSA-B first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

(3) Usage Measurement Not Available for FGA, FGB, BSA-A and BSA-B

When originating and/or terminating measurement capability does not exist, the number of access minutes per FGA or BSA-A line or FGB or BSA-B trunk, per month, will be assumed based on the following:

A single monthly surrogate of assumed minutes per two-way line/trunk per month shall apply as in 4.6.7*. For FGA or BSA-A lines, the terminating assumed usage will be 47% of the two-way surrogate and the originating assumed usage will be 53% of the two-way surrogate. For FGB or BSA-B trunks, the terminating assumed usage will be one half of the two-way surrogate and the originating will be one half of the two-way surrogate.

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.2 Rate Regulations (Cont'd)
 - (O) Measuring Access Minutes (Cont'd)
 - (3) <u>Usage Measurement Not Available for FGA, FGB, BSA-A and BSA-B</u> (Cont'd)
 - When measurement capabilities do not exist for a one way FGA or BSA-A line or FGB or BSA-B trunk, a single monthly surrogate of assumed minutes per one way line/trunk per month shall apply as in 4.6.7.
 - When measurement capabilities do not exist in one direction for a two-way line (e.g., recording for terminating only) the number of access minutes per line, per month will be the assumed surrogate for a two-way line or the recorded usage for the single direction, whichever is greater.
 - In the event of measurement equipment failure, minutes of use will be determined as follows:

For the initial month of service, FGA, FGB, BSA-A, or BSA-B minutes will be assumed as indicated above unless actual usage recorded prior the failure is greater than the assumed usage.

For subsequent months, the greater of 1) actual usage recorded prior to the failure, or 2) the average of the three month current months' usage (or less if three months are not available) will be used.

(4) Feature Group C and BSA-C Usage Measurement

For originating calls over FGC or BSA-C, usage measurement begins when the originating FGC or BSA-C first point of switching receives answer supervision from the CDL, indicating the called party has answered. However, for billing purposes usage begins at the time that the originating end user's call is delivered by the Telephone Company, and acknowledged as received by the customer's facilities connected with the originating central office.

SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(O) Measuring Access Minutes (Cont'd)

(4) FGC and BSA-C Usage Measurement (Cont'd)

For originating calls over FGC or BSA-C, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Originating Minutes = Conversation minutes + (factor x quantity of completed calls).

Factor = non-conversation minutes per completed call + [(non-conversation minutes per incompleted call) x (1 - completion ratio) divided by completion ratio].

The measurement of originating call usage over FGC or BSA-C ends when the FGC or BSA-C first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

For terminating calls over FGC or BSA-C to services other than SAC Access or Directory Assistance, terminating FGC usage is not directly measured at the first point of switching, but is derived from originating usage, excluding usage from calls to SAC Access or Directory Assistance Services.

Terminating call usage over FGC or BSA-C, other than SAC Access and Directory Assistance, is derived from originating usage as follows:

Terminating Minutes = Originating conversation minutes x In/Out ratio.

In/Out Ratio = Relationship between originating (i.e. Out) and terminating (i.e. In) conversation minutes.

For terminating calls over FGC or BSA-C to SAC Access, usage measurement begins when the FGC first point of switching receives answer supervision from the end office switch, indicating the terminating SAC Access Service end user has answered.

The measurement of terminating call usage over FGC or BSA-C SAC Access Services ends when the FGC or BSA-C first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating SAC Access Service end user has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the CDL, whichever occurs first.

(5) FGD and BSA-D Usage Measurement

For originating calls over FGD or BSA-D with multifrequency (MF) signaling, usage measurement begins when the FGD or BSA-D first point of switching receives the first wink supervisory signal forwarded from the CDL.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(O) Measuring Access Minutes (Cont'd)

(5) FGD and BSA-D Usage Measurement (Cont'd)

For originating calls over FGD or BSA-D with SS7 Out of Band Signaling, usage measurement for direct trunks begins when the FGD or BSA-D first point of switching sends an Initial Address Message. Usage measurement for tandem trunks begins when the FGD or BSA-D first point of switching receives an Exit Message.

The measurement of originating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when a Release Message is sent or received by the originating end user's end office, whichever occurs first.

For terminating calls over FGD or BSA-D with MF signaling, or FGD or BSA-D with SS7 Out of Band Signaling, usage measurement begins when the FGD or BSA-D first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

The measurement of terminating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when the FGD first point of switching receives or sends a Release Message, whichever occurs first.

(6) SAC Access Service Usage Measurement

SAC Access Service usage measurement shall be in accordance with the regulations set forth for FGC, FGD, BSA-C and BSA-D. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGC or BSA-C access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGD or BSA-D access minutes are measured.

(P) FGD and BSA-D Switched Access Service With 950-XXXX

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access, as described in 4.2.5(T), to be included with the installation of new FGD or BSA-D switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD or BSA-D switched access facilities.

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access to be added to an existing FGD or BSA-D switched access service, only the Switched Access Ordering Charge and the Design Charge Charge will apply for the addition of this optional end office service arrangement.

- 4. SWITCHED ACCESS (Except as listed below, see GTOC Tariff FCC No. 1 (Cont'd)
 - 4.5.3 Switched Access for Resale of MTS/WATS and MTS/WATS-type Services (Cont'd)
 - (B) Customers using Switched Access in conjunction with resale of MTS/WATS and MTS/WATStype services may be eligible for rate adjustments as follows:
 - (1) Resold WATS/WATS-type lines in service as of March 13, 1986 will receive credit as set forth in (F) following for Carrier Common Line Charges associated with the Switched Access and will be exempted from the Special Access Surcharge as set forth in 5.6.1 (D) following.
 - (2) Resellers of MTS/MTS-type services will receive credit for Carrier Common Line charges as set forth in (G) following.

Credits for resold usage shall not exceed the total Carrier Common Line charges rendered in a given billing period.

Once the Carrier Common Line minutes have been adjusted as set forth in (F) and (G) following, the remaining usage will be billed at the applicable rates as set forth in Sections 4 and 12.

- 4. SWITCHED ACCESS (Except as listed below, see GTOC Tariff FCC No. 1 (Cont'd)
 - 4.5.3 <u>Switched Access for Resale of MTS/WATS and MTS/WATS-type Services</u> (Cont'd)
 - (C) For the initial month, the data that the customer reports, as set forth in (A) preceding, will be used by the Telephone Company to determine the rates and charges as set forth in 4.5.3 (F) and 4.5.3 (G) following. For each subsequent month, the customer must update the report for the preceding monthly period unless the Telephone Company notifies the customer that it has sufficient information to substantiate the rate treatment. The monthly period used to determine the MYS/WATS and MTS/WATS-type service usage shall be the most recent monthly period for which the customer has received a bill for those services. Where the customer fails to deliver the required documentation within 30 days of the date of the Carrier Common Line billing, no credits will apply.
 - (D) (Reserved for Future Use)
 - (E) (Reserved for Future Use)
 - (F) When the customer reports the resale of WATS/WATS-type service in conjunction with Switched Access service as set forth in (B) (2) preceding, and the Telephone Company verifies that the reports are accurate, Carrier Common Line charges will be rated as follows:
 - (1) For WATS/WATS-type service lines with outward or inward usage associated with FGA, FGB or FGD access service, a credit will be given on a minute for minute basis toward the originating or terminating Carrier Common Line charge for the associated access service.
 - (2) If the resold inward or outward WATS/WATS-type service lines are associated with a mixture of Switched Access services, i.e., FGA, FGB and/or FGD, the Carrier Common Line usage credit will be apportioned between the types of Switched Access services based upon the relationship of the originating or terminating usage carried by each Switched Access service type to the total

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- 4. SWITCHED ACCESS (Except as listed below, see GTOC Tariff FCC No. 1 (Cont'd)
 - 4.5.3 <u>Switched Access for Resale of MTS/WATS and MTS/WATS-type Services</u> (Cont'd)

originating or terminating usage carried by all Switched Access service types. Should the Switched Access service types be connected to a mixture of equal and non-equal access offices, the originating and terminating usage to be credited will be further apportioned within each service type based upon the proportion of the originating or terminating usage for that service type associated with the equal access office(s) vs. the originating or terminating usage associated with the non-equal access office(s) as set forth in 4.5.2 (N) preceding.

- 4. SWITCHED ACCESS (Except as listed below, see GTOC Tariff FCC No. 1 (Cont'd)
 - 4.5.3 <u>Switched Access for Resale of MTS/WATS and MTS/WATS-type Services</u> (Cont'd)
 - (G) When the customer reports the resale of MTS/MTS-type service in conjunction with Switched Access as set forth in (B) (2) preceding, and the Telephone Company verifies that the reports are accurate, Carrier Common Line charges will be rated as follows:
 - (1) For outward MTS/MTS-type service and for inward message-type service, i.e., collect, third-party and credit card calls, resold in conjunction with Switched Access service, a credit will be given on a minute for minute basis toward the originating or terminating Carrier Common Line charge for the associated Switched Access service.
 - (2) If the resold inward or outward MTS/MTS-type usage is associated with a mixture of Switched Access services, i.e., FGA, FGB and/or FGD, the Carrier Common Line usage credit will be apportioned between the types of Switched Access services based upon the relationship of the originating or terminating usage carried by each Switched Access service type to the total originating or terminating usage carried by all Switched Access service types. Should the Switched Access services types be connected to a mixture of equal and non-equal access offices, the originating or terminating usage to be credited will be further apportioned within each service type based upon the proportion of the originating or terminating usage for that service type associated with the equal access office(s) vs. the originating or terminating usage associated with the non-equal access office(s) as set forth in 4.5.2 (N) preceding.

- SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and charge Regulations (Cont'd)
 - 4.5.4 Switched Access Zone Density Rate Plan
 - (A) Description of the Plan
 - (1) The Zone Density Rate Plan is a methodology used for rating Switched Access Transport services. The Zone Density Plan assigns each Telephone Company wire center or Telephone Company access tandem into rate zones. Rate zone assignments are established based upon the traffic density of each wire center and are divided into three categories. Rate Zone 1 wire centers have the highest density of services; Rate Zone 2 wire centers have a medium density of services; and Rate Zone 3 wire centers have the lowest density of services.

The Zone Density Rate Plan applies to the following Switched Access Services:

- Entrance Facility
- Direct-Trunked Transport Facility
- Direct-Trunked Transport Termination
- Tandem-Switched Transport Facility
- Tandem-Switched Transport Termination
- Tandem Switching
- DS1 to Voice Multiplexing Arrangement
- DS3 to DS1 Multiplexing Arrangement
 - (a) The Entrance Facility is rated according to the zone of the serving wire center of the CDL.
 - (b) Distance Sensitive Transport charges:
 - When the distance is measured between wire centers within the same rate zone, the distance sensitive transport will be rated according to the zone of the serving wire center of the CDL and the end office.
 - When the distance is measured between wire centers in two different zones, the distance sensitive transport will be rated at the higher zone rate.

- 4. SWITCHED ACCESS (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.4 <u>Switched Access Zone Density Rate Plan</u> (Cont'd)
 - (A) Description of the Plan (Cont'd)
 - (1) (Cont'd)
 - (c) Transport Terminations will be rated according to the zone of the end office and the zone of the SWC of the CDL (or other rating point). Each termination is separately rated based on the zone of the terminating location.
 - (d) (Reserved for Future Use)
 - (e) Multiplexing arrangements will be rated according to the zone of the Hub wire center.
 - (2) When the Switched Transport facility (Direct-Trunked or Tandem-Switched Transport) is provided by more than one telephone company the following regulations apply:
 - (a) End Office or Access Tandem is in the Telephone Company Territory:
 - (1) Distance sensitive transport will be rated according to the zone of the Telephone Company's end office or Telephone Company's Access tandem.
 - (2) The transport termination will be rated according to the zone assigned to the Telephone Company's end office or Telephone Company's Access tandem.
 - (3) Tandem Switching will be rated according to the zone of the Telephone Company's access tandem.
 - (b) The Telephone Company is intermediate provider of the transport:
 - (1) Distance sensitive transport will be rated at zone 1 rates.
 - (2) The transport termination rate does not apply if the Telephone Company is the intermediate provider of the transport facility.
 - (3) The Zone Density Rate Plan is not applicable to End Office Switching, Interconnection, Carrier Common Line, Information Surcharge, and nonrecurring charges.

- 4. <u>SWITCHED ACCESS</u> (Cont'd)
 - 4.5 Rate and Charge Regulations (Cont'd)
 - 4.5.5 Application of Rates for FGA or BSA-A Extension Service

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different buildings in the same LATA). FGA or BSA-A extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are in 5.7.

- 4.5.6 (Reserved for Future Use)
- 4.5.7 (Reserved for Future Use)
- 4.5.8 (Reserved for Future Use)
- 4.5.9 (Reserved for Future Use)

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.10 Basic Service Elements (BSEs)

Recurring rates and charges for Basic Service Elements (BSEs) in 4.2.22 are applied on a premium or nonpremium basis as discussed in 4.5.2(H)(1). The Switched Access Ordering Charge will not apply when a customer orders BSEs in conjunction with the establishment of a Basic Serving Arrangement (BSA) or the conversion of a feature group to a BSA. The Switched Access Ordering Charge will apply to changes to or additions of BSEs associated with an established BSA. The application of monthly recurring charges or usage rates to BSEs are as follows.

(A) Alternate Traffic Routing - BSE

Premium and nonpremium nonrecurring charges in 4.6.3 apply per trunk group equipped.

(B) Automatic Number Identification (ANI) - (BSE)

Usage rates in 4.6.3 apply per ANI attempt.

(C) User Transfer

Monthly recurring charges in 4.6.3 apply per line or trunk arranged.

(D) Hunt Group Arrangement - BSE

Premium and nonpremium monthly recurring charges in 4.6.3 apply per line equipped.

(E) Queuing - BSE

Premium and nonpremium monthly recurring charges in 4.6.3 apply per group equipped.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.10 Basic Service Elements (BSEs) (Cont'd)

(F) <u>Uniform Call Distribution - BSE</u>

Premium and nonpremium monthly recurring charges in 4.6.3 apply per line equipped.

(G) Simplified Message Desk Interface (SMDI) - BSE

Premium and nonpremium monthly recurring charges in 4.6.3 apply per DNAL.

(H) Remote Call Forwarding - BSE

Premium and nonpremium monthly recurring charges in 4.6.3 apply per line.

(I) Direct Inward Dialing (DID) - BSE

Monthly recurring charges in 4.6.3 apply.

(J) Billed Number Screening (BNS) - BSE

Premium and nonpremium monthly recurring charges in 4.6.3 apply per line screened.

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.6 Rate and Charges

4.6.1.

and One	<u>argoo</u>				
<u>Nor</u>	nrecurring Charges	<u>USOC</u>	Nonrecurring <u>Charge</u>	<u>USOC</u>	Rate Per <u>Month</u>
(A)	(Reserved for Future Use)				
(B)	Switched Access Service Ordering Charge Per ASR	SESCL	\$305.16		
	Design Change Charge		93.81		
(C)	(Reserved for Future Use)				
(D)	Network Blocking Charge Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, and SAC Access Service.				
	Per call	ANBC			.018
(E)	FGA or BSA-A Optional Toll Blocking				
	Per FGA Line	CAH	10.72		
(F)	0+900 Service Per End Office	N98BX	300.00		
	500 NXX Translation Charge First NXX, Per ASR/ Per End Office	NW51X	22.00		
	Each Additional NXX,				

NW5AX

11.00

ISSUED: August 23, 2006 EFFECTIVE: August 23, 2006

Per ARS/Per End Office

Cause No.: 202100123 Order No.: 720032 OKLAHOMA FSA SECTION 4 Fifth Revised Sheet No. 132 Cancels Fourth Revised Sheet No. 132

(CR)

FACILITIES FOR STATE ACCESS

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.6 Rate and Charges (Cont'd)

4.6.2. Switched Transport

(A)	Tandem Switched Transport - Facility			
	Р	er Originating Access Per Terminating Access		
		Minutes of Non-8YY	<u>Use</u> 8YY	Minutes of Use
	Per Access Minute/Mile	11011-011	<u> </u>	
	Valor Telecommunications – All Zone	.0000254	** (CR)	**
	Windstream Oklahoma, LLC	.0005360	** (CR)	**
	Oklahoma Windstream, LLC	.0005360	** (CR)	**
(B)	Tandem Switched Transport - Termination			
	Per Access Minute			
	Per Termination			
	Valor Telecommunications – All Zones	.0001799	** (CR)	**
	Windstream Oklahoma, LLCOklahoma Windstream, LLC		** (CR) ** (CR)	**
	Oklahoma Windstream, LEO	.0120240	(OIL)	
(C)	Tandem Switching			
	Per Access Minute			
	Valor Telecommunications – All Zones	.0016778	** (CR)	**
	Windstream Oklahoma, LLCOklahoma Windstream, LLC		** (CR)	**
	Oklanoma Windstream, LLC	.0009400	** (CR)	
(D)	Interconnection			
	Per Access Minute			
	Valor Telecommunications – All Zones			.000000
	Windstream Oklahoma, LLC			.000000
	Oklahoma Windstream, LLC	.0000000		.000000
(E)	Tandem Switched Multiplexing			
	Per Access Minute			
	Valor Telecommunications – All Zones			**
	Windstream Oklahoma, LLC			**
	Oklahoma Windstream, LLC			**
(F)	Tandem Direct Trunk Port			
	Per Trunk Port	Voice Gra	ade	DS1
	Valor Telecommunications	16.15		3.71
	Windstream Oklahoma, LLC	14.62		5.12
	Oklahoma Windstream, LLC	14.62		5.12

^{*} Originating rate effective July 3, 2012.

ISSUED: July 06, 2021 EFFECTIVE: August 05, 2021

^{**} Rates are billed as set forth in the Windstream Telephone System's FCC Tariff No. 6 found at: https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154

OKLAHOMA FSA SECTION 4 Second Revised Sheet No. 133 Cancels First Revised Sheet No. 133

FACILITIES FOR STATE ACCESS

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.6 Rate and Charges (Cont'd)

4.6.2. Switched Transport (Cont'd)

<u>Swit</u>	<u>ched Transport</u> (Cont'd)					
(G)	Direct-Trunked Transport Facility -	<u>USOC</u>	Installation <u>Charge</u>	<u>USOC</u>	Monthly <u>Rate</u>	(CT)
	<u>Voiceband</u> *					
	Per Airline Mile			1YTXS S	5.29 0.59 0.59	(CR)
	Termination, per month			\$	5.00 7.79 7.79	(NR)
(H)	<u>Direct-Trunked Transport Facility - DS1</u> *.					(CT)
	Per Airline Mile Valor Telecommunications – All Zones. Windstream Oklahoma, LLC Oklahoma Windstream, LLC			1YTXS	15.00 9.11 9.11	
	Termination, per month			TRL	43.00 7.66 7.66	(CR)
(I)	<u>Direct-Trunked Transport - Facility - DS3</u> *					(CT)
	Per Airline Mile			1YTXS	23.84 27.34 27.34	(CR)
	Valor Telecommunications – All Zones. Windstream Oklahoma, LLC Oklahoma Windstream, LLC		-	TRL	239.00 431.69 431.69	(CR)
(J)	Entrance Facility-Voiceband					(CT)
	Per Entrance Facility2-Wire Voiceband	EFG2X	\$200.00 			
	Valor Telecommunications – All Zones Windstream Oklahoma, LLC Oklahoma Windstream, LLC 4-Wire Voiceband			EFG2X	32.00 13.12 13.12	(CR)
	Valor Telecommunications – All Zones Windstream Oklahoma, LLC Oklahoma Windstream, LLC			EFGHX	56.00 21.00 21.00	(CR)

^{*} Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is prohibited until the billing system can accommodate this service

ISSUED: May 28, 2013 EFFECTIVE: July 2, 2013

Cause No. 202100123 Order No. 720032 OKLAHOMA FSA SECTION 4 Third Revised Sheet No. 134 Cancels Second Revised Sheet No. 134

FACILITIES FOR STATE ACCESS

4. <u>SWITCHED ACCESS</u> (Cont'd)

4.6 Rate and Charges (Cont'd)

4.6.2 <u>Switched Transport</u> (Cont'd)

(K)	Entrance Facility – DSI	<u>USOC</u>	Installation Charge	USOC	Monthly <u>Rate</u>
()	First System Valor Telecommunications – All Zones Windstream Oklahoma, LLC Oklahoma Windstream, LLC	EFGDX	\$303.00	EFGDX	\$275.00 79.17 79.17
	Each Additional System	EFGLX	303.00	EFGLX	275.00 79.17 79.17
(L)	Entrance Facility - DS3 - Protected Electrical				
	Per DS3 Valor Telecommunications – All Zones Windstream Oklahoma, LLC Oklahoma Windstream, LLC	EFGPF	333.00	EFGPF S	\$1,500.00 1,394.70 1,394.70
(M)	Multiplexing				
	DS1 to VoiceValor Telecommunications – All Zones Windstream Oklahoma, LLCOklahoma Windstream, LLC	M6W1>	0.00	M6W1X	275.00 149.70 149.70
	DS3 to DS1	MKW3	X 0.00	MKW3X	315.00 302.10 302.10

4.6.3. End Office Services

(A) 800/877/888 Data Base Query Service

Basic and Premium, Per Query		(CR)
Valor Telecommunications, Windstream Oklahom	a and Oklahoma Windstream	(CT)
July 1, 2021 – June 30, 2022*	\$0.004248 (CR)	
July 1, 2022 – June 30, 2023	\$0.002224 (CR)	
On and after July 1, 2023	\$0.000200 (CR)	

(AT)

(B) (Reserved for Future Use)

Rate effective July 1, 2021 in compliance with the requirements fo FCC Report and Order, FCC 20-143 issued in Docket No. 18-156

ISSUED: July 06, 2021 EFFECTIVE: August 05, 2021

Cause No. 202100123 Order No. 720032 OKLAHOMA FSA SECTION 4 Seventh Revised Sheet No. 135 Cancels Sixth Revised Sheet No. 135

FACILITIES FOR STATE ACCESS

SWITCHED ACCESS (Cont'd)

- 4.6 Rate and Charges (Cont'd)
 - 4.6.3 End Office Services (Cont'd)
 - (C) End Office Switching Bundled (EOSB)

The bundled rates for End Office Switching are based on originating and terminating Access Minutes.

	0 0		er Terminating Access	
	Minutes of U	se	Minutes of Use	
	Non-8YY	8YY		(CR)
Premium EOS1 Rates				
Valor Telecommunications	\$.014241	* (CR)	*	
Windstream Oklahoma, LLC	\$.007900	* (CR)	*	
Oklahoma Windstream, LLC	\$.007900	* (CR)	*	
Premium EOS2 Rates				
Valor Telecommunications	\$.014241	* (CR)	*	
Windstream Oklahoma, LLC	\$.012100	* (CR)	*	
Oklahoma Windstream, LLC	\$.012100	* (CR)	*	

(D) End Office Switching - Unbundled (EOSU) - Circuit Switched Line

The unbundled rates for End Office Switching are based on originating and terminating Access Minutes.

Premium EOS1 Rates Valor Telecommunications Windstream Oklahoma, LLC Oklahoma Windstream, LLC	\$.014241	* (CR)	*
	\$.007900	* (CR)	*
	\$.007900	* (CR)	*
Premium EOS2 Rates Valor Telecommunications Windstream Oklahoma, LLC Oklahoma Windstream, LLC	\$.014241	* (CR)	*
	\$.012100	* (CR)	*
	\$.012100	* (CR)	*

(E) End Office Switching - Unbundled (EOSU) - Circuit Switched Trunk

The unbundled rates for End Office Switching are based on originating and terminating Access Minutes.

Premium EOS1 Rates			
Valor Telecommunications	\$.014241	* (CR)	*
Windstream Oklahoma, LLC	\$.007900	* (CR)	*
Oklahoma Windstream, LLC	\$.007900	* (CR)	*
Premium EOS2 Rates			
Valor Telecommunications	\$.014241	* (CR)	*
Windstream Oklahoma, LLC	\$.012100	* (CR)	*
Oklahoma Windstream, LLC	\$.012100	* (CR)	*

Rates are billed as set forth in the Windstream Telephone System's FCC Tariff No. 6 found at: (CR) https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154 (CR)

ISSUED: July 06, 2021 EFFECTIVE: August 05, 2021

4. <u>SWITCHED ACCESS</u> (Cont'd)

- 4.6 Rate and Charges (Cont'd)
 - 4.6.3 End Office Services (Cont'd)
 - (F) Alternate Traffic Routing BSE

Premium Nonrecurring
Charge Per Trunk
Group Equipped
(CF3AR)

\$61.93

(G) Automatic Number Identification (ANI) - BSE

Rate Per ANI Attempt

\$ 0.00013

(H) User Transfer - BSE

Rates are found under Services for Enhanced Service Providers (ESP) - Section 24 in the Windstream Oklahoma Local Exchange Tariff - Section 9

(I) Hunt Group Arrangement - BSE

Rates are found under Rotary Hunting Line Service in the Windstream Oklahoma Local Exchange Tariff - Section 9

(J) Queuing - BSE

Rates are found under Services for Enhanced Service Providers (ESP) - Section 24 in the Windstream Oklahoma Local Exchange Tariff - Section 9. Monthly rate is multiplied by 10 lines per group. (10 X monthly rate)

Cause No. No. PUD 201700214

Order No. 666573

OKLAHOMA FSA SECTION 4 Fifth Revised Sheet No. 137 Cancels Fourth Revised Sheet No. 137

FACILITIES FOR STATE ACCESS

4. SWITCHED ACCESS (Cont'd)

- 4.6 Rate and Charges (Cont'd)
 - 4.6.3 End Office Services (Cont'd)
 - (K) Uniform Call Distribution BSE

Premium Monthly Rates
Per Line Equipped
(CF3UD)

\$4.61

(L) Simplified Message Desk Interface (SMDI) - BSE

Premium
Monthly Recurring Rate
Per DNAL
(SMQPX)

N/A

(M) Remote Call Forwarding - BSE

Rates are found under Remote Call Forwarding in the Windstream Oklahoma Local Exchange Tariff - Section 9

(N) Direct Inward Dialing (DID) - BSE

Rates are found under Direct Inward Dial (DID) Service in the Windstream Oklahoma Local Exchange Tariff - Section 9

(O) Billed Number Screening (BNS) - BSE

Rates are found under Billed Number Screening Service (BNS) in the Windstream Oklahoma Local Exchange Tariff - Section 9

(P) End Office Common Port

Per Terminating Minute

(C)

Valor Telecommunications – All Zones	*	(CR)
Windstream Oklahoma, LLC	*	(CR)
Oklahoma Windstream, LLC	*	(CR)

(Q) End Office Direct Trunk Port

Per Trunk Port	Voice Grade	DS1	
Valor Telecommunications	*(CR)	*	(CR)
Windstream Oklahoma, LLC	*(CR)	*	(CR)
Oklahoma Windstream, LLC	*(CR)	*	(CR)

ISSUED: June 28, 2017 EFFECTIVE: July 1, 2017

^{*} Rates are billed as set forth in the Windstream Telephone System's FCC Tariff No. 6 found at: https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154

VALOR TELECOMMUNICATIONS OF TEXAS, LP D/B/A WINDSTREAM COMMUNICATIONS SOUTHWEST

Cause No. 202100123 Order No. 720032 OKLAHOMA FSA SECTION 4 Third Revised Sheet No. 138 Cancels Second Revised Sheet No. 138

FACILITIES FOR STATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rate and Charges (Cont'd)

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	Per Originating Minute Valor Telecommunications – All Zones Windstream Oklahoma, LLC Oklahoma Windstream, LLC	Non-8YY \$.0005153 .0004070 .0004070	8YY * (CR) * (CR) * (CR)	(CR)
4.6.5	FGA or BSA-A Usage Sensitive Credit Allowance			
	Credit Per Originating FGA or BSA-A Access Minute(1)	\$.0013791		
4.6.6	(Reserved for Future Use)			
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4.6.8	Intrastate Support Fund (ISF) Surcharge(2)			
	Per Originating Access Minute	\$.0165		
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	Nonrecurring Charge (Per CIC, Per Access Tandem Direct Trunk) Nonrecurring Charge	\$1,120.00		
	(Per CIC, Per End Office Direct Trunk)	\$80.00		
	Monthly Recurring Rate (Per trunk)	\$0.46		

Rates are billed as set forth in the Windstream Telephone System's FCC Tariff No. 6 found at: (CR) https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154 (CR)

ISSUED: July 06, 2021 EFFECTIVE: August 05, 2021

⁽¹⁾ The credit is applied to the End Office Switching rate element.

⁽²⁾ This surcharge is not applicable to AT&T (ACNA: ATX), MCS (ACNA: MCS), U.S. Sprint (ACNA: UTC), ALLNET (ACNA: ALN), METROMEDIA (ACNA: ITT), WILTEL (ACNA: WTL) and Cable and Wireless (ACNA: TDX). In addition this surcharge is not applied to rates referenced from the Radio Common Carrier Interconnection Service Tariff. This Intrastate Support Fund (ISF) surcharge is pursuant to Commission Order 382640, dated April 19, 1994, issued on Cause No. PUD 920001213, PUD 920001335 and PUD 940000051.

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5. SPECIAL ACCESS

5.1 General

Special Access provides a transmission path to connect CDLs* within a LATA for Intrastate Telecommunications. Special Access provided to a customer may be connected directly to customer facilities, through Telephone Company Hub Wire Centers where bridging or multiplexing functions are performed, and/or may be connected to access facilities of another telephone company or companies in the joint provision of Special Access Service as well as may be connected to Switched Access as set forth in Section 4.

The provision of Switched Access and Special Access in combination is normally for, but not limited to, the use of WATS or WATS-type Access. When Special Access is connected to Switched Access, the terms, conditions and rates for the facilities between the end user's CDL and the WATS Serving Office are as set forth in this section of the tariff; the terms, conditions and rates for the facilities between the WATS Serving Office and the IC's CDL, as well as the switching functionalities (e.g., end user access codes, screening) are as set forth in Section 4 of this tariff.

Special Access can be provided in either analog or digital format. Analog formats are differentiated by spectrum and bandwidth. Digital formats are differentiated by bit rate. The specific types of Special Access (e.g., Voiceband, Digital Data Service) provided are described in 5.2 following.

5.1.1 Rate Elements

There are six basic rate elements which apply to Special Access Service:

Special Transport (described in 5.1.1(B) following)
Special Transport Termination (described in 5.1.1(G) following)
Special Access Line (described in 5.1.1(C) following)
Special Access Cross Connect (described in 5.1.1(D)following)
Supplemental Features (described in 5.4 following)
Multiplexing Arrangements (described in 5.5 following)

The following is a list of GTOC's Open Network Architecture (ONA) Special Access Basic Service Elements (BSEs) which provide a cross-reference to the generic ONA product names.

Generic Name

Access to Clear Channel Transmission Automatic Protection Switching

Bridging
Conditioning
Data Over Voice (DOV) Service
Secondary Channel Capability

Multiplexing - Digital 2000

GTOC Name

Clear Channel Capability Automatic Protection Switching Bridging Conditioning DOV Connect

Digital Data Service -Secondary Channel Multiplexing Arrangements

(A) (Reserved for Future Use)

* Telephone Company Centrex CO-like switches are considered to be CDLs for the purposes of this tariff.

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.1 Rate Elements (Cont'd)

(B) Special Transport

(1) The Special Transport rate element provides for the transmission facilities between the serving wire centers associated with two CDLs, between a serving wire center associated with an end user's CDL and a WATS Serving Office, between a serving wire center associated with a CDL and a Telephone Company Hub Wire Center or between two Telephone Company Hub Wire Centers.

The Special Transport element is distance sensitive and varies with type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Digital Data Service, etc.). Special Transport may be provided by more than one telephone company. The method of calculating applicable airline miles for rating purposes for Special Access is specified in 2.7.

(2) Special Transport may be used in conjunction with Switched Access for the purpose of provisioning Originating Only, Terminating Only or Combined Originating/Terminating Access as set forth in 4.2.5(V). Special Transport employed in this manner provides the FSA for the closed-end of the services between the wire center serving the end user's CDL where WATS Serving Office functions are not available and the WATS Serving Office.

When the necessary WATS Serving Office functions are not provided at the wire center which serves the end user's CDL, the Telephone Company will designate the wire center where the WATS Serving Office functions are available.

(C) Special Access Line (SAL)

(1) A Special Access Line provides the transmission facilities to a Customer Designated Location (CDL) or the facilities between a CDL and the serving wire center. This rate element varies by type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Digital Data Service, etc.).

When a Voiceband Special Access service is ordered to be terminated at a customer's designated Interexchange Carrier's all-digital CDL which requires a minimum digital interface level of 1.544 Mbps, the Telephone Company will provide the required interface and assess the customer a Voiceband SAL, for the facility between the all-digital CDL and its serving wire center. All other appropriate charges apply in addition to the Voiceband SAL.

SAL rates for DS3 offerings vary with the level of capacity and the number of services.

Installation of DS1 and DS3 SALs is as set forth in 5.6.1(D)(3). The applicable rates are the nonrecurring charge and monthly rate set forth per DS1 and DS3 SAL installed.

- 5. SPECIAL ACCESS (Cont'd)
 - 5.1 General (Cont'd)
 - 5.1.1 Rate Elements (Cont'd)
 - (C) Special Access Line (SAL) (Cont'd)
 - (1) (Cont'd)

The selection of a Terminating Option, as defined in 5.3, is required for terminating the network portion of a Special Access Line at a CDL. Terminating Options provide a clearly delineated interface which facilitates the design, isolation, and testing of the Special Access.

One Special Access Line charge applies per CDL at which the facility is terminated. This charge applies even if the facilities to the CDL do not transit a serving wire center; this charge also applies if the CDL and the serving wire center are co-located in a Telephone Company building. The Special Access Line charge used with a Switching Interface, as set forth in (2) below, is applicable only for the transmission facilities between the end user's CDL and the serving wire center of that location.

(2) A Special Access Line may be provided in conjunction with FGA, FGB, FGC and FGD, BSA-A, BSA-B, BSA-C, and BSA-D Switched Access Service for the purpose of Originating Only, Terminating Only or Combined Originating and Terminating Access as set forth in 4.2.1 and 4.2.2. A Switching Interface is required for the provision of this service as set forth in 4.2.5(V). The Special Access Line provides the closed-end of the dedicated facilities between an end user's CDL and its serving wire center. This serving wire center may or may not be a WATS Serving Office. In those instances when the serving wire center is not a WATS Serving Office Special Transport is applicable as set forth in 5.1.1(B) to the nearest Telephone Company WATS Serving Office.

The Switched Access used in conjunction with the Special Access Line provides various standard switching functionalities and optional arrangements as set forth in Section 4.2.5(V).

5. SPECIAL ACCESS (Cont'd)

- 5.1 General (Cont'd)
 - 5.1.1 Rate Elements (Cont'd)
 - (C) Special Access Line (Cont'd)
 - (2) All Special Access Lines used with a Switching Interface are:
 - provided with dial pulse address signaling or Dual Tone Multifrequency (DTMF) address signaling and either loop start or ground start supervisory signaling. The type of signaling is the option of the customer.
 - available as either a two-wire or four-wire Voiceband Special Access Service (i.e., 300-3000 Hz bandwidth). Each transmission path is provided at the option of the customer with transmission specifications as described in Section 7000 of the GTE Technical Interface Reference Manual.

All rules and regulations pertaining to Special Access are applicable to Special Access Lines used with a Switching Interface. Rates and Charges are found in 5.7.2 for two-wire and four-wire Voiceband Special Access Lines.

A customer may also order high capacity facilities from an end user's CDL to a Telephone Company Hub for the purpose of originating or terminating Special Access Lines used with a Switching Interface. High capacity to voice multiplexing will be required at the Hub. The customer will be required to submit an ASR for the high capacity facility and voice multiplexing. The customer will also be required to submit an ASR(s) for the individual Voiceband SALs specifying the channel facility assignment (CFA) for each service. This Hub may or may not be a WATS Serving Office. In those instances when the Hub is not a WATS Serving Office, Voiceband Special Transport is applicable as set forth in 5.1.1(B), for each individual Special Access Line used with a Switching Interface to the Telephone Company designated WATS Serving Office.

(D) (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.1 Rate Elements (Cont'd)

(E) Supplemental Features

Supplemental Features may be added to a Special Access circuit to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, 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 facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the Special Access circuit, including the CDL, it will be provided for as a single rate element.

Examples of Supplemental Features that are available include, but are not limited to, bridging and conditioning. Each Supplemental Feature is described in 5.4, and rates are set forth in 5.7.

(F) Multiplexing Arrangements

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at a Telephone Company designated Hub Wire Center arranged for multiplexing. All types of multiplexing may not be available at each Hub Wire Center. Refer to Section 5.6.6 for a description of Hub Wire Center. Descriptions for each type of multiplexing arrangements are provided in 5.5 following, and rates are set forth in 5.7 following.

(G) Special Transport Termination

(1) DS1 and DS3 Service

The Special Transport Termination rate element as set forth in 5.7, applies only to DS1, Individual DS3 and System DS3 offerings and is in addition to the Special Transport rate element. Special Transport Termination provides the equipment and arrangements necessary to terminate the Special Transport facility at a serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for DS1 and DS3 (Individual and Systems) offerings.

(2) (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.2 Special Access Configurations

There are two types of facility configurations over which Special Access Services are provided - two-point and multipoint.

(A) Two-point Service

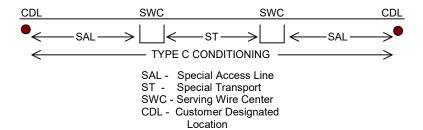
A two-point configuration is a circuit which is provided to connect two CDLs, either directly connected or through a Hub Wire Center where multiplexing functions are performed, or a CDL and a WATS Serving Office.

All Special Access offerings may be provided as a two-point configuration.

Applicable rate elements are:

- Special Access Lines
- Special Transport (when applicable)
- Special Transport Termination (when applicable)
- Supplemental Features (when applicable)
- Multiplexing Arrangements (when applicable)

The following diagram depicts a typical two-point service connecting two CDLs. The service is provided with the supplemental feature of Type C Conditioning:



Applicable rate elements are:

- Special Access Line (2 applicable)
- Special Transport (per airline mile between SWCs)
- Supplemental Feature of Type C Conditioning (2 applicable)

In addition, a Special Access Surcharge, as set forth in 5.6.9 following, and a Message Station Equipment Recovery Charge, as set forth in 5.6.10 following may be applicable.

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.2 Special Access Configurations (Cont'd)

(B) Multipoint Service

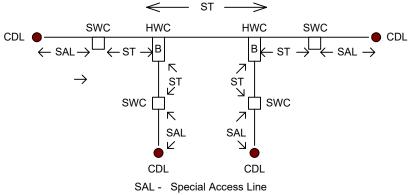
A multipoint configuration is a circuit that is provided to connect three or more CDLs through a Telephone Company Hub Wire Center.

Only Voiceband, Program Audio, Digital Data Service facilities, and Miscellaneous Services where so designated, will be provided as multipoint configurations. There is no limitation on the number of mid-links, but the use of more than three mid-links in tandem may degrade the quality of the multipoint facilities. A mid-link is defined as the Special Transport facilities between Hub Wire Centers where the circuit is bridged and/or where circuit switching devices, such as loop transfer arrangement, are located.

Multipoint service is provided in the following manner:

- (1) Special Access Line per CDL to their respective serving wire centers.
- (2) Special Transport between serving wire centers associated with the CDLs and the Hub Wire Center.
- (3) Special Transport between Hub Wire Centers.
- (4) Supplemental Features: Bridging equipment for each bridging location and other Supplemental Features when applicable.
- (5) (Reserved for Future Use)
- (6) Multiplexing Arrangements when applicable.

The following diagram depicts a multipoint service connecting four CDLs via two customer specified Hub Wire Centers:



ST - Special Transport
SWC - Serving Wire Center
CDL - Customer Designated
Location
HWC - Hub Wire Center

B - Bridging

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.2 Special Access Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

Applicable rate elements are:

- Special Access Lines (4 applicable)
- Special Transport (5 segments, per airline between SWCs and HWCs)
- Bridging (6 applicable, one per bridge port)

In addition, the Special Access Surcharge, as set forth in 5.6.9 following, and the Message Station Equipment Recovery Charge, as set forth in 5.6.10 may be applicable.

5.1.3 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in Section 9 following.

5.1.4 Design Layout Report

The Telephone Company will provide to the customer the makeup of the Special Access provided under this tariff to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report and will include the following:

Cable gauge, length and loading.

Makeup (e.g., T-Carrier, two-wire, four-wire, etc.)

Specific pair of circuit assignment at the customer designated location.

The Design Layout Report will be provided to the customer within fourteen working days from the ASR Date. Updated reports will be reissued within fourteen working days whenever facilities provided to the customer are materially changed. Both the initial and updated Design Layout Reports will be provided to the customer at no charge.

5.1.5 Acceptance Testing

At the time of installation, the following test parameters apply:

(A) For Voiceband services, acceptance testing will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise.

When the Interface Arrangement provides a four-wire voice transmission facility and the point of termination provides two-wire voice transmission (i.e., there is a four-wire to two-wire conversion at the point of termination) balance tests are also included in acceptance testing. When performing installation and acceptance testing, the Telephone Company will test the access service within the LATA.

On four-wire and effective four-wire circuits where the Network Channel Terminating Equipment (NCTE) has the capability of being remotely aligned, the Telephone Company may perform acceptance testing without a Telephone Company technician at the customer's premise. Should the customer request a technician be present at the customer's premise, additional charges will apply as set forth in Section 6.2(C). The applicable rates are in Section 6.2(G).

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.5 Acceptance Testing (Cont'd)

(A) (Cont'd)

If the NCTE at the customer's premise does not have the capability of being aligned remotely, the additional charges will not apply. The Telephone Company will determine the type of NCTE placed at a customer's premise.

(B) For other analog services (i.e., Program Audio, and Wideband Analog Services) and for digital services (i.e., Digital Data Services and High Capacity Digital Services), acceptance testing will include tests for the parameters applicable to the service as set forth in Section 7000 of the GTE Technical Interface Reference Manual for each of these services.

When the customer requests the performance of additional cooperative tests which are not required to meet these specified performance parameters, charges as set forth in 6.6 (B) following will apply. All test results will be made available to the customer upon request.

If acceptance tests are not started within 15 minutes after pre-service tests have been completed and the customer has been notified by the Telephone Company, additional charges may apply, as set forth in 6.2 following, unless the delay is caused by the Telephone Company.

5.1.6 Ordering Conditions

Ordering conditions are set forth in detail in Section 3 preceding. Also included in that section, are other charges which may be associated with ordering Special Access (e.g., Service Date Change Charges, Cancellation Charges, etc.).

(A) Determination of Jurisdiction of Mixed Use Special Access Lines

When mixed interstate and intrastate Special Access Service is ordered, the jurisdiction will be determined as follows:

(1) If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes 10% or less of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of this tariff.

5. SPECIAL ACCESS (Cont'd)

5.1 General (Cont'd)

5.1.6 Ordering Conditions (Cont'd)

- (A) <u>Determination of Jurisdiction of Mixed Use Special Access Lines</u> (Cont'd)
 - (2) If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes more than 10% of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of the Telephone Company's interstate tariff.
 - (3) Lines in service on the effective date of this tariff certified to be jurisdictionally interstate and having a maximum termination liability associated with them will not be assessed the termination liability. The customer must submit an ASR for each line changing jurisdiction no later than 90 days from the effective date of this tariff to have the termination liability waived.

(B) Special Access Jurisdictional Verification

If a billing dispute arises or a regulatory commission questions the customer's certification of the jurisdiction of the line the Telephone Company will ask the customer to provide the data used to determine the jurisdiction. The customer shall supply the data within 30 days of the Telephone Company's request. The customer shall keep records of system design and functions from which the jurisdiction can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the jurisdiction of the service.

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access

There are five generic types of Special Access offerings. They are:

- -Voiceband
- -Program Audio
- -Wideband Analog
- -High Capacity Digital
- -Digital Data Service

Each type has its own characteristics, and are subdivided by one or more of the following:

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

The Special Access offerings described below are comprised of a combination of the rate elements described in 5.1.1. The following descriptions indicate the most effective use for each facility. Customer use for purposes other than those indicated is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee transmission performance beyond the parameters identified in the descriptions.

The transmission performance characteristics of each Special Access offering are stated in Section 7000 of the GTE Technical Interface Reference Manual. 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 in the GTE Technical Interface Reference Manual will be maintained at the performance level specified in the manual. Where transmission performance characteristics are required other than those as stated in Section 7000 of the GTE Technical Interface Reference Manual, the Telephone Company will review, and where technically feasible, will develop rates and charges for the additional costs associated with provisioning the parameters. These rates and charges will be filed on an individual case basis in Section 5.9 and will apply in addition to all other applicable rates and charges.

The customer also has the option of ordering Voiceband and analog and digital high capacity facilities to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility, are set forth in 5.5. Additionally, the customer may specify supplemental features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the supplemental features available are set forth in 5.4.

For example, a customer may order a DS3 from a CDL to a Telephone Company Hub for multiplexing to 28 DS1 channels. The DS1 channels may be further multiplexed at the same or a different Hub to Voiceband channels or may be extended to other CDLs. Optional features may be added to either the DS1 or the Voiceband channels.

5. SPECIAL ACCESS (Cont'd)

5.2 <u>Description of Special Access</u> (Cont'd)

5.2.1 Voiceband

(A) Two-Wire Voiceband Facility (USOC - XDM++, XDN++; XDV++)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. They permit the simultaneous transmission of information in both directions over a circuit, but it is not possible to ensure independent information transmission in both directions. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

(B) Four-Wire Voiceband Facility (USOC - XDN++, XDV++)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. The facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. When terminated four-wire, they permit simultaneous independent transmission of information in both directions over a circuit. However, when terminated two-wire, simultaneous independent transmission cannot be supported. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

5.2.2 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.3 Program Audio

These facilities are arranged and provided for the transmission of audio to be broadcast or which is to be used in connection with loudspeakers, wired music, closed circuit or recordings. Audio facilities are furnished for transmission in one direction. Audio facilities may be provided on a two-point or multipoint basis.

Program Audio facilities are provided on either a full-time or part-time basis. The minimum periods for full-time and part-time service are set forth in Section 3.2.4. When a part-time program audio service is provided for ten or more consecutive days, it will be treated as a full-time service and rated accordingly. In no event will the charge for continuous part-time program audio exceed the amount that would have been charged in the same time period for full-time program audio facilities.

Listed below are the types of Program Audio facilities that are offered under this tariff.

(A) 200 to 3500 Hz (USOC - XDP1D; XDP1M)

Facilities are generally acceptable for speech quality programming and are subject to use over limited distance due to transmission factors.

(B) 100 to 5000 Hz (USOC - XDP2D; XDP2M)

Facilities are generally acceptable for music and provide good quality speech programming.

(C) 50 to 8000 Hz (USOC - XDP3D; XDP3M)

Facilities for the provision of high fidelity music transmission.

(D) 50 to 15000 Hz (USOC - XDP4D; XDP4M)

Facilities for the provision of high fidelity music transmission. Two such facilities may be conditioned, at applicable charges, for stereo operation.

5.2.4 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.2 <u>Description of Special Access</u> (Cont'd)

5.2.5 Wideband Analog (USOC - XDW++)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. The three types of Wideband Analog facilities are:

- (A) Group band facilities with a bandwidth from 60 kHz to 108 kHz for the transmission of a 12 circuit frequency division multiplexer (FDM) group.
- (B) Supergroup band facilities with a bandwidth from 312 kHz to 552 kHz for the transmission of a 60 circuit FDM supergroup.
- (C) Mastergroup band facilities with a bandwidth from 564 kHz to 3084 kHz for the transmission of a 600 circuit FDM mastergroup.

5.2.6 (Reserved for Future Use)

5.2.7 High Capacity Digital (USOC - XDH++)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth in 5.1.1(C)(1). A High Capacity to Voice multiplexing arrangement, as described in Section 5.5, is required at the Hub Wire Center.

- (A) DS1 facilities provide for the transmission of isochronous bipolar serial data at a rate of 1.544 Mbps.
- (B) DS1C facilities provide for the transmission of isochronous bipolar serial data at a rate of 3.152 Mbps.
- (C) (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

- 5.2 <u>Description of Special Access</u> (Cont'd)
 - 5.2.7 High Capacity Digital (USOC XDH++) (Cont'd)
 - (D) (Reserved for Future Use)
 - (E) DS3 facilities provide for the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps. Ordering conditions are set forth in 3.1.1(F).
 - (F) (Reserved for Future Use)
 - (G) (Reserved for Future Use)
 - 5.2.8 (Reserved for Future Use)
 - 5.2.9 <u>Digital Data Service</u> (USOC XDD++)

Facilities for Digital Data Service are furnished for the simultaneous two-way transmission of synchronous data and are available at transmission speeds of: 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps or 64 Kbps. Digital Data facilities may be provided on a two-point or multipoint basis.

5.2.10 Miscellaneous Special Access Services

A description of each service provided under Miscellaneous Special Access Services, along with the rates is set forth in 5.8 following. Other Special Access rate elements may apply in addition to those found in 5.8.

5. SPECIAL ACCESS (Cont'd)

5.3 Description of Terminating Options

Terminating Options provide a clearly delineated interface between Telephone Company and customer facilities at the point of termination at the CDL. Terminating Options facilitate the design, isolation, and testing of the Special Access. The description of each Terminating Option defines the most effective use of the Terminating Option. The technical parameters of each type of associated interface are set forth in Section 7000 of the GTE Technical Interface Reference Manual. Although a customer is not restricted from alternate applications, except where such application is harmful to the network, the Telephone Company cannot guarantee technical performance for other than the applications stated below. Terminating Options are nonchargeable.

5.3.1 (Reserved for Future Use)

5.3.2 Voice Grade

(A) Two-Wire Voice Grade, Non-Data, Without Signaling

This option provides a two-wire interface to a customer and terminates an effective two-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voice band. Customer provided voiceband signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three-second period.

(B) Four-Wire Voice Grade, Non-Data, Without Signaling

This option provides a four-wire interface to the customer terminal equipment and terminates an effective four-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voiceband. Customer provided voice band signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three-second period.

(C) Voice Grade Data Termination

This option provides a two-wire or four-wire transmission interface to a customer's private line data modem and terminates an effective four-wire facility furnished for voiceband data transmission.

5. SPECIAL ACCESS (Cont'd)

5.3 <u>Description of Terminating Options</u> (Cont'd)

5.3.2 Voice Grade (Cont'd)

(D) Two-Wire Voice Grade Station Connecting Facility Termination

This option provides a means to terminate an effective two-wire facility or an effective four-wire facility with a two-wire customer interface on a telephone, key system, PBX, ACD, or similar equipment. This option is normally used to terminate facilities that furnish foreign central office service, the station end of PBX off premises service, or private switched service network access lines. The option provides both the transmission and loop signaling functions normally associated with these services. The option is also used to terminate facilities arranged with automatic ringdown signaling. This option provides the loop and ringdown signaling with the facility.

(E) Four-Wire Voice Grade Station Connecting Facility Termination

A terminating option similar to (D) preceding used to terminate effective four-wire foreign central office service. The option provides a four-wire transmission interface to the customer terminal equipment and the loop signaling function normally associated with these services. This option provides the loop and ringdown signaling with the facility.

(F) <u>Two-Wire Station Connecting Facility Termination for the Open End of an Off Premises PBX Extension</u>

Terminating options are available depending on the signaling range of the PBX (or similar system) as defined in Part 68 of the FCC Rules and Regulations. Type 1 is an option requiring range extension equipment at the CDL. Type 2 is an option with no range extension equipment at the CDL. If needed, the loop signaling range equipment for Type 1 must be specifically specified, see Section 5.4.4 following for available arrangements.

(G) Dial Repeating Tie Trunk Termination

Two network terminating options are provided for terminating effective four-wire transmission facilities used to furnish dial repeating tie trunk services. These options are described in terms of the interface they provide to a PBX (or similar system).

(1) A Type I tie line termination provides the customer with a two-wire transmission interface and includes either two-wire or four-wire E&M type signaling. Transmission and signaling interface options available are described in Part 68 of the FCC Rules and Regulations. This option provides the E&M type signaling with the facility.

5. SPECIAL ACCESS (Cont'd)

- 5.3 <u>Description of Terminating Options</u> (Cont'd)
 - 5.3.2 Voice Grade (Cont'd)
 - (G) Dial Repeating Tie Trunk Termination (Cont'd)
 - (2) A Type III tie line termination provides the customer with a four-wire transmission interface and includes either two-wire or four-wire E&M type signaling. Transmission and signaling options available are described in Part 68 of the FCC Rules and Regulations. This option provides the E&M signaling with the facility.
 - 5.3.3 Program Audio
 - (A) 200 to 3500 Hz

Provides standard program audio interface levels and impedance matching to two-wire network facilities.

(B) 100 to 5000 Hz, 50 to 8000 Hz, and 50 to 15000 Hz

Provides standard program audio interface levels, circuit equalization and impedance matching to two-wire network facilities.

- 5.3.4 (Reserved for Future Use)
- 5.3.5 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.3 <u>Description of Terminating Options</u> (Cont'd)

5.3.6 High Capacity Digital

(A) High Capacity Digital DS1

Provides a High Capacity Digital DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 1.544 Mbps.

(B) High Capacity Digital DS1C

Provides a High Capacity Digital DS1C Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 3.152 Mbps.

- (C) (Reserved for Future Use)
- (D) (Reserved for Future Use)
- (E) High Capacity Digital DS3

Provides a High Capacity Digital DS3 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 44.736 Mbps. Ordering conditions are set forth in 3.1.1(F).

- (F) (Reserved for Future Use)
- (G) (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.3 <u>Description of Terminating Options</u> (Cont'd)

5.3.7 <u>Digital Data Service (DDS)</u>

Provides DDS Special Access interface for use in providing simultaneous two-way transmission of sequential bipolar data signals at transmission speeds of 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps or 64 Kbps over four-wire facilities.

5.4 Description of Supplemental Features

Supplemental Features are items which can be added to a Special Access service to provide enhanced capabilities or improve its utility. References to specific uses or Special Access types indicate the most effective use for each Supplemental Feature. Customer use for other purposes or with other Special Access types is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee functional operation of Supplemental Features for these alternate applications.

Listed below are the Supplemental Features that are offered under this tariff.

5.4.1 Bridging

Bridging is the function of connecting three or more CDLs in a multipoint arrangement. Listed below are those bridging services offered under this tariff.

(A) MultiPoint Data Bridging (USOC - B5NDJ)

This feature provides the capability to derive a multipoint data circuit from a single facility and is normally provided on Voiceband facilities provided for transmission of data signals. This function is provided on a per port basis. Polled multipoint data circuits are a typical application of this feature.

(B) Voice Conference Bridging (USOC - B5NVJ)

Bridging arrangement to connect multiple Voiceband facilities in order that a voice frequency input signal from any location will be reproduced at the output of all other circuit locations. This function is provided on a per port basis.

(C) Alarm Distribution Bridging (USOC - BCNTA)

Provides polling type bridging capabilities, band splitting filters and conversion of four-wire common terminations up to a capacity of 40 two-wire terminations. This function is offered as two tariff elements. The first element provides all shelving and common equipment for a capacity of 40 two-wire terminations. The second element provides a two-wire port. One common equipment rate element will apply to accommodate up to 40 two-wire terminations. One two-wire port charge will apply to each two-wire Special Access Line terminated in the bridge.

5. SPECIAL ACCESS (Cont'd)

5.4 <u>Description of Supplemental Features</u> (Cont'd)

5.4.1 Bridging (Cont'd)

(D) Program Audio Bridging (USOC - BCNPT)

An arrangement to provide multiple channel outputs from a single Program Audio or Voiceband facility. This arrangement is provided and rated on a per port basis.

(E) DDS Bridging (USOC - BCNDA)

Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 or 64 kbps DDS facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

5.4.2 Conditioning Arrangements - Data

Data conditioning, when utilized in conjunction with effective four-wire Voiceband transmission facilities, improves the characteristics of these facilities. These improved characteristics are not represented to apply to the entire end to end facility of the customer, but only to that portion of the facility provided by the Telephone Company.

There are three types of data conditioning: Type C, Type C-Improved and Type DA. Type C and Type C-Improved conditioning control attenuation distortion and envelope delay distortion. Type DA controls the signal to C-notched noise ratio and intermodulation distortion. Type C and Type DA conditioning may be combined on the same circuit. Type C-Improved and Type DA conditioning may be combined on the same circuit.

Data conditioning is charged for on a per Special Access line basis. The parameters listed for each type of data conditioning apply from two or more CDLs located within the Telephone Company serving area. Conditioning parameters apply to each end of a two-point circuit. For multipoint circuits, the conditioning parameters apply from any CDL to either the point of interface at another CDL or the first Telephone Company bridging point depending on the circuit configuration. These parameters are not applicable to High Capacity or Wideband Analog points of interface, because there is no voice frequency test access point. In these instances the data conditioning parameters apply to the last telephone company voice frequency test access point before the High Capacity or Wideband Analog point of interface.

5. SPECIAL ACCESS (Cont'd)

5.4 <u>Description of Supplemental Features</u> (Cont'd)

5.4.2 Conditioning Arrangements - Data (Cont'd)

(A) Type C (USOC - X1CPT)

Type C conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for Voiceband circuits.

- (1) Attenuation distortion with reference to 1004 Hz.
- (2) Envelope delay distortion.

(B) Type C-Improved

Type C-Improved conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for Voiceband circuits.

- (1) Improved attenuation distortion with reference to 1004 Hz. (USOC UHW)
- (2) Improved envelope delay distortion. (USOC UHY)

The customer may choose to order Improved Attenuation Distortion or Improved Envelope Delay Distortion or both (USOC - XCECM) configurations. The rates specified for Type C-Improved conditioning, Section 5.7.2(B), will apply regardless of the configuration specified.

(C) Type DA (USOC - XDCPT)

Type DA conditioning of Voiceband facilities provides a facility with the following transmission parameter enhanced to meet the values specified for Type DA conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for voiceband circuits

- (1) Signal to C-notched noise ratio.
- (2) Nonlinear signal to second order distortion.
- (3) Nonlinear signal to third order distortion.

5. SPECIAL ACCESS (Cont'd)

5.4 <u>Description of Supplemental Features</u> (Cont'd)

5.4.3 Conditioning - Program Audio

(A) Stereo Conditioning (USOC - XSC)

Provides the option of two radio program facilities which are identical in all transmission characteristics. Two Program Audio facilities are required to provide this Supplemental Feature. This feature is normally used only with Program Audio 50 to 15000 Hz facilities. Stereo Conditioning is charged on a per occurrence basis.

(B) Zero Loss (USOC - XZB)

Conditioning of Program Audio facilities to provide zero loss at 1000 Hz test frequency. Zero Loss is charged on a per Special Access Line basis.

5.4.4 Signaling Arrangements (USOC - OS+; XSSLR)

Signaling arrangements, when furnished with Voiceband transmission facilities, enable the facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at customer and Telephone Company interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV and SF.

The customer identified NCI and SEC NCI codes will be considered the customer's request for signaling. The Telephone Company will endeavor to provide the specific signaling protocols requested by the customer. In those cases where facilities and equipment are not available to meet the customer's specific requests, the Telephone Company will provide the customer acceptable alternate protocols. Sections 3300, 6000 and 7000 of the GTE Technical Interface Reference Manual provide detailed technical descriptions of the signaling protocols normally available with each service offering. To properly provision SF signaling, when associated signaling code, is DS (PCM), additional information of SF requirements (loop signaling type DX/E&M or ringdown) must accompany the customer's order.

Signaling arrangement charges apply whenever interfaces at the customer premises or at the customer's Telephone Company serving wire center require a signaling arrangement other than those provided with the Terminating Options in 5.3.2 preceding. Signaling Arrangements will be charged on a per SAL basis. Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB.

5. SPECIAL ACCESS (Cont'd)

5.4 <u>Description of Supplemental Features</u> (Cont'd)

5.4.4 Signaling Arrangements (Cont'd)

For the above conditions, one additional signaling charge applies for each additional leg of multipoint circuit. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Telephone Company will obtain customer approval for signaling range extension equipment.

Listed below are the Signaling Arrangements offered under this tariff:

- (A) Loop Signaling Range Extension An arrangement to extend the metallic resistance limitations of loop type signaling. (USOC OSA)
- (B) Conversion of Loop or E&M Signaling to SF An arrangement to convert loop or E&M signaling to the single frequency signaling format. (USOC OSB)
- (C) E&M to DX Signaling Conversion Conversion of E&M signaling to the DX signaling format. (USOC OSC)
- (D) E&M to Loop Signaling Conversion Conversion of E&M signaling format to the loop type signaling. (USOC - OSD)
- (E) Loop or E&M to PCM Signaling Conversion of loop or E&M signaling to the digital (PCM) signaling format. (USOC - OSN)
- (F) Automatic Ringdown Signaling (ARD) A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end. (USOC - XSSLR)

5.4.5 Echo Control

(A) Echo Suppression (USOC - OE1)

An arrangement provided at the customer's request to attenuate reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo suppression is charged on a per Special Access circuit basis. Echo suppression is an obsolete service offering and is applicable only to those circuits equipped with echo suppression prior to January 1, 1987. Any service rearrangements or order activity on the circuits equipped with echo suppression may require a change to echo canceller as described in 5.4.5(B) following.

5. SPECIAL ACCESS (Cont'd)

- 5.4 <u>Description of Supplemental Features</u> (Cont'd)
 - 5.4.5 Echo Control (Cont'd)
 - (B) Echo Canceller (USOC ORJ)

An arrangement provided at the customer's request to cancel reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo canceller is charged on a per Special Access circuit basis.

- 5.4.6 (Reserved for Future Use)
- 5.4.7 <u>Voiceband Facility Switching Arrangement</u> (USOC UST)

An arrangement to provide switching between two Voiceband Special Access Services. This arrangement may require a Voiceband control circuit to control the switching arrangement at an additional charge.

5.4.8 <u>Automatic Protection Switch</u> (USOC - APP)

Consists of special switching equipment placed at both ends of a duplicate DS1 facility (i.e., DS1, High Capacity Circuit) for automatic switching to the duplicate (standby) facility in the event the active facility is inoperative.

Duplicate facilities may terminate at a serving wire center, a CDL or both. The option provided under this tariff only includes the APS(s) located at a serving wire center(s). When the duplicate facility terminates at a CDL, the customer will be responsible for providing the associated APS and ensuring it is compatible with the Telephone Company provided switch if appropriate.

The duplicate facilities are not a part of this supplemental feature.

- 5.4.9 (Reserved for Future Use)
- 5.4.10 (Reserved for Future Use)
- 5.4.11 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.5 Description of Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS1C may be de-multiplexed to two DS1 facilities and then the DS1 facilities may be further de-multiplexed to 24 Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

(A) Group to Voice (USOC - MQV++)

An arrangement that multiplexes twelve voice grade circuits to a single wideband analog group band circuit, or multiplexes a single wideband analog group band circuit to twelve voice grade circuits.

(B) Supergroup to Group (USOC - MQS++)

An arrangement that multiplexes five wideband analog group band circuits to a single wideband analog supergroup band circuit, or multiplexes a single wideband analog supergroup band circuit to five wideband analog group band circuits.

(C) <u>Mastergroup to Supergroup</u> (USOC - MQ9++)

An arrangement that multiplexes ten wideband analog supergroup band circuits to a single wideband analog mastergroup band circuit, or multiplexes a single wideband analog mastergroup band circuit to ten wideband analog supergroup band circuits.

(D) DS1 to Voice (USOC - MQ1)

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits. If this DS1 terminates in a DDS hub, a channel(s) of the DS1 can be used to provide DDS; however, DDS service stops at the DS1 interface. Multiple channels may be required to provide individual Program Audio Channels.

Up to 16 channels of this DS1 can be used for Direct Digital Service (DDS-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for DDS-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

5. SPECIAL ACCESS (Cont'd)

5.5 <u>Description of Multiplexing Arrangements</u> (Cont'd)

(E) DS1C to Voice (USOC - MQH++)

An arrangement that multiplexes forty-eight voice grade circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to forty-eight voice grade circuits.

(F) DS1C to DS1 (USOC - MXH++)

An arrangement that multiplexes two DS1 digital circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to two DS1 digital circuits.

(G) <u>DS3 to DS1</u> (USOC - MXB++)

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

(H) (Reserved for Future Use)

(I) Group to DS1 (USOC - MQG++)

An arrangement that multiplexes two wideband analog groupband circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to two wideband analog groupband circuits.

(J) Digital Data Carrier Multiplexer (USOC - QMU)

An arrangement that multiplexes a single DS1 1.544 Mbps digital circuit to twenty-three DSO digital ports for connection to either a subrate data multiplexer as described in 5.5(M) following or 56 Kbps digital circuits.

(K) Digital Data Subrate Multiplexer (USOC - QSU24; QSU48; QSU96)

Used with cascading multiplexing, the Digital Data Subrate Multiplexer is an arrangement that multiplexes the following quantities of subrate digital data circuits into a single DSO digital port: 1) twenty 2.4 Kbps, 2) ten 4.8 Kbps or 3) five 9.6 Kbps. In turn, the DSO digital port is then multiplexed to a single DS1 digital circuit using the Digital Data Carrier Multiplexer described in 5.5(L) preceding.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations

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

5.6.1 Types of Rates and Charges

There are four types of rates and charges. These are monthly rates, daily rates, time sensitive rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are recurring charges 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.

(B) Daily Rates

Daily rates are recurring charges that apply to each 24 hour period or fraction thereof that a part-time Program Audio Special Access Service is provided. This 24 hour period is not limited to a calendar day. When part-time Program Audio service is provided for ten or more consecutive days it will be treated as a full-time service and monthly rates will apply. In no event will the charges for continuous part-time Program Audio service exceed the amount that would be charged in the same time period for full-time service.

(C) Zone Density Plan - Special Access

The Zone Density Rate Plan is a pricing unit for rating High Capacity Special Access DS1 and DS3 Services. The Zone Density Plan assigns every Serving Wire Center (SWC) to one of three zones. The Serving Wire Center, CLLI Codes and zones are listed in Section 19. Zone 1 SWCs have the highest density of services, Zone 2 SWCs have intermediate density of services and Zone 3 SWCs have the lowest density of services. Zone Density Plan rates become effective in a study area concurrent with the first operational Expanded Interconnection Service (EIS), as described in Section 17, in that study area.

The Zone Density Plan for Special Access is applicable only to DS1 (1.544 Mbps) and DS3 (44.736 Mbps) services.

- (A) Zone Density rates are set forth in Sections:
 - 5.7.6 Multiplexing Arrangements
 - 5.7.7 High Capacity Digital DS1
 - 5.7.10 High Capacity Digital DS3 Three System
 - 5.7.12 High Capacity Digital DS3 Individual System
 - 5.7.14 High Capacity Digital DS3 Transport
 - 5.7.15 DS3 Multiplexer Cross Connect Arrangement
- (B) Special Access Lines and Transport Terminations are rated according to the Zone of the SWC where they are located.
- (C) Special Transport provisioned between SWCs in two different zones will be rated at the higher zone rate.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity, (i.e., installation of service or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are those listed below.

(1) Design Change Charge (USOC - H28)

The customer may request a design change to the service ordered. A design change is any change to a pending ASR for Special Access Service which requires engineering review. Design changes include such things as the addition or deletion of supplemental features or changes in the terminating options. Design changes do not include a change of IC CDL or end user premises when its serving wire center changes or Special Access service type (e.g., 2-wire to 4-wire Voiceband or Voiceband to Program Audio, etc.). Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR. The cancellation charges apply as set forth in 3.2.6 preceding.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and specify if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge, as set forth in 5.7.1 following, will apply on a per ASR per occurrence basis, for each ASR requiring a design change.

If a change of service date is required, the Service Date Change Charge as set forth in Section 3 preceding will also apply.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges (Cont'd)

(2) <u>Installation of Supplemental Features and</u> Multiplexing Arrangements

Nonrecurring charges apply for the installation of some supplemental features and multiplexing arrangements available with Special Access service. The charge applies whether the feature or multiplexing arrangement is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

For additions of supplemental features without an NRC, a charge equal to a SAL NRC will apply. Only one such charge per service, per order will apply.

(3) Installation of DS1 and DS3 Special Access Lines

(a) DS1 Standard Arrangements

There are two levels of NRC and monthly charges for the installation of a DS1 SAL as set forth in 5.7.7(A). The "First System" charge is assessed per SAL for the first DS1 service ordered by a customer between CDLs or a hub wire center. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time and between the same CDLs as the "First System" DS1 SAL, the lesser charge under "Additional System" will apply.

(b) DS1 Optional Payment Plan (OPP) Arrangements

Customers subscribing to the DS1 OPP arrangements at rates set forth in 5.7.7(C) will not be assessed a nonrecurring charge (NRC) for initial installation of a "First System" DS1 SAL. For each "Additional System" DS1 SAL, the NRC as set forth in 5.7.7(A) will apply. In addition, under a DS1 OPP, the "Additional System" DS1 SAL may be ordered as set forth in 5.6.12(A) through 5.6.12(H) at any time by the same customer between the same CDL and its serving wire center or hub wire center as the "First System" DS1 SAL.

The Regulations in Section 5.6.1(D)(6) will apply to existing DS1 OPP customers when required for changes and other service rearrangements.

- (c) (Reserved for Future Use)
- (d) (Reserved for Future Use)
- (e) (Reserved for Future Use)

- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (3) Installation of DS1 and DS3 Special Access Lines (Cont'd)
 - (f) DS3 Arrangements

There are two levels of charges for the installation of 3 System DS3 SALs as set forth in 5.7.10. The "First System" charge is assessed for the first DS3 SAL ordered by a customer. When the same customer requests additional DS3 SALs, to be installed between the same locations, the "Additional System" charge will apply for each SAL ordered (maximum of two Additional System SALs in a 3 System DS3).

For Individual DS3s, the charge for installation will apply at the same rate per DS3 SAL.

- (g) (Reserved for Future Use)
- (4) (Reserved for Future Use)
- (5) Installation of Voicegrade, Program Audio and Digital Data Service Special Access Lines

The nonrecurring charge associated with the installation of voicegrade SALs is specified in 5.7.2(A). The nonrecurring charge associated with the installation of program audio SALs is specified in 5.7.3(A) through (D). This charge will not apply to part-time Program Audio SALs which are left in place and reused.

The nonrecurring charge associated with the installation of DDS SAL facilities and the provisioning of the customer specified transmission speed of 2.4, 4.8, 9.6, 19.2, 56 or 64 Kbps is specified in Section 5.7.5(A).

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges (Cont'd)

(6) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature or involve an actual physical change to the service. Changes to pending orders are in 3.2.2.

Changes in the type of service will be treated as a discontinuance of the service and an installation of a new service.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as in 5.6.4.

Administrative changes will be made without charge(s) to the customer.

Administrative changes are as follows:

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Special Access service.
- Change of customer or customer's end user 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 number),
- 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,
- Change of agency authorization, and
- Change in jurisdiction involving no physical changes to the service.

5. SPECIAL ACCESS (Cont'd)

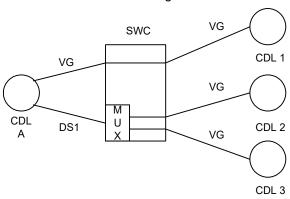
- 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of another termination to an existing two-point or multipoint service, installation charges for each location added will apply.
- If the change involves the addition of supplemental feature or multiplexing arrangement, the
 installation charge associated with the supplemental feature or multiplexing arrangement will
 apply. When the supplemental feature or arrangement has no associated nonrecurring
 charge (or rated at \$.00), one SAL nonrecurring charge for the type of service involved (i.e.,
 voicegrade SAL, DDS SAL, etc.) will be applied to the order.
- If the change involves only changing the type of network interface, with no change in facility, the installation charge associated with each service receiving a network interface change will apply.
- If the change involves changing a two-wire service to a four-wire service or vice versa, the installation charge for each location changed will apply.
- If the change involves only rollovers or grooming, then no charges will apply. A rollover is the retermination of a segment of a lower capacity special access service onto a higher capacity special access service. The rollover must occur in the wire center where the higher capacity service is multiplexed with no other changes to the lower capacity service being reterminated (i.e., the segment must not require rerouting to connect to the multiplexer of the higher capacity service).
- Grooming is the retermination of a lower capacity special access service from one channel in a higher capacity special access service to another channel in the same higher capacity service or to another channel in another higher capacity special access service (i.e., change in connecting facility assignment) in the same wire center, with no other changes to the lower capacity service.

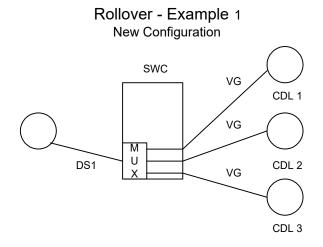
- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) Service Rearrangements (Cont'd)

Rollover - Example 1
Current Configuration



The customer requests that the voiceband circuit (VG) between CDL A and CDL 1 be "rolled over" to the DS1 serving CDL A. No NRCs apply for this request.

- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) Service Rearrangements (Cont'd)

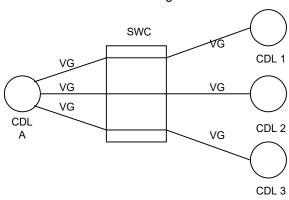


The customer requests that the voiceband circuit (VG) between CDL A and CDL 1 be "rolled over" to the DS1 serving CDL A. No NRCs apply for this request.

5. SPECIAL ACCESS

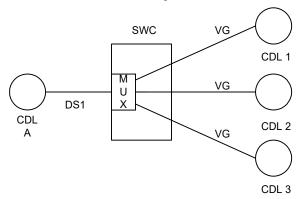
- 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) <u>Service Rearrangements</u> (Cont'd)

Rollover - Example 2 Current Configuration



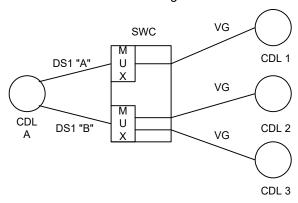
The customer requests the installation of a DS1 between the serving wire center (SWC) and CDL A and a DS1/voice multiplexer in the SWC. The customer also requests that the voiceband circuits serving CDLs 1, 2,and 3 be "rolled over" to the new DS1. All NRCs apply for the installation of the DS1 and multiplexer. No NRCs apply for the voiceband roll overs to the new high capacity circuit.

Rollover - Example 2 New Configuration



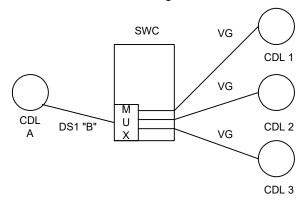
- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) <u>Service Rearrangements</u> (Cont'd)

Grooming - Example 1 Current Configuration



The customer requests that the voiceband (VG) circuit serving CDL 1 be moved from the DS1 "A" circuit to the DS1 "B" circuit. No NRCs apply for this request.

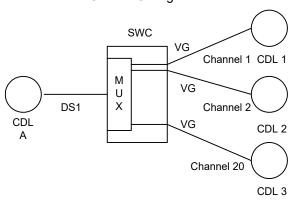
Grooming - Example 1
New Configuration



5. <u>SPECIAL ACCESS</u> (Cont'd)

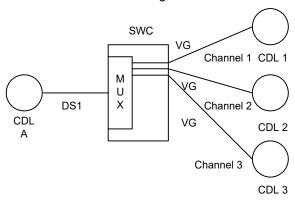
- 5.6 Rate Regulations (Cont'd)
 - 5.6.1 Types of Rates and Charges (Cont'd)
 - (D) Nonrecurring Charges (Cont'd)
 - (6) <u>Service Rearrangements</u> (Cont'd)

Grooming - Example 2 Current Configuration



The customer requests that the voiceband circuit serving CDL 3 be moved from channel 20 in the DS1 serving CDL A to Channel 3 in the same DS1. No NRCs apply for this request.

Grooming - Example 2 New Configuration



- If the change involves reterminations other than Rollovers and/or Grooming, all NRCs associated with the installation of the lower capacity service will apply.
- In cases where multiple service rearrangements or an additional termination or a move and a service rearrangement are requested on a single ASR, the total charge will never exceed the full nonrecurring charge for the basic service.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.2 Minimum Periods

Special Access is provided for a specified minimum period. Minimum periods and minimum period charges are described in Section 3 preceding.

5.6.3 Mileage Measurement

The mileage to be used to determine the monthly rate for the Special Transport is calculated on the airline distance between the serving wire centers involved (i.e., CDL serving wire center or Hub Wire Center or WATS Serving Office). Where the calculated miles include a fraction, the value is always rounded up to the next full mile. Where the calculated value is zero, no Special Transport mileage is charged.

When there is a Hub Wire Center involved, the Special Transport mileage will be measured from the Hub Wire Center to the serving wire centers of each of the CDLs connected to the hubbed facilities. Mileage is computed for each section and rates are applied accordingly. However, when a Special Access facility is routed through a Hub Wire Center for purposes other than customer specified such as 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 wire centers serving the CDLs.

The rates for the mileage are applied per airline mile. The serving wire center V&H coordinates and the method of calculation are specified in the NECA Tariff FCC No. 4.

5.6.4 Moves

A move involves a change in the physical location of the point of termination of Special Access. A move normally involves an interruption of Special Access for the period required to complete the move. No credit allowance will be granted for that period. Special Construction as set forth in Section 10 may also be applicable at the different CDL.

A customer may request that Special Access not be interrupted during a move. To comply with that request, it may be necessary to install a duplicate Special Access, and subsequently discontinue the existing Special Access. Charges, monthly and nonrecurring, will apply for the duplicate Special Access. A new minimum period will be established for the duplicate portion of the Special Access, depending on which end of the Special Access is moved. The customer will remain responsible for all minimum period charges associated with the corresponding portion of the disconnected Special Access.

The charge for the move depends on whether the move is within the same CDL or to a different CDL.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.4 Moves (Cont'd)

(A) Same CDL

When the move of a termination of FSA, as defined in Section 2.1.5, for special access is to a new point within the same CDL (same address and/or same building), the charge for the move will be the installation charge for the portion of the service being reterminated. There will be no change in the minimum period requirements. For services subject to payment plan regulations, the same payment period will remain in force.

(B) Different CDL

- (1) When the move is to a different CDL (different address and different building), except as specified below, it will be treated as a disconnect and an installation of service. The appropriate service installation charge for the service termination(s) affected will apply. A new minimum period will be established for the installed Special Access Service. The customer will remain responsible for all minimum period charges associated with the disconnected Special Access Service. For services subject to payment plan regulations, a new payment plan will be established and full assessment of the remaining liabilities will be applicable.
- (2) When the move is to a different CDL but served by the same serving wire center, the following conditions apply:
 - A change ASR will be required.
 - The appropriate service installation charge for the service termination(s) affected will apply.
 - For Special Access services subject to payment plan regulations, if the customer of record remains the same with no lapse in service, the appropriate NRCs for changes will apply.
 Otherwise, the move will be treated as a disconnect and an installation of service and all appropriate NRCs and full assessment of the remaining liabilities will be applicable.

- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.5 Rates and Charges on an Individual Case Basis
 - (A) The monthly rates and nonrecurring charges for the following service offerings will be developed on an Individual Case Basis:
 - Full-time Videoband Type I Facilities
 - Wideband Analog Group Band Facilities
 - Wideband Analog Supergroup Band Facilities
 - Wideband Analog Mastergroup Band Facilities
 - High Capacity Digital DS1C (3.152 Mbps) Special Access Lines High Capacity Digital DS1C (3.152 Mbps) Special Transport

 - High Capacity Digital DS3C (89.472 Mbps) Facilities
 - (B) The monthly rates and nonrecurring charges for the following Multiplexing Arrangements will be developed on an Individual Case Basis:

Group to Voice Supergroup to Group Mastergroup to Supergroup DS1C to Voice DS1C to DS1 DS3C to DS1 Group to DS1

(C) The monthly rates and nonrecurring charges for the following Supplemental Features will be developed on an Individual Case Basis:

Dataphone Select-a-Station Bridging Common Equipment - Addressable.

Dataphone Select-a-station Bridging - Each Four-Wire Port.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.6 <u>Hub Wire Centers</u>

A Hub Wire Center is a Telephone Company designated serving wire center at which bridging or multiplexing arrangements are provided. Bridging is used to connect three or more CDLs in a multipoint arrangement. The multiplexing arrangements channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

Although Hub Wire Centers are defined as serving wire centers at which bridging or multiplexing arrangements are performed, they are not limited to providing these functions and may provide any other types of Special Access services offered in this tariff. For example, the Telephone Company will designate certain Hub Wire Centers for Program Audio service offerings.

The Telephone Company will designate the Hub Wire Center locations. Different locations may be designated as Hub Wire Centers for different functions, such as bridging or multiplexing arrangements, for different facility capacities (e.g., multiplexing from digital to digital may occur at one wire center while multiplexing from digital to analog may occur at a different wire center). The location of Hub Wire Centers and the types of hubbing functions offered at that location are identified in the NECA Tariff FCC No. 4.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate,
- from higher to lower bandwidth,
- from digital to voice grade service.

The transmission performance for the end to end Special Access provided from CDLs will be that of the lower capacity or bit rate. For example, when a DS1 Special Access is multiplexed to voice frequency circuits, the transmission performance will be Voiceband, not High Capacity.

The Telephone Company will commence billing the monthly rate for the Special Access Line and Special Transport or Special Access Cross Connect charge for EIS arrangements, for the High Capacity facility to the Hub Wire Center as of the service date, even though individual services utilizing those facilities may not be installed until a later date. If the customer has designated the type of multiplexing to be provided with the High Capacity facility, the nonrecurring charge for the Multiplexing Arrangement will be billed to the same customer at that same time, and the billing for the monthly rate will begin.

Individual Special Access rates (by Special Access type) will apply for the Special Access Line and additional Special Transport facilities (if required) for each channelized Special Access. These will be billed to the customer specified on the ASR as each individual Special Access is installed. The appropriate application of rate elements is specified for shared use of a digital high capacity facility is provided for in 5.6.7.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.6 Hub Wire Centers (Cont'd)

A customer may order full-time and/or part-time Program Audio Services between two CDLs, or between a CDL and a Hub Wire Center, and will be billed accordingly at the rates set forth in Sections 5.7.3(A), 5.7.3(B), 5.7.3(C) and 5.7.3(D) following.

At the request of the customer, the full-time and/or part-time services provided to a Hub Wire Center may be connected together in the following configurations: full-time to full-time, full-time to part-time, or part-time to part-time.

The rates that apply for Program Audio Services between each CDL and the Hub Wire Center are Special Transport, if applicable, and Special Access Line. In addition, rates for Supplemental Features may be applicable.

5.6.7 Shared Use Analog and Digital High Capacity Services

Monthly charges for a DS1 or DS3 high capacity shared used facility will be apportioned between Switched and Special Access based on the relative proportion of channels used for switched and special access in the following manner.

If the facility is ordered as Special Access, rating as Special Access will continue until such time as a portion of the available capacity is used to provide Switched Access service. As individual channels are activated for Switched Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula:

 The total shared use charge is equal to the Monthly Switched Access Charge times the number of channels used for Switched Access divided by 24 for DS1 or 672 for DS3 plus the monthly Special Access Charge times the number of channels remaining for Special Access divided by 24 for DS1 or 672 for DS3

If the facility is ordered as Switched Access, rating as Switched Access will continue until such time as a portion of the available capacity is used to provide Special Access service. As individual channels are activated for Special Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the following formula:

 The total shared use charge is equal to the Monthly Special Access Charge times the number of channels used for Special Access divided by 24 for DS1 or 672 for DS3 plus the monthly Switched Access Charge times the number of channels remaining for Switched Access divided by 24 for DS1 or 672 for DS3.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.7 Shared Use Analog and Digital High Capacity Services (Cont'd)

The monthly Switched and Special Access rate used will be the appropriate rate (Special Access SAL, Transport, Multiplexer and/or Cross Connect Arrangement and Switched Access Entrance Facility, Direct-Trunked Transport, Multiplexer and/or Cross Connect Arrangement) for the underlying shared use facility, i.e., if the underlying facility is a Special Access DS3 service, the corresponding Switched Access DS3 Transport will be used to determine the Switched Access monthly charges.

5.6.8 (Reserved for Future Use)

5.6.9 Special Access Surcharge (USOC - S25)

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of interstate or foreign telecommunications, a surcharge of \$25.00 per service per month will be assessed to a two point Special Access Service, and to each additional Special Access Line when the service is configured as multipoint. The Special Access Surcharge will also be assessed upon Wideband Analog and High Capacity Digital on a voiceband equivalent basis. The voiceband equivalency for these type services is as follows:

- -High Capacity DS1 equates to 24 Voiceband Facilities
- -High Capacity DS1C equates to 48 Voiceband Facilities
- -High Capacity DS3 equates to 672 Voiceband Facilities
- -Wideband Group equates to 12 Voiceband Facilities
- -Wideband Supergroup equates to 60 Voiceband Facilities
- -Wideband Mastergroup equates to 600 Voiceband Facilities

The Special Access Service will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the termination is one of the following: (USOC - S25EX)

- (1) The open end termination (dial tone end) of a Foreign Central Office Line, Common Control Switching Arrangement (or equivalent) or Off Network Access Line (ONAL).
- (2) Any termination of an analog circuit used for radio or television program transmission.
- (3) Any termination of a line used for telex service.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.9 Special Access Surcharge (Cont'd)

- (4) Any termination of a line by nature of its operating characteristics and nature of connection could not make use of common lines.
- (5) Any line termination, other than (1) through (4) preceding, which is subject to the following charges: (a) Carrier Common Line, (b) End Office Switching, and (c) Switched Transport.
- (6) A termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the customer may file the surcharge exemption for the Special Access Service terminating on this equipment.

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the customer must report the intended use of all services when placing ASRs for Special Access Service. In addition, when ordering High Capacity Analog or Digital services, the customer must report the use for each voice equivalent circuit of the high capacity service. When any circuit is reported wholly used in any manner described in (1) through (6) preceding, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.

If, at any time after the installation of a service which is subject to the surcharge, the customer reports that the service is being used consistently with any exception listed above, the Telephone Company will credit the customer for the surcharge. Credit will not be given beyond the receipt date of the certification for exemption.

5.6.10 Message Station Equipment Recovery Charge (USOC - UTM)

Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment which is assigned to Special Access Service. Since there is zero cost assigned to Message Station Equipment Recovery in Special Access the charge is \$.00.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.11 DS3 High Capacity Service

(A) DS3 Rate Structure

Option 1: All DS3 SALs are non-distance sensitive.

Under a 3 System DS3, additional DS3 SALs, up to a maximum of two, may be ordered by the same customer, between the same CDL and serving wire center.

Option 2: (Individual DS3) This option provides individual DS3 service. Before confirming the ASR for this option, the Telephone Company will verify the availability of a DS3 interface at the CDL. If a DS3 interface can be made available with no physical change to the existing configuration at the CDL, the ASR will be confirmed and processed. If this condition is not met, the customer will be advised and no charge will be assessed for the unprocessed ASR. The customer may then cancel the ASR or submit a new ASR for one of the services available under Option 1.

A protected DS3 SAL provides a spare transmission path (transmit and receive) connected to an automatic protection switch. In the event of failure in the primary service, traffic will be automatically transferred to the spare transmission facilities. The spare transmission path will normally be provided on the same route as the primary path. When a customer orders a protected DS3 SAL, the customer may request that the spare transmission path be provided via an alternate route provisioned as the Telephone Company may elect. If common points for the primary and alternate route become necessary, these points will be identified by the Telephone Company and provided to the ordering customer. Should the routing arrangement require special routing requirements specified by the customer, other rates and regulations as set forth in Section 9 or Section 10 may be applicable.

A customer may order the same or different type of DS3 SALs for each CDL(s) at which DS3 service is terminated.

When a customer requests the disconnect of a DS3 service in the 3 System DS3, an Additional System DS3 SAL must be disconnected first. When only the First DS3 service exists, that service will be disconnected.

Any costs associated with Special Construction as set forth in Section 10 will apply.

DS3 Special Transport contains two rate elements, Special Transport Termination and Special Transport Facility. Special Transport Termination rates apply for the termination of each end of the interoffice facility. Special Transport Facility rates apply for each airline mile of the interoffice facility.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.11 DS3 High Capacity Service (Cont'd)

(B) (Reserved for Future Use)

(C) Minimum Service Periods

Individual DS3s and System DS3s are offered under four minimum service periods, each with different rate levels. The minimum service periods are 1, 3, 5 and 7 years. The customer must specify the minimum service period at the time the service is ordered. First and Additional DS3 SALs (3 System DS3s) can have a different minimum service period. However, each DS3 SAL of a two-point DS3 service must have the same minimum service period.

The customer may select a longer minimum service period at any time, without penalty or application of nonrecurring charges, to obtain the lower monthly recurring rates associated with a longer minimum service period. When the customer selects this option, they will receive full credit for the amount of time they were under the shorter minimum service period. For example, if a customer ordered a one year minimum service period, decided after six months to change to a three year minimum service period, he will have a remaining obligation period of 30 months. The new recurring charges will apply subsequent to the effective date of the new minimum service period.

(D) Expiration of Minimum Service Period

At the expiration of a minimum service period, the Telephone Company will continue to bill the customer for the same minimum service period rates unless the customer chooses to discontinue or converts to a different minimum service period.

When a customer retains DS3 service(s) for the duration of a minimum service period, the termination liabilities expire. As long as the customer makes no physical changes to the configuration of service(s), the customer will no longer be liable for early termination discontinuance charges regardless of the minimum service period rate level. Should a customer choose to disconnect a DS3 service having satisfied the minimum service period termination liabilities, the disconnect steps will still be applied as specified in 5.6.11(A).

(E) Discontinuance Without Liability - DS3 Minimum Service Period

Should the recurring charges for a customer's DS3 service increase, in aggregate, by more than 10% from the original recurring charges during the minimum service period, the customer may, at their option, terminate the DS3 service without penalty or liability.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.11 DS3 High Capacity Service (Cont'd)

(F) Discontinuance With Liability - DS3 Minimum Service Period

When a DS3 service is discontinued prior to the end of the minimum service period, the customer will be liable for a percentage of the total monthly charges for the remaining portion of the minimum service period. This charge will be based on the rates in effect at the time of disconnect. The customer's total liability is dependant upon the number of months remaining within the year that the service is discontinued times the liability rate for that year plus the total monthly charges for each annual period remaining in the minimum service period times the applicable liability rate. The liability rates for each year of the minimum service period are as follows:

Year In Which Service <u>Is Discontinued</u>	Liability <u>Rate</u>
1	50%
2	35%
3	30%
4	25%
5	20%
6	15%
7	10%

For example. if a customer with a seven year minimum service period discontinues DS3 service after six months within the 4th year, the customer will be liable for 25% of the total monthly charges for six months, 20% of the total monthly charges for the 5th year, 15% of the total monthly charges for the 6th year and 10% of the total monthly charges for the 7th year.

Customer liability will be calculated as previously stated but will be limited to:

The dollar difference between 1) the amount the customer has already paid and, 2) any additional charges that the customer would have paid for service if the customer had taken a shorter term offering corresponding to the term actually used, plus interest.

For example, if a customer with a seven year minimum service period discontinues service six months after the end of the third year, the customer liability will not exceed:

[(Three year monthly rate - Seven year monthly rate) x 42 months] x (1 + Interest Rate)

Interest will be calculated at the rate used by the Internal Revenue Service (IRS) for tax refunds, adjusted to reflect changes in the interest rate during the service period and will apply to the balances due as they would have accrued over time.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.11 DS3 High Capacity Service (Cont'd)

(G) Notification of Discontinuance

Notice of discontinuance must be given by the customer at least thirty days prior to actual discontinuance. Monthly charges will apply for a period of thirty days from the date the Company receives discontinuance notification or until the requested discontinuance date, whichever period is longer.

- (H) (Reserved for Future Use)
- (I) (Reserved for Future Use)
- (J) (Reserved for Future Use)
- (K) (Reserved for Future Use)
- (L) DS3 Multiplexer Cross Connect Arrangement

For DS3 multiplexed services, the DS3 Multiplexer Cross Connect arrangement allows a customer to cross connect digital DS1 channels from one multiplexer to another multiplexer. The rate as specified in 5.7.15 will apply per cross connect arrangement. If the DS3 multiplexed services are located in different hub wire centers, DS1 special transport will apply in addition to the DS1 cross connect charge. The customer must provide the channel assignments (CFA and SCFA) for both multiplexed services on the ASR.

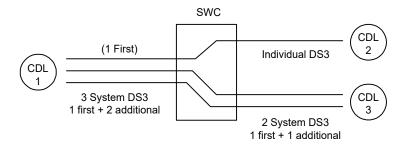
5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.11 DS3 High Capacity Service (Cont'd)

(M) Partitioned Billing Arrangement (PBA)

PBA is a service arrangement that allows 3 System DS3 customers to partition the multiple DS3s to a number of CDLs on the other end of the circuit (see diagram below). All rate elements associated with the PBA must be billed to the same customer.



For 3 System DS3s ordered under a PBA, each CDL must have a first system SAL. Additional SALs may then be ordered under the normal System terms and conditions.

All DS3 Special Transport Terminations apply for each type of DS3 Special Transport.

When ordering a PBA the customer must specify on the ASR the Access Service Group (ASG) and the First System DS3 circuit identification (ECCKT) at both CDLs. Each 3 System DS3 at a CDL must be ordered as separate PBAs.

Customers with an existing 3 System DS3 may convert to a PBA. To convert, the customer must issue discontinuance of service ASR(s) for the existing DS3s and establishment of new service ASR(s) for each CDL to be converted to the PBA. If no physical changes to the service(s) are required, no NRCs apply. If any physical changes are required, appropriate NRCs will apply.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP)

(A) General

- (1) The terms and conditions specified herein are applicable to DS1 services. Additional terms and conditions for DS1 OPP are set forth in 5.6.12(H).
- (2) Only the Special Access Line (SAL) rate element is available under an OPP. All other associated rate elements or additional features are available at the standard month-to-month tariffed rates and regulations.
- (3) DS1 OPP SAL rates will not be greater than standard month-to-month SAL rates.
- (4) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP will flow through to the three year and five year OPP.
- (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 5.7.7(C) regardless of when they subscribe to an OPP arrangement.
- (6) The customer must designate on the ASR the payment period for the OPP.
- (7) Inside moves, provided in accordance with 5.6.4, will not incur termination liability charges.
- (8) Outside moves provided in accordance with 5.6.4(B)(2) will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.

(B) Changes in Length of OPP Period

Prior to the completion of the selected OPP period, the customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions:

- -No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- -Nonrecurring charges will not be reapplied for existing service(s).
- -If the new OPP period is shorter in length than the time remaining under the existing OPP, the change to the new OPP period constitutes a disconnect of the existing OPP service and termination liability charges apply.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP) (Cont'd)

(C) Renewal Options

- (1) At the expiration of an OPP period, the Telephone Company will automatically renew the service at the same OPP period unless the customer chooses to convert to a different OPP period, convert to month-to-month rates or discontinue service.
- (2) Conversion to a different OPP period will require the customer to submit a change order ASR. Conversion to a different OPP period will be allowed without application of any nonrecurring or ordering charges.
- (3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. If no other changes are ordered, no NRCs will apply.

(D) Notification of Discontinuance

An ASR for discontinuance of an OPP arrangement must be received by the Telephone Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Telephone Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(E) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during an OPP period, subject to the following conditions:

- -The upgraded service will be subject to all appropriate nonrecurring charges.
- -Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) or meets the requirements set forth in 5.6.4(B)(2).
- -If the upgrade involves establishing a multiplexing arrangement, termination liability charges will not apply if the hub wire center is the same one associated with the customer designated location.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP) (Cont'd)

(F) <u>Termination Liability</u>

When an OPP service is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the OPP period in effect at the time of disconnect.

One Year OPP - 50% of any remaining portion of the first year's recurring charges.

<u>Three Year OPP</u> - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period.

<u>Five Year OPP</u> - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 20% of the total monthly recurring charges in that time period.

Customer liability will be calculated as previously stated but will be limited to:

The dollar difference between 1) the amount the customer has already paid and, 2) any additional charges that the customer would have paid for service if the customer had taken a shorter term offering corresponding to the term actually used, plus interest.

For example, if a customer with a five year OPP discontinues service six months after the end of the third year, the customer liability will not exceed:

[(Three year monthly rate - Five year monthly rate) x 42 months] x (1 + Interest Rate)

Interest will be calculated at the rate used by the Internal Revenue Service (IRS) for tax refunds, will be adjusted to reflect changes in the prime rate during the service period and will apply to the balances due as they would have accrued over time.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP) (Cont'd)

(G) Termination Without Liability

During an OPP period, should the currently effective rate for a customer's service increase, the customer may, at their option, terminate the OPP arrangement without penalty or liability.

(H) OPP for DS1 Service

- (1) The terms and conditions of this OPP arrangement apply in addition to the above terms and conditions.
- (2) When a customer elects to participate in an OPP arrangement for DS1 service, only the "First System" DS1 SAL rate element is subject to the OPP terms and conditions.
- (3) Ordering and rating of DS1 service under an OPP arrangement is subject to the following conditions:
 - A "First System" DS1 OPP SAL must be assessed at a CDL before any "Additional System" DS1 SALs can be assessed.
 - Under an OPP arrangement, the same customer can order additional DS1 services at any time subsequent to establishing a "First System" DS1 OPP.
 - Under an OPP arrangement, the same customer can order DS1 services from its CDL to different terminating CDLs. The customer will be rated a "First System" DS1 OPP SAL for the first DS1 service at a CDL and the same customer will be rated an "Additional System" DS1 SAL for additional DS1 services at the same CDL. In this arrangement, each DS1 service will be rated based on a "First or Additional System" basis at each CDL.
 - The installation charge associated with DS1 services ordered under an OPP are set forth in Section 5.6.1(D)(3)(b).
 - When DS1 service is ordered between two CDLs and each SAL is rated as "First System" DS1 OPP SALs, the same payment period will apply to both SALs.
 - When ordering "Additional System" DS1 SALs, the customer will be required to provide remarks on the ASR necessary for the Telephone Company to complete the order. The ASR must specify the same customers "First System" DS1 OPP circuit identification (ECCKT) and access service group (ASG) at each CDL in order for the "Additional System" DS1 SAL rate to apply.

- 5. SPECIAL ACCESS (Cont'd)
 - 5.6 Rate Regulations (Cont'd)
 - 5.6.12 Optional Payment Plan (OPP) (Cont'd)
 - (H) OPP for DS1 Service (Cont'd)
 - (4) Should it become necessary for the customer to convert an "Additional System" DS1 SAL existing under an OPP arrangement to a "First System" DS1 OPP SAL to meet the rating requirement, the following ordering conditions and charges will apply. Credit will not be given for the time in service associated with the discontinued "First System" DS1 OPP SAL(s).
 - A change order ASR is required when the conversion is to a "First System" DS1 OPP period equal to or greater than the discontinued DS1 OPP period and remains connected at the same CDL. A discontinuance of service ASR and establishment of new service ASR will be required to convert the "Additional System" DS1 SAL to a "First System" DS1 OPP SAL when the conversion is to a "First System" DS1 OPP period that is less than the discontinued DS1 OPP period and remains connected at the same CDL. No NRCs will apply.
 - Both ends of the converted DS1 circuit must have the same payment period; however, termination liability charges will not apply to convert existing SALs.
 - (5) Upon expiration of an OPP, should the customer choose to convert to month-to-month rates, existing "Additional System" DS1 SALs under the customer's OPP arrangement must also be converted to comply with the rules and regulations set forth in 5.6.1(D)(3). The customer will be required to submit ASRs to a disconnect existing service and establish new service. If no other changes are ordered, no charges will apply for the conversion. The ordering and installation of further "Additional System" DS1 services will be subject to the standard month-to-month arrangements.
 - (6) For conversion of existing month-to-month DS1 service(s) to an OPP arrangement, the customer will be required to submit a change order ASR to convert to the OPP. No service or billing interruption will occur when a customer converts from month-to-month rates to an OPP. If no other changes to the service(s) are ordered, no charges will apply.
 - (7) (Reserved for Future Use)
 - (I) (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

- 5.6 Rate Regulations (Cont'd)
 - 5.6.13 (Reserved for Future Use)
 - 5.6.14 (Reserved for Future Use)
 - 5.6.15 (Reserved for Future Use)
 - 5.6.16 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges

5.7.1 Nonrecurring Charges

Special Access Ordering Charges

Design Change <u>Per ASR/Per Occurrence</u> (H28) (H28-L)(1)

\$38.18

5.7.2 Voiceband Facilities

(A) Standard Arrangements

	Special Transport		Special Access Line	
	(Per Airline Mile)	Nonrecurring	Two-Wire	Four-Wire
	Monthly Rate	<u>Charge</u>	Monthly Rate	Monthly Rate
(USOC)	(1LFSX)	(NEUC2X-L)(1)	(EUC2X)	(EUC4X)
	(1LF2X)(1)		(1XC2X)	(1XC4X)
			(X2W)	(X4W)
			(EUC2X-L)(1)	(EUC4X-L)(1)
	\$4.50 (CR)	\$200.00 (CR)	\$30.00 (CR)	\$48.00

(1) GSEC to be used for end user billing.

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.2 <u>Voiceband Facilities</u> (Cont'd)

(B)	Optional Arrangements	Nonrecurring Charge(1)	LISOC	Monthly
	Multipoint Data Bridging (per port)	<u>Charge(1)</u>	USOC B5NDJ B5NDJ-L(2)	<u>Rate</u> \$ 9.73
	Voice Conference Bridging (per port)		B5NVJ B5NVJ-L(2)	10.05
	Alarm Distribution Bridging Common Equipment		BCNTA	30.00
	Per Two-Wire Port		BCNTA-L(2) CNLRX	4.42
	Conditioning Arrangement - Data		CNLRX-L(2)	
	Type C		X1CPT X1CPT-L(2)	3.15
	Type DA		XDCPT XDCPT-L(2)	2.99
	Type C - Improved		UHY/UHW/XCE/ UHY-L/UHW-L(2 XCECM-L(2)	
	Signaling Arrangement		ACECIVI-L(2)	
	Loop Signaling Range Extension, per SAL		OSA L(2)	10.00
	Loop or E&M to SF, per SAL		OSA-L(2) OSB OSB-L(2)	16.00
	E&M to DX, per SAL		OSC OSC-L(2)	14.00
	E&M to Loop, per SAL		OSD OSD-L(2)	12.00
	Loop or E&M to PCM, per SAL		OSN OSN-L(2)	10.54
	Automatic Ringdown, per SAL		XSSLR XSSLR-L(2)	10.00
	Echo Control Echo Suppression, per circuit		OE1	30.00
	Ecro Suppression, per circuit		OE1-L(2)	30.00
	Echo Canceler, per circuit		ORJ ORJ-L(2)	85.00
	Voiceband Facility Switching Arrangement		UST UST-L(2)	11.02
	Improved Return Loss, per SAL		1RL 1RL-L(2)	3.75
	Improved Termination Option, per SAL		X4T X4T-L(2)	10.00
	Improved Equal Level Echo Path Loss, per S	SAL ORP	ORP-L(2)	3.75

⁽¹⁾ See 5.6.1(D)(2).

⁽²⁾ GSEC to be used for end user billing.

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.3 Program Audio Facilities

	<u>M</u>	Special 7 (Per Airlin Monthly Rate (1LFSX)	<u>Fransport</u> ne Mile) <u>Daily Rate</u> (1LFSX)	<u>Special</u> Nonrecurring <u>Charge</u>	Access Line Monthly Rate (EUCXX) (LCH)	Daily <u>Rate</u> (EUCXX) (LCH)
Staı	ndard Arrange	ments			(LOII)	(LOII)
(A)	200-3500 Hz	\$4.70	\$0.47 (CR)	\$200.00 (CR)	\$30.00	\$3.00
(B)	100-5000 Hz	9.00	0.90 (CR)	200.00 (CR)	41.00	4.10
(C)	50-8000 Hz	14.45	1.45 (CR)	200.00 (CR)	42.00	4.20
(D)	50-15000 Hz	21.66	2.17 (CR)	200.00 (CR)	43.00	4.30
(E) Optional Arrangements - (50-15000 Hz Facilitie)-15000 Hz Facilities	s only)			
				Nonrecurring Charge(1)	Monthly <u>Rate</u>	Daily <u>Rate</u>
(F)	Stereo Con per occu	g Program Aud ditioning,			\$15.81 (XCS)	\$1.58 (XCS)
Supplemental Features:						
	Program Au	dio Bridging, p	er port		\$10.84 (BCNPT)	\$1.08 (BCNPT)
	Conditioning Zero Loss, p	g Program Aud oer SAL	io -		\$15.81 (XZB)	\$1.58 (XZB)

5.7.4 (Reserved for Future Use)

(1) See 5.6.1(D)(2).

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.5 <u>Digital Data Service Facilities</u> (2.4, 4.8, 9.6, 19.2, 56, 64 Kbps)

(A) Standard Arrangements

		Special Transport All Speeds (Per Airline Mile) Monthly Rate (1LFSX) \$4.50	All Speeds Nonrecurring <u>Charge</u> (NRBDD) \$250.00	Special Acc 2.4, 4.8, 9.6, 19.2 KI Monthly Ra (EUCXX (LCH) \$68.00	ops 56, 64 Kbps ate Monthly Rate	
	(B)	Optional Arrangements		<u>USOC</u>	Nonrecurring Charge(1)	Monthly Rate
		Supplemental Features DDS Bridging (Per Port) Secondary Channel		BCNDA SCA24 SCA48 SCA96 SCA56	<u>Ondigo(1)</u>	\$11.00 7.00
5.7.6	Mult	tiplexing Arrangements				
	DS1	to Voice		(MQ1)	Nonrecurring <u>Charge</u> \$ 800.00 (CR)	Monthly <u>Rate</u> \$190.00
	DS3	3 to DS1		(MQJ++)	450.00	490.00
	_	tal Data Carrier ıltiplexer		(MQ3) (QMU)	1,500.00	550.00
		tal Data Subrate ıltiplexer				
		One DS0 Port to Twenty 2.4 kbps		(QSU24)	800.00	160.00
		One DS0 Port to Ten			800.00	120.00

(QSU48)

(QSU96)

800.00

100.00

(1) See 5.6.1(D)(2)

4.8 kbps

9.6 kbps

One DS0 Port to Five

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.7 High Capacity Digital DS1 (1.544 Mbps) Facilities

(A) Standard Arrangements

Special Access Line

First Sy Nonrecurring <u>Charge</u> NEUW-L(1)	stem Monthly <u>Rate</u> (EUW) (1XCDX) (EUW-L)(1)	Each Additiona Nonrecurring <u>Charge</u> (NEU8-L)(1)	Monthly Rate (EU8) (1XCAX) (EU4EX) (1CKEX) (EU8-L)(1)
\$900.00	\$254.00	\$254.00	\$254.00
Special Transport Termin Monthly Rate (TRG) (TRGDS1-L)(1)	nation	Special Transport (Per Airline Monthly Rate (1LFSX) (1LFDS1-L)(1)	Mile)
\$ 30.00		\$ 15.00	

(B) Optional Arrangements

Supplemental Features
Automatic Protection Switching

 Nonrecurring
 Monthly

 <u>Charge</u>
 <u>Rate</u>

 (NAPP-L)(1)
 (APP)

 (APP-L)(1)
 (APP-L)(1)

\$700.00 \$100.00

- 5. SPECIAL ACCESS (Cont'd)
 - 5.7 Rates and Charges (Cont'd)
 - 5.7.7 High Capacity Digital DS1 (1.544 Mbps) Facilities (Cont'd)
 - (C) DS1 Optional Payment Plan

"First System" DS1 Special Access Line

One Year	Three Year	Five Year
Monthly Rate	<u>Monthly Rate</u>	Monthly Rate
(EU4CX)	(EU4AX)	(EU4BX)
(1CKCX)	(1CKAX)	(1CKBX)
\$250.00	\$210.00	\$175.00 (CR)

- 5.7.8 (Reserved for Future Use)
- 5.7.9 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.10 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System

(A) Protected DS3 - Electrical Interface

	Nonrecurring <u>Charge</u>	One Year Monthly <u>Rate</u>	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>	Seven Year Monthly <u>Rate</u>
First Special					
Access Line	\$2,500.00	\$3,800.00 (EU4PF) (1CKPF)	\$2,700.00 (EU4PF) (1CKPF)	\$2,400.00 (EU4PF) (1CKPF)	\$2,250.00 (EU4PF) (1CKPF)
Each Additional Special Access Line - Maximum					
of 2	400.00	500.00 (EU4SX) (1CKSX)	400.00 (EU4SX) (1CKSX)	300.00 (EU4SX) (1CKSX)	200.00 (EU4SX) (1CKSX)

5.7.11 (Reserved for Future Use)

5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Individual System

(A) Protected DS3 Individual - Electrical Interface

Each Special					
Access Line	900.00	900.00	700.00	650.00	610.00
		(EU4PF)	(EU4PF)	(EU4PF)	(EU4PF)
		(1CKPF)	(1CKPF)	(1CKPF)	(1CKPF)

5.7.13 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Special Transport

		<u>USOC</u>	Monthly Rate
(A)	DS3 Special Transport Terminations 3 System, Individual Transport Per Termination	TRG	\$300.00
(B)	DS3 Special Transport Facilities 3 System, Individual Transport Per DS3, Per Airline Mile	1LFSX	60.00
5.7.15	DS3 Multiplexer Cross Connect Arrangement, per Arrangement	CX911	65.00
5.7.16 (Re	eserved for Future Use)		
5.7.17 (Re	eserved for Future Use)		
5.7.18 (Re	eserved for Future Use)		
5.7.19 (Re	eserved for Future Use)		

5. SPECIAL ACCESS (Cont'd)

5.8 <u>Miscellaneous Special Access Services</u>

- 5.8.1 (Reserved for Future Use)
- 5.8.2 (Reserved for Future Use)
- 5.8.3 (Reserved for Future Use)
- 5.8.4 (Reserved for Future Use)
- 5.8.5 Clear Channel Capability (USOC CCO)

(A) Description of Service

An arrangement that allows the customer to transport 1.536 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) method of providing bit sequence independence. This arrangement is capable of transporting DS1 signals which utilize Superframe or Extended Superframe Format (ESF) as defined by the American National Standards Institute (ANSI) T1.107-1988 standard. The installation interval for Clear Channel Capability may exceed standard intervals where equipment in the central office is not readily available. The charges apply on a per SAL basis. Clear Channel Capability for DS1 is provided under Section 11.8(F) to the Federal Government.

This arrangement requires the customer signal at the channel interface to conform to the B8ZS method of providing bit sequence independence, as described in ANSI T1.102-1987 and Section 6103 of the GTE Technical Interface Reference Manual.

(B) <u>Rates</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u> (CCO)
	\$90.00	\$24.00

- 5.8.6 (Reserved for Future Use)
- 5.8.7 (Reserved for Future Use)
- 5.8.8 (Reserved for Future Use)
- 5.8.9 (Reserved for Future Use)
- 5.8.10 (Reserved for Future Use)
- 5.9 Individual Case Basis Rates and Charges
- 5.10 (Reserved for Future Use)

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6. MISCELLANEOUS SERVICES

6.1 General

Miscellaneous Services available to the customer include the following:

- (A) Additional Labor (i.e., Overtime Installation, Overtime Repair, Additional Installation Testing, Standby, Testing and Maintenance with other Telephone Companies)
- (B) Maintenance of Service
- (C) Telecommunications Service Priority (TSP) System
- (D) Additional Testing
- (E) Balloting and Allocation Process for Equal Access
- (F) End User Lists

These services are described in detail as set forth in 6.2 through 6.8 following.

6. MISCELLANEOUS SERVICES (Cont'd)

6.2 Additional Labor

Additional Labor is that labor requested by the customer on a given FSA and agreed to by the Telephone Company as set forth in (A) through (E) following. The Telephone Company will notify the customer that Additional Labor charges as set forth in (G) following will apply before any Additional Labor is undertaken. Additional Labor charges will also apply if the requirement for the Additional Labor is the fault of the customer or parties on whose behalf it acts.

(A) Overtime Installation (USOC - ALH)

Overtime installation is that Telephone Company installation effort outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Telephone Company approved holidays.

(B) Overtime Repair (USOC - ALH)

Overtime repair is Telephone Company repair which could have been performed during the normal business day, but that is delayed at the specific request of the customer to a later time period which is outside the normal business day or to a weekend day or holiday. The request will result in the application of overtime rates anytime outside the business day and all day Saturday. Premium time rates will apply on Sunday and Telephone Company approved holidays. These rates, as set forth in Section 6.2 following, will only apply when there is a delay of repair at the request of the customer to the time periods stated above.

(C) Additional Installation Testing (USOC - ALH)

Additional installation testing is that testing performed by the Telephone Company at the time of installation which is in addition to normal pre-service and acceptance testing.

(D) Standby (USOC - ALT)

Standby includes all time in excess of one-half (1/2) hour during which Telephone Company personnel are available to make coordinated tests on a given FSA. The standby charge applies only when Telephone Company personnel must wait more than 30 minutes beyond a prearranged, mutually agreed appointment time. Standby charges will cease when testing begins, or when Telephone Company personnel are released from the standby requirement, or when testing is rescheduled for a later date or time. Charges will not be applicable if Telephone Company personnel cause the delay.

(E) Testing and Maintenance with Other Telephone Companies (USOC - ALK)

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

(F) (Reserved for Future Use)

6. MISCELLANEOUS SERVICES (Cont'd)

6.2 Additional Labor (Cont'd)

(G) Charges for Additional Labor

Labor Periods

Basic Time, Business Day, Per Technician				
First Half Hour	Each Additional Half Hour			
or Fraction Thereof	or Fraction Thereof			
(UBCXT)	(UBCXT)			
(USMXT)	(USMXT)			
(USSXT)	(USSXT)			
(SNTXT)	(SNTXT)			
(SNOXT)	(SNOXT)			
(ALH)	(ALH)			
(ALT)	(ALT)			
(ALK)	(ALK)			
\$32.07	\$16.13			

Labor Periods

Overtime, Outside the Business Day, Per Technician					
First Half Hour	Each Additional Half Hour				
or Fraction Thereof	or Fraction Thereof				
(UBCOT)	(UBCOT)				
(USMOT)	(USMOT)				
(USSOT)	(USSOT)				
(SNTOT)	(SNTOT)				
(SNOOT)	(SNOOT)				
(ALH)	(ALH)				
(ALT)	(ALT)				
(ALK)	(ALK)				
\$35.13	\$19.19				

Labor Periods

<u> Laber i circae</u>					
Premium Time, Outside the Business Day, Per Technician					
Each Additional Half Hour					
or Fraction Thereof					
(UBCPT)					
(USMPT)					
(USSPT)					
(SNTPT)					
(SNOPT)					
(ALH)					
(ALT)					
(ALK)					
\$25.31					

^{*} A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES (Cont'd)

- 6.3 Maintenance of Service Charge (USOC MVV)
 - (A) When a customer reports trouble to the Telephone Company for clearance, the customer shall be responsible for payment of a Maintenance of Service Charge when Telephone Company personnel are dispatched to the customer's location and no trouble is found in the Telephone Company's facilities. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.
 - In this case, or in (B) following, no credit allowance will be applicable for the interruption involved, unless the trouble is found in the Telephone Company's facilities.
 - (B) The customer shall be responsible for payment of a Maintenance of Service Charge when the Telephone Company dispatches personnel to the customer's location and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.
 - (C) The Maintenance of Service Charge time period will begin when Telephone Company personnel are dispatched. This will only include the actual time required to reach the customer's location and perform an investigation. The time period will end when the investigation is finished. The labor charge as set forth in 6.2 (G) will apply to Maintenance of Service at the appropriate Basic, Overtime or Premium rate. These charges apply whether the trouble is in the equipment of communications systems provided by other than the Telephone Company, or in detariffed CPE provided by the Telephone Company.

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System

(A) Description of the Service

The TSP System is a service that provides for the priority provisioning and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services. The TSP System applies only to NSEP services, includes both Switched and Special FSA and provides the Telephone Company with a guide to the sequence in which services are to be provisioned and/or restored.

The Telephone Company currently has Special Access circuits classified as RP (Restoration Priority). These facilities were offered under part 64.401, Subpart D, Appendix A of the FCC Rules and Regulations prior to the revisions released November 17, 1988 under GEN. Docket No. 87-505 (FCC 88-341).

All FSA that can be identified by a unique circuit identifier can be provisioned for NSEP service by the Telephone Company.

The rates and charges associated with a customer subscribing to the TSP System are as specified in Section 6.4(G).

(B) Obtaining TSP System Service

The Executive Office of the President through the TSP Program Office, is empowered with the authority to receive, evaluate and process requests for NSEP services. The TSP Program Office makes the priority level assignments and issues the TSP authorization code reflecting the priority assignment associated with a request. The customer provides the TSP authorization code, in addition to all the other details necessary to complete the order (ASR) to the Telephone Company to obtain TSP System service.

The TSP authorization code, assigned on a per ASR basis, consists of a 12-character field consisting of a nine-character control ID followed by a dash and a two-character field specifying the priority level assignment. Its structure is as follows:

TSPxxxxxn-yy

The "x"s represent a sequence of numbers unique to each TSP authorization code and the "n" is a one character alphanumeric check digit. The first "y" contains the provisioning priority level assignment and the second "y" contains the restoration priority level assignment.

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System (Cont'd)

(C) Provisioning Priority

If the customer requires service within a shorter time interval than the Telephone Company can provide, and the requested service qualifies for NSEP, the customer may elect to invoke NSEP Treatment and obtain the appropriate provisioning priority assignment from the TSP Program Office. Acceptable assignment code values are: E, 1, 2, 3, 4, 5 or 0.

The assignment of the value "E" denotes Emergency Provisioning and implies the service has the most critical provisioning requirements and the Telephone Company will respond accordingly. The Telephone Company will take immediate action to provide the requested service at the earliest possible date. Rates and charges associated with "E" provisioning are as specified in Section 6.4(G)(2)(a).

The assignment values of 1, 2, 3, 4 and 5 are treated as essential service priorities and the Company will adjust its available resources to meet the customer's requested due date. Rates and charges associated with invoking this priority treatment are specified in Section 6.4(G)(2)(b). The value "0" implies no provisioning priority.

(D) Restoration Priority

A TSP authorization code for restoration priority classifies the service as being among the nation's most important NSEP telecommunications services. The Company will restore these services before services without restoration priority assignments in the order of priority assignments. Acceptable values are: 1, 2, 3, 4, 5 or 0 with the value "1" being the highest priority.

When the Company recognizes a TSP as being out of service, unusable or receives a trouble report, available resources will be dispatched to restore the service as quickly as practicable. A priority value of 1, 2 or 3 requires dispatch outside normal business hours if necessary to restore the service. A priority value of 4 or 5 only requires dispatch outside of normal business hours if the next business day is more than 24 hours away. If the value "0" has been assigned, then no restoration priority is applicable to this service.

The minimum period for service is one month.

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System (Cont'd)

(E) Obligations of the Customer

- In all instances, the customer is responsible for obtaining the appropriate TSP authorization code and providing that code to the Telephone Company.
- (2) The TSP System service customer must also be the customer for the FSA with which TSP service is associated. Only the customer or its authorized agent as indicated in a letter of agency on file with the Telephone Company is allowed to order TSP System service.
- (3) All points of a multipoint service configuration must have the same restoration priority assignment and must satisfy the requirements of that assignment.
- (4) In obtaining TSP System service, the customer consents to the release of certain information by the Telephone Company to the federal government in order to maintain and administer the TSP System. Such information includes: the customer's name, telephone number and mailing address, the TSP authorization code and the circuit or service ID number associated with the NSEP service.
- (5) The Telephone Company will attempt to notify the customer of expected charges. The customer when invoking NSEP Treatment, recognizes that quoting charges and obtaining permission beforehand may not be practicable and may cause unnecessary delays and, as a result, grants the Telephone Company the right to quote and bill charges after provisioning of the service.
- (6) During certain emergencies, the customer may request TSP assignments verbally and the Telephone Company will accept such verbal notification. The customer must submit a written order (ASR) to the Telephone Company within two working days following the verbal request. If the written order (ASR) is not received within two working days, all applicable rates and charges accumulated to date to provision TSP System service, become immediately due and payable and the requested TSP priority is revoked.
- (7) The customer must request and justify revalidation of all priority level assignments at least every three years.
- (8) Additionally, the NCS Manual 3-1-1, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990 prescribes specific conditions which warrant NSEP Treatment and related procedures.

(F) Obligations of the Telephone Company

- (1) The Telephone Company will allocate resources to ensure best efforts to provide NSEP services by the time required.
- (2) The Telephone Company will work TSP System services in the order of their priority level assignments. The priority sequence is as follows:
 - Restore NSEP services assigned restoration priority 1
 - Provision Emergency (E) NSEP services
 - Restore NSEP services assigned restoration priority 2, 3, 4 or 5
 - Provision NSEP services assigned provisioning priority 1, 2, 3, 4 or 5.

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System (Cont'd)

(F) Obligations of the Telephone Company (Cont'd)

- (3) The Telephone Company will work cooperatively with other providers of NSEP service when only a portion is provided by the Telephone Company to ensure "end-to-end" service.
- (4) Additionally, TSP System service will be provided in accordance with the guidelines set forth in NCS Handbook 3-1-2, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" dated July 9, 1990.

(G) Rates and Charges

The following rates and charges are in addition to all other rates and charges that may apply for other services offered under this tariff which operate in conjunction with the TSP System.

(1) Establishment of TSP System Service

The establishment of TSP System service charge is a nonrecurring charge (NRC) specified in Section 6.4(G)(4) which applies when a FSA is ordered with provisioning and/or restoration priority. If both are ordered at the same time, only one NRC is applicable. The NRC is also applicable for orders changing priority levels.

(2) Provisioning Priority

There are two basic levels of priority provisioning, Emergency (provisioning priority "E") and Essential (provisioning priority 1, 2, 3, 4 or 5).

(a) Emergency Provisioning

The Telephone company will take immediate action to provide the requested service at the earliest possible date. The rates and charges will apply as set forth in Section 10, Special Construction.

(b) Essential Provisioning

The Telephone Company will adjust its available resources to meet the customers requested due date. The rates and charges will apply as set forth in Section 3.2.2(E).

(3) Restoration Priority

Restoration Priority is a monthly rate per circuit for the ongoing administration and maintenance of the TSP System. This monthly rate only applies when a restoration priority code (1, 2, 3, 4 or 5) is specified in position 12 of the authorization code. The rates are specified in Section 6.4(G)(5).

6. MISCELLANEOUS SERVICES (Cont'd)

- 6.4 Telecommunications Service Priority (TSP) System (Cont'd)
 - (G) Rates and Charges (Cont'd)
 - (4) Establishment of TSP System Service Charge

Nonrecurring Charge
Per Circuit
(P1APX)(PR5PX)(PR8PX)
(P1ASX)(PR5SX)(PR8SX)
\$14.50

(5) Restoration Priority Rates

Monthly Rate
Per Circuit
(PR9PX)
(PR9SX)
\$4.90

6.5 Presubscription

When IntraLATA equal access is made available in an end office at sometime after the end office has converted to interLATA equal access, the balloting and allocation process for the intraLATA IPIC will not apply.

Because Windstream is 100% equal access at the time of this filing, there is no balloting or allocation language contained in the intraLATA section.

A single line end user must select only one IC as a primary IC. Multiline end users or agents and multiline hunt group end users have two options in selecting a primary IC. Under option one an end user may select one IC for all its lines. Under option two, an end user may indicate a desire to designate specific lines to different ICs.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Presubscription (Cont'd)

6.5.1 Interexchange Carrier Customer Lists

The Telephone Company will accept IC and LEC Customer lists identifying end users who have made individual arrangements with the IC or LEC to designate the IC or LEC as their primary long distance carrier. The list should be in the form of magnetic tape or paper printout.

6.5.2 End User Choice Discrepancy

An IC or LEC is required to certify at the time it submits end user lists to the Telephone Company that it has on file, or has instituted steps designed to obtain signed letters of agency or confirmations of choice from the end user. The IC or LEC is not required to submit letters of agency when submitting end user lists to the Telephone Company, but should maintain the confirmations or letters on file for use in dispute resolution. The IC or LEC should request written confirmation of choice from its customers no later than the date of submission of its first bill to the customer.

When an end user indicates more than one PIC or IPIC per line the Telephone Company will contact the end user for clarification.

When the Telephone Company identifies a conflict between lists submitted by two or more ICs and/or LECs, the Telephone Company will notify, within 10 days, all affected ICs and LECs via a conflict report. Those ICs and LECs not involved in any conflicts will receive a zero conflict report from the Telephone Company.

6.5.3 PIC and IPIC Charge Application

Initial end user, end user agent or a local service provider that resells services (herein referred to as a reseller) selection of an IPIC will not incur a charge. Notification of a change in an IPIC may be coordinated by the end user, end user agent or reseller with either the IC or LEC selected or with the Telephone Company, if it is not the selected LEC. When both the interLATA PIC and the intraLATA IPIC change to the same carrier on a single order, the PIC change charge, and 50% of the IPIC change charge will apply.

The Telephone Company will make post conversion changes in the end user's, end user agent's or reseller's PIC or IPIC assignment pursuant to an IC or LEC provided list of customers, accepted by the Telephone Company under conditions in 6.5.1 and 6.5.2. Should an end user, end user agent or reseller dispute authorization of the change within 90 days of the PIC or IPIC assignment, and if the carrier cannot produce a letter of agency or confirmation from the end user, end user agent or reseller, the Telephone Company will place the end user, end user agent or reseller on the previous carrier network where possible and the carrier will be billed according to the following options:

(A) If the IC or LEC has previously submitted a letter requesting the Telephone Company to settle end user, end user agent or reseller disputes without investigation, the carrier will be charged two PIC or IPIC change charges, in 6.5.8. One PIC or IPIC change charge is for the change to the disputed carrier and one is for placing the end user, end user agent or reseller on his previous carrier network or the carrier network of his choice. By virtue of the carrier's letter requesting no investigation, the Telephone Company will perform no investigation and will not accept nor request at a later date any letter of authorization regarding an end user's, end user's agent or reseller's disputed PIC or IPIC assignment. This option also does not relieve the IC or LEC of the conditions in 6.5.1 and 6.5.2.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Presubscription (Cont'd)

6.5.3 PIC and IPIC Charge Application (Cont'd)

(B) If the IC or LEC does request in writing that end user, end user agent or reseller PIC or IPIC disputes be resolved with investigation as in (1) preceding, the carrier will be billed one Unauthorized PIC or IPIC charge, in 6.5.8 (B), the change to the disputed carrier and one PIC or IPIC change charge, in 6.5.8 (A), for placing the end user, end user agent or reseller on the carrier network of his choice.

If, under (B), the carrier produces the letter of agency or confirmation of choice within 30 days of the Telephone Company request, the end user, end user agent or reseller will be billed two PIC or IPIC charges in 6.5.12 in lieu of charges to the carrier. Charges are only applicable if a change in an end user's, end user agent's or reseller's carrier selection has actually been implemented in the switch.

6.5.4 Multi-party End Users

Multi-party end users, end user agents or reseller will continue with the same carrier service arrangement which existed prior to the end office conversion. However, multi-party end users, end user agents or resellers may access the carrier of their choice by dialing the appropriate 10XXX or 101XXXX carrier identification code. In certain suitably equipped end offices, two-party customers may subscribe to the carrier of their choice.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Presubscription (Cont'd)

6.5.5 Cancellation of a Carrier Participation

If an IC or LEC cancels all of its FGD service in the converting end office prior to the conversion date or discontinues all of its FGD service within two years after the introduction of FGD in the converting end office, the carrier is obligated to do the following:

- (A) Notify the Telephone Company of the cancellation of their FGD service, and
- (B) Contact in writing all end users, end user agents, or resellers who have selected, or been allocated to, the canceling carrier as their PIC or IPIC, inform these end users, end user agents or resellers of the cancellation, request the end users, end user agents, or resellers to select a new PIC or IPIC, and state that the canceling carrier will pay the nonrecurring charge in 6.5.8

The Telephone Company will bill the canceling IC or LEC for a period of two years from the discontinuance of FGD service, the nonrecurring charge in 6.5.8 for each end user, end user agent or reseller this carrier has currently designated to it. Such charge will not apply to the canceling carrier where the canceling IC or LEC transfers or assigns its FGD services and the associated 10XXX or 101XXXX code to another carrier in such manner that the Telephone Company does not change end user, end user agent or reseller records or if another carrier elects to pay nonrecurring charge on behalf of the canceling IC or LEC.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Presubscription (Cont'd)

6.5.6 Liability of the Telephone Company

If through the fault of the Telephone Company, the end user, end user agent or reseller is not subscribed to its chosen PIC or IPIC, the nonrecurring charges in 6.5.8 do not apply to reassign the end user, end user agent or reseller to his chosen PIC or IPIC.

6.5.7 Carrier Desired Due Date (ICDDD) for PIC or IPIC Installation

An IC or LEC may request a desired due date for PIC or IPIC installation for a specific, single end user, end user agent or reseller acting on behalf of an end user post equal access conversion. This ICDDD is a mutually agreed upon negotiated due date, determined to be between 3 and 45 business days from the date of receipt of the order. The carrier must coordinate the ICDDD with the Telephone Company prior to sending in the first order.

The ICDDD does not apply to routine lists provided by the carrier, as described in 6.5.1 and 6.5.2. The Nonrecurring Charge for PIC or IPIC as found in 6.5.8, applies to each line converted to the carrier requesting ICDDD. This charge will be billed to the carrier's end user, end user agent or reseller customer.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Presubscription (Cont'd)

6.5.8 Rates and Charges

(A) Nonrecurring Charge for Primary IntraLATA Carrier (IPIC)

The nonrecurring charge for IPIC is as follows:

	Nonrecurring <u>Charge</u>
Per Telephone Company Local Service Line or Trunk	\$ 4.48
NAAPS (IPIC) NEAPS *	\$ 2.24

The nonrecurring charge for PIC is as set forth in Section 6.5 of the GTOC Tariff FCC No. 1.

(B) The nonrecurring charges for Unauthorized IPIC changes are as follows:

> Per Telephone Company Local Business or Residence Service Line or Trunk NAAPSUBR (IPIC)

\$10.68

The nonrecurring charge for Unauthorized Primary InterLATA carrier (PIC) change is as set forth in the GTOC Tariff FCC No. 1, Section 6.5.

^{*} The PIC and 50% of the IPIC apply when both the PIC and IPIC change to the same carrier on a single order.

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing

The Telephone Company will perform acceptance testing as specified in 4.2.7 and 5.1.5 preceding to insure that FSA ordered by the customer are functioning properly, prior to turning over such FSA to the customer. In addition, the Telephone Company will perform ongoing tests as specified in 4.2.1 and 4.2.2 preceding to assure the continued satisfactory performance of Switched Access Services ordered by the customer.

Testing offered under this section of the tariff is in addition to those tests described above and will be provided, when requested by the customer, at an additional charge.

Testing is provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in 6.6(A)(5) and 6.6(B)(2) following, to allow a customer to request Telephone Company personnel to perform testing at the customer designated location or the end user premises.

Additional testing is provided on a scheduled or nonscheduled basis. Scheduled testing shall be performed on a predetermined time basis to allow for cost efficient utilization of Telephone Company and customer resources. Scheduled testing should be based on a one year period. Nonscheduled tests are performed by the Telephone Company on a request-by-request basis, not in conjunction with any fixed schedule.

The offering of testing under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A), (B), and (C) following.

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(A) Switched Access Testing

Testing for Switched Access is comprised of (a) tests which are performed during the installation of Switched Access (i.e., acceptance tests) and (b) tests which are performed after acceptance of such Switched Access by a customer (i.e., in-service tests).

These tests are performed on a scheduled or nonscheduled basis, and may be conducted on an automatic, cooperative, or manual basis, as defined in (1), (2), (3), (4), and (5) following.

(1) Additional Cooperative Acceptance Testing (USOC - UBCXT; UBCOT; UBCPT)

Additional Cooperative Acceptance Testing (ACAT) of Switched Access involves the Telephone Company provision of a technician at its office(s) and the customer provision of a technician at its CDL, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Testing may apply when the customer requests additional tests not specified in 4.2.7.

The labor charges as set forth in 6.2(G) will apply to Additional Cooperative Acceptance Testing at the appropriate Basic, Overtime, or Premium rate.

(2) Automatic Scheduled Testing (USOC - UBGXT)

Automatic Scheduled Testing (AST) of FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service, is provided, as specified in 4.2.1 and 4.2.2, where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. AST charges will apply when such testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). The customer may specify a more frequent schedule of tests at least sixty days prior to the start of the prescribed schedule. Trunks from a Telephone Company digital switch, to a customer digital switch, utilizing digital facilities, are excluded from mandatory routine testing. The rates, as set forth in 6.6(C)(1), will apply to additional AST.

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(A) Switched Access Testing (Cont'd)

(2) Automatic Scheduled Testing (Cont'd)

The Telephone Company will provide a monthly AST report that lists the trunks within each Central Office access group that failed to meet established requirements. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis. A monthly report that lists the test results will be provided to the customer.

(3) Additional Cooperative Scheduled Testing (USOC - UBSXT; UBSXD)

Additional Cooperative Scheduled Testing (ACST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, and BSA-D and SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer designated location, with suitable test equipment to perform the required tests. ACST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). ACST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service that are not specified in 4.2.1 and 4.2.2 respectively. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates, as set forth in 6.6(C)(2), will apply for additional ACST.

The Telephone Company will provide, on a quarterly basis, an ACST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(A) Switched Access Testing (Cont'd)

(4) Additional Manual Scheduled Testing (USOC - UBMXT; UBMXD)

Additional Manual Scheduled Testing (AMST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and at the customer designated location. AMST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). AMST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service that are not specified in 4.2.1 and 4.2.2 respectively. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates as set forth in 6.6(C)(3) following will apply to additional AMST.

The Telephone Company will provide, on a quarterly basis, an AMST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(5) Nonscheduled Testing

Nonscheduled Testing (NST) will be performed "on demand" which results in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests for Switched Access which are normally performed are contained in 4.2.1 and 4.2.2. Nonscheduled Testing (NST) of Switched Access may consist of the following testing arrangements:

- the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent (automatic testing), or (USOC - USCXT)
- the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer designated location with suitable test equipment to perform the required tests (cooperative testing), or (USOC - USSXT; USSOT; USSPT)
- the Telephone Company provides a technician at its office(s), and at the customer designated location or end user premises with suitable test equipment to perform the required tests (manual testing).
 (USOC - USMXT; USMOT; USMPT)

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(A) Switched Access Testing (Cont'd)

(5) Nonscheduled Testing (Cont'd)

Nonscheduled Tests may consist of any tests which the customer may require. The rates as set forth in 6.6(C)(1) following will apply to Nonscheduled Automatic Testing. The labor charges as set forth in 6.2(G) preceding will apply to Nonscheduled Cooperative and Manual FSA Testing at the appropriate Basic, Overtime, or Premium rate.

If nonscheduled tests are required and trouble is found in the Telephone Company's facilities, charges for testing the Telephone Company's facilities will not apply. If, however, trouble is found in the customer equipment, charges as set forth in 6.6(C)(1) following and labor charges as set forth in 6.2(G) preceding are applicable.

(6) Obligations of the Customer

- (a) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate, to support AST as set forth in 6.6(A)(2) preceding or NST as set forth in 6.6(A)(5) preceding.
- (b) The customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(B) Special Access Testing

The Telephone Company will, at the request of a customer, provide assistance in performing specific tests requested by the customer, however, the Telephone Company will only perform maintenance testing for its facilities within the LATA.

(1) Additional Cooperative Acceptance Testing (USOC - SNTXT; SNTOT; SNTPT)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing (ACAT). The labor charges as set forth in 6.2(G) preceding will apply to ACAT at the appropriate Basic, Overtime, or Premium rate.

Additional Cooperative Acceptance Testing charges will apply when the customer requests tests which are not required to meet the transmission performance parameters as set forth in the GTE Technical Interface Reference Manual.

(2) Nonscheduled Testing (USOC - SNOXT; SNOOT; SNOPT)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office (cooperative testing) for the purpose of conducting Nonscheduled Testing (NST). Nonscheduled testing may consist of any test (e.g., loss, noise, slope, envelope delay, etc.) which the customer may request. If such testing indicates trouble in Telephone Company facilities, then the customer will not be charged. NST charges will apply if the trouble is in the facilities of the customer. At the customer's request, the Telephone Company will provide a technician at the customer designated location or at the end user premises (manual testing). The labor charges as set forth in 6.2(G) preceding will apply to Nonscheduled Testing at the appropriate Basic, Overtime, or Premium rate.

(3) Obligation of the Customer

When the customer subscribes to Testing as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

- 6. MISCELLANEOUS SERVICES (Cont'd)
 - 6.6 Additional Testing (Cont'd)
 - (C) Rates and Charges
 - (1) Automatic Scheduled Testing

Basic Offering to First Point of Switching
Per Transmission Path, Per Month
Rate
(UBGXT)

(2) Additional Cooperative Scheduled Testing

\$.45

Basic Offering to First Point of Switching
Per Transmission Path, Per Month
Rate
(UBSXT)

\$1.52

Gain-Slope-To First Point of Switching
Per Transmission Path, Per Month
Rate
(UBSXD)

\$.65

- 6. MISCELLANEOUS SERVICES (Cont'd)
 - 6.6 Additional Testing (Cont'd)
 - (C) Rates and Charges (Cont'd)
 - (3) Additional Manual Scheduled Testing

Basic Offering to First Point of Switching
Per Transmission Path, Per Month
Rate
(UBMXT)

\$3.03

Gain-Slope-To First Point of Switching
Per Transmission Path, Per Month
Rate
(UBMXD)

\$1.29

- 6.7 (Reserved for Future Use)
- 6.8 End User Lists
 - 6.8.1 Presubscription List
 - (A) InterLATA Equal Access

Prior to conversion to equal access (i.e., introduction of FGD in an end office switch) an IC may request a list of the Telephone Company's end users of record served from that end office switch. The Presubscription List will be provided as follows:

- (1) The Telephone Company will provide a list from its Customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC, at rates provided in 6.8.4. Foreign listings, PBX stations, CU centrex stations and numbers not in service will not be provided.
 - (a) The Initial List will be provided to the IC no later than 30 days after receipt of the order and payment by the IC of charges in 6.8.4. The nonrecurring charge for the Initial List applies per order. A single order may contain all end offices having the same equal access conversion date. The telephone number will not be provided if an end user or agent has a nonpublished number.

- 6. MISCELLANEOUS SERVICES (Cont'd)
 - 6.8 End User Lists (Cont'd)
 - 6.8.1 Presubscription List (Cont'd)
 - (A) InterLATA Equal Access (Cont'd)

(1) (Cont'd)

- (a) The Account Activity List, which includes a listing of all changes to the Customer data base, since the Initial List was produced, will be provided on a cyclic basis. The Account Activity List will only include information for those end users that are presubscribed to the IC (including end users with nonpublished numbers) for the sole purpose of updating the IC's customer account information. There is no charge for this list.
- (2) The IC agrees to use the Initial and Account Activity Lists for the sole purpose of contacting potential customers or existing customers, regarding interexchange telecommunications services available through equal access to be obtained from the Telephone Company or for the purpose of updating IC customer account information. The IC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.
- (3) The IC shall indemnify, protect and save harmless the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Telephone Company's supplying of listing information, services or records.

6. MISCELLANEOUS SERVICES (Cont'd)

6.8 End User Lists (Cont'd)

6.8.1 Presubscription List (Cont'd)

(A) InterLATA Equal Access (Cont'd)

- (4) The Telephone Company and the IC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users as to the separate and independent identity of the respective companies and their services. Neither the Telephone Company nor the IC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC is the same as, a part of, or associated with the Telephone Company.
- (5) This service may be terminated by either the Telephone Company or the IC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.

(B) IntraLATA Equal Access

Prior to conversion to intraLATA equal access an IC or LEC may request a list of the Telephone Company's end users of record served from that end office switch. A single Presubscription List will be provided to intraLATA toll providers as follows:

- (1) The Telephone Company will provide a list from its Customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC or LEC, at rates provided in 6.8.4. Foreign listings, PBX stations, CU centrex stations, public coin station and numbers not in service will not be provided.
 - (a) The Initial List will be provided to the IC or LEC no later than 30 days after receipt of the order and payment by the IC or LEC of charges in 6.8.4. The nonrecurring charge for the Initial List applies per order. A single order may contain all end offices having the same intraLATA equal access conversion date. The telephone number will not be provided if an end user or agent has a nonpublished number.

6. MISCELLANEOUS SERVICES (Cont'd)

- 6.8 End User Lists (Cont'd)
 - 6.8.1 Presubscription List (Cont'd)
 - (B) IntraLATA Equal Access (Cont'd)

(1) (Cont'd)

- (b) The Account Activity List, which includes a listing of all changes to the customer data base, since the Initial List was produced, will be provided on a cyclic basis. The Account Activity List will only include information for those end users that are presubscribed to the IC or LEC (including end users with nonpublished numbers) for the sole purpose of updating the IC's or LEC's customer account information. There is no charge for this list.
- (2) The IC or LEC agrees to use the Initial and Account Activity Lists for the sole purpose of contacting potential customers, or existing customers, regarding intraLATA telecommunications services available through equal access to be obtained from the Telephone Company. The IC or LEC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.
- (3) The IC or LEC shall indemnify, protect and save harmless the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Telephone Company's supplying of listing information, services or records.
- (4) The Telephone Company and the IC or LEC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users as to the separate and independent identity of the respective companies and their services. Neither the Telephone Company nor the IC or LEC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC or LEC is the same as, a part of, or associated with the Telephone Company.
- (5) This service may be terminated by either the Telephone Company or the IC or LEC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC or LEC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.

6. MISCELLANEOUS SERVICES (Cont'd)

6.8 End User Lists (Cont'd)

6.8.2 Allocation Lists

- (A) The Telephone Company will provide to the IC or LEC, at no charge, a list of end users that have been allocated to the IC or LEC as described in 6.5.2. This list will be provided after the Balloting and Allocation Process occurs.
- (B) A list of all end users who have been allocated will be available to an IC or LEC upon request. Charges in 6.8.4 will apply. The nonrecurring charge for the Allocation List applies each time the IC or LEC orders the service. A single ASR may contain all end offices having the same equal access conversion date.

6.8.3 Snapshot List

The Snapshot List is a summary of selected end user information for a specific IC or LEC which resides in the Telephone Company Customer data base. The Snapshot List may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC or LEC, at rates provided in 6.8.4. Foreign listings, PBX stations, CU centrex stations and numbers not in service will not be provided.

The Snapshot List will be provided to the IC or LEC no later than 30 days after receipt of the order. The nonrecurring charge for the Snapshot List applies per order.

The purpose, liability and objectives associated with the provision of the Snapshot List is in 6.8.1(B)(2), (3), (4) and (5).

- 6. MISCELLANEOUS SERVICES (Cont'd)
 - 6.8 End User Lists (Cont'd)
 - 6.8.4 Rates and Charges

End User Lists are provided pursuant to the rates found in GTOC Tariff FCC No. 1.

- 6.9 (Reserved for Future Use)
- 6.10 (Reserved for Future Use)
- 6.11 (Reserved for Future Use)
- 6.12 (Reserved for Future Use)

1.	SPECIALIZED FSA OR ARRANGEMENTS	<u>Pa</u>	ge
	7.1 General		1
	7.2 Rates and Charges		1

7. SPECIALIZED FSA OR ARRANGEMENTS

7.1 General

Specialized FSA or Arrangements may be provided by the Telephone Company, at the request of a customer, on an Individual Case Basis (ICB) if such FSA or arrangements meet the following criteria:

- The requested FSA or arrangements are not offered under other sections of this tariff.
- The facilities utilized to provide the requested FSA or arrangements are of a type normally used by the Telephone Company in furnishing its other services.
- The requested FSA or arrangements are provided within a Market Area.
- The requested FSA or arrangements are compatible with other Telephone Company services, facilities, and its
 engineering and maintenance practices.

This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

7.2 Rates and Charges (USOC - 1ZZ++)

Rates and charges and additional regulations, if applicable, for Specialized FSA or Arrangements are filed following:

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 8 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

8. (Reserved for Future Use)

9.	SPE	CIAL FA	L FACILITIES ROUTING OF FSA		
	9.1	Descript	ion of Special Facilities Routing of FSA	. 1	
		9.1.1	Diversity	. 1	
		9.1.2	Avoidance	. 1	
		9.1.3	Cable-Only Facilities	. 1	
	9.2	Rates ar	nd Charges	. 1	
		9.2.1	Diversity	. 1	
		9.2.2	Avoidance	. 2	
		9.2.3	Diversity and Avoidance Combined	. 2	
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9. SPECIAL FACILITIES ROUTING OF FSA

9.1 Description of Special Facilities Routing of FSA

The FSA provided under this tariff are provided over such routes and facilities as the Telephone Company may elect. Special routing is involved where, in order to comply with requirements specified by the customer, the Telephone Company provides Switched Access, Special Access or Special Federal Government Services in a manner which includes one or more of the following conditions.

9.1.1 <u>Diversity</u>

Where two or more FSA must be provided over not less than two different physical routes. Diversity is a Basic Service Element (BSE) under the Telephone Company's Open Network Architecture (ONA) Plan.

9.1.2 Avoidance

Where a FSA must be provided on a route which avoids specified geographical locations.

9.1.3 Cable-Only Facilities

Where certain voice grade FSA are provided on cable-only facilities to meet the particular needs of a customer. FSA is provided subject to the availability of cable-only facilities. In the event of FSA failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

Avoidance and Diversity are available on Switched Access as set forth in Section 4, Special Access as set forth in Section 5, and Special Federal Government Services as set forth in Section 11. Cable-only facilities are available for Switched Access as set forth in Section 4, voiceband Special Access as set forth in 5.2.1 and Special Federal Government Services as set forth in Section 11.

In order to identify any special routing requirement, the Telephone Company will provide the ordering customer with the required routing information for each specially routed FSA. If requested by the customer, this information will be provided when the FSA is installed and prior to any subsequent change in routing.

The rates and charges for Special Facilities Routing of FSA as set forth in 9.2 are in addition to all other rates and charges that may be applicable for FSA provided under other sections of this tariff.

9.2 Rates and Charges

The rates and charges for Special Facilities Routing of FSA are as follows:

9.2.1 <u>Diversity</u> (USOC - SYD++)

For each FSA provided in accordance with 9.1.1 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

9. SPECIAL FACILITIES ROUTING OF FSA (Cont'd)

9.2 Rates and Charges (Cont'd)

9.2.2 Avoidance (USOC - SYA++)

For each FSA provided in accordance with 9.1.2 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

9.2.3 <u>Diversity and Avoidance Combined</u> (USOC - SYB++)

For each FSA provided in accordance with 9.1.1 and 9.1.2 combined, the rates and charges will be developed on an Individual Case Basis and are filed following:

9.2.4 <u>Cable-Only Facilities</u> (USOC - SYC++)

For each FSA provided in accordance with 9.1.3 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

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10. SPECIAL CONSTRUCTION

10.1 General

This section contains the regulations, rates and charges applicable for Special Construction of Telephone Company facilities which are used to provide FSA offered under this tariff.

When Special Construction of FSA is required, the provisions of this section apply in addition to regulations, rates and charges set forth in other sections of this tariff.

10.1.1 Conditions Requiring Special Construction

Special Construction is required when facilities are not available to meet a customer's ASR 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 FSA 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 FSA;
- The customer requests the construction of more facilities than is required to satisfy its ASR;
- 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.
- The customer requests construction of permanent facilities to be used for temporary Video broadcast service.

10.1.2 Filing of Charges

Charges and liabilities for Special Construction will be filed in 10.4, 10.5 and 10.6 following.

When Special Construction is required under conditions that preclude the filing of charges in full accordance with the FCC's Rules and Regulations (e.g., unavailability of cost details, short notice service date):

- (A) Notification will be made to the FCC that Special Construction will be provided in accordance with Special Permission No. 83-867.
- (B) After charges have been filed and have become effective they will apply from the date that the Special Construction was provided.
- (C) Charges and/or Maximum Termination Liabilities for Special Construction of facilities provided by a Connecting Carrier are developed by the Connecting Carrier and are filed by the Telephone Company in this tariff on its behalf.
- (D) Regulations and charges for Special Construction of facilities provided by Other Participating Carriers are filed in their tariffs.

10. SPECIAL CONSTRUCTION (Cont'd)

10.1 General (Cont'd)

10.1.3 Ownership of Facilities

The Telephone Company retains ownership of all specially constructed facilities, except for those facilities constructed by connecting companies or carriers, even though the customer may be required to pay Special Construction charges.

10.1.4 Interval to Provide FSA

Based on available information and the type of FSA ordered, the Telephone Company will establish a scheduled date for the installation of necessary facilities. The date will be established on an Individual Case Basis and provided to the customer. The Telephone Company will make every reasonable effort to assure that the date is met. However, circumstances beyond the Telephone Company's control (e.g., backorder of components) may force a reschedule, and a new completion date will be established with the customer when appropriate.

10.1.5 Special Construction Involving Interstate and Intrastate FSA

When Special Construction involves facilities used to provide both interstate and intrastate FSA, charges for the portion of the construction used to provide intrastate FSA shall be in accordance with this tariff. Charges for the portion of the construction used to provide interstate FSA shall be in accordance with the appropriate Windstream tariff providing Facilities for Interstate Access.

10.2 Liabilities, Charges and Payments

10.2.1 General

This section describes the various charges and liabilities that apply when the Telephone Company provides Special Construction of FSA, as outlined in 10.1.1 preceding, in accordance with a customer's specific request. Once the customer is notified of all charges and liabilities, the customer must provide the Telephone Company with written approval prior to the start of construction. If more than one condition requiring Special Construction is involved, charges for each condition apply (see Conditions Requiring Special Construction, 10.1.1 preceding).

10.2.2 Payment of Charges

Payment is due upon presentation of a bill for the specially constructed facilities.

10.2.3 Start/End of Billing

Billing of recurring charges for specially constructed FSA starts on the day after the FSA are provided. Billing accrues through and includes the day that the specially constructed FSA are discontinued. Monthly charges will be billed one month in advance.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.4 Partial Payments

The Telephone Company will require a customer which has a proven history of late payments to the Telephone Company, or does not have established credit, to make a partial payment for the portion of the estimated cost of the Special Construction for which the customer is subject to a nonrecurring charge. Partial payments will be requested as costs are incurred and will be credited to the customer's account. Partial payments will not exceed the total nonrecurring charge to the customer for the Special Construction.

10.2.5 Development of Liabilities and Charges

The customer has the option of accepting the liabilities and charges based on estimated or actual costs. Estimated costs will be used unless the customer notifies the Telephone Company of the selection of the actual cost option in writing prior to the start of Special Construction.

Under the estimated cost option, Special Construction liabilities and charges are developed based on estimated costs and will be filed in this tariff.

Under the actual cost option, if all actual costs are not available prior to the in-service date of the FSA, estimated Special Construction charges will be filed in this tariff. As soon as the actual costs, including costs of maintaining and filing these costs, are subsequently determined, the estimated charges will be adjusted to reflect the actual costs. The filed charges will then reflect actual costs existing at the time the FSA are provided.

10.2.6 Type of Contingent Liability

Depending on the specifics associated with each individual case the following Maximum Termination Liability may be applicable for Special Construction.

(A) Maximum Termination Liability (USOC - MLY)

A MTL has two components, an amount and a specified period of time.

The amount is equal to all nonrecoverable costs less the net salvage value (e.g., depreciation, return, income tax associated with the specially constructed facilities). The amount will be amortized over the average account life of the specially constructed facilities. The standard liability period is the average account life of the Specially Constructed facilities expressed in years.

At the customer's option, an optional liability period shorter than the average account life may be established. If the customer chooses an optional liability period, the MTL amortization schedule will not change. The remaining MTL amount for the period between the expiration of the optional liability period and the expiration of the amortization schedule will be due as a lump sum payment (LS) at the time the optional liability period expires unless the case of Special Construction is extended.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.6 <u>Type of Contingent Liabilities</u> (Cont'd)

(A) <u>Maximum Termination Liability</u> (Cont'd)

Prior to the expiration of an optional liability period the customer has the option to (A) extend the use of the specially constructed FSA establishing a new liability period, or (B) terminate the case of Special Construction and pay the lump sum payment.

The Telephone Company will notify the customer six months in advance of the expiration date of the optional liability period. The customer must provide the Telephone Company with written notification of its intentions to be received one month prior to expiration of the optional liability period. Failure to do so, and payment of the next month's charges, will result in extension of the case of the Special Construction and the establishment of a new liability period equal to the remaining amortization period. A Case Preparation Charge will always apply if the Special Construction case is extended.

The MTL and the liability period applicable to specific cases of Special Construction are as set forth in 10.4, 10.5 and 10.6 following.

(B) Reduction on Maximum Termination Liability

The time frames for MTL for Special Construction are expressed by an effective date and an expiration date. The MTL will be reduced for each month the Special Construction FSA is in service. For example, if the MTL period is 10 years, for each month in service the MTL would be reduced 1/120th.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 Types of Charges

Two categories of charges may be applicable for Special Construction. These charges are nonrecurring charges and recurring charges. These categories are described below.

(A) Nonrecurring Charges

One or more of the following nonrecurring charges may apply for each case of Special Construction: case preparation, termination, cancellation, expediting the construction, or optional payment charges.

- (1) (Reserved for Future Use)
- (2) Case Preparation Charge (USOC QPA)

The charge for case preparation includes the administrative expense associated with preparing and listing the charges in the tariff. This expense includes such items as: (a) tariff preparation and processing and (b) gross receipts and surcharge taxes.

(3) Termination Charge (USOC - MLY)

A Termination Charge applies when, at the customer's request, FSA provided on specially constructed facilities which have a tariffed Maximum Termination Liability are discontinued prior to the expiration of the liability period.

The charge reflects the unamortized portion of the nonrecoverable cost at the time of termination of the specially constructed FSA adjusted for tax effects, for net salvage and for possible reuse. Administrative costs associated with the specific case of Special Construction and any cost for restoring a location to its original condition are also included. Termination Charges will never exceed the MTL.

(4) Cancellation Charge

If the customer cancels an ASR with which Special Construction is associated prior to the in-service date of the FSA, a Cancellation Charge will apply. The charge will include all nonrecoverable costs less the net salvage value incurred by the Telephone Company up to and including the time of cancellation.

(5) Expediting Charge

An Expediting Charge applies when a customer requests that Special Construction be completed on an expedited basis. The charge is equal to the difference in the estimated cost of construction on an expedited basis and construction without expediting.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 Types of Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(6) Optional Payment Charge (USOC - FPAPP)

The customer may elect to pay an Optional Payment Charge when it requests Special Construction of facilities utilizing (1) a type of facilities or (2) a route other than that which the Telephone Company would otherwise utilize in furnishing the requested service. Payment of this charge will result in a lower recurring charge for the Special Construction. This election must be made in writing, before Special Construction starts.

If this election is coupled with the actual cost option, the Optional Payment Charge will reflect the actual cost of the specially constructed facilities.

(a) <u>Development of Optional Payment Charge</u>

This charge is equal to the excess installed cost or the total nonrecoverable cost, whichever is less (based on estimated or actual costs as elected by the customer).

Example 1:

Total Installed Cost	\$30,000
Nonrecoverable	20,000
Normal Installed Cost	17,000
Total Installed Cost	\$30,000
Minus Normal Installed Cost	17,000
Equals Excess Installed Cost	13,000
Optional Payment Charge	13,000
Nonrecoverable Cost	\$20,000
Minus Optional Payment Charge	13,000
Equals Investment for MTL	
Computation	7,000
Remaining Recoverable	
Excess Installed Cost	\$0

Since the total installed cost is \$30,000 and the normal installed cost would have been \$17,000, the nonrecurring charge (optional payment) is limited to the difference (i.e., \$13,000). A Maximum Termination Liability would then be established to protect the remaining nonrecoverable cost of \$7,000 which is the difference between the total nonrecoverable cost (\$20,000) and the nonrecurring charge (\$13,000). The remaining excess installed cost in this example is zero. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 <u>Types of Charges</u> (Cont'd)

- (A) Nonrecurring Charges (Cont'd)
 - (6) Optional Payment Charge (USOC FPAPP)
 - (a) Development of Optional Payment Charge (Cont'd)

Example 2:

Total Installed Cost	\$30,000
Nonrecoverable Cost	10,000
Normal Installed Cost	17,000
Total Installed Cost	\$30,000
Minus Normal Installed Cost	17,000
Equals Excess Installed Cost	13,000
Optional Payment Charge	10,000
Nonrecoverable Cost	\$10,000
Minus Optional Payment Charge	10,000
Equals Investment for	
MTL Computation	0
Remaining Recoverable	
Excess Installed Cost	\$ 3,000

The Optional Payment Charge is limited to the nonrecoverable cost. In this example the Optional Payment Charge equals the nonrecoverable cost. Therefore, there is no Maximum Termination Liability. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.

10. SPECIAL CONSTRUCTION (Cont'd)

- 10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)
 - 10.2.7 Types of Charges (Cont'd)
 - (A) Nonrecurring Charges (Cont'd)
 - (6) Optional Payment Charge (USOC FPAPP)
 - (b) Replacement Charge (GSEC) NESCR

If any portion of the specially constructed FSA, for which an Optional Payment Charge has been paid, requires replacement involving capital investment, a charge for replacement will apply. This charge will be in the same ratio as the initial Optional Payment Charge was to the installed cost of the specially constructed FSA. The customer will be notified in writing that the replacement is required. Replacement will not be made without the customer's ASR. If any portion of the FSA subject to the replacement charge fails, the FSA will not be restored until the customer orders the replacement.

Example:

Original Total Installed Cost	\$30,000
Original Optional Payment Charge	\$15,000
Subsequent Cost of Replacement	\$ 2,000

Original Optional Payment Charge x <u>Replacement Cost</u> Total Installed Cost

\$15,000 x \$2,000 = 1,000 \$30,000

Replacement Charge \$ 1,000

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 <u>Types of Charges</u> (Cont'd)

(B) Recurring Charges

These charges apply on a monthly or annual basis for specially constructed FSA. There are three conditions for which recurring charges apply:

- When a customer requests the construction of more facilities than are necessary to provide the FSA currently ordered.
- When a customer requests a facility route or type other than that which the Telephone Company would utilize to provide FSA.
- When a customer's request results in the Telephone Company leasing transmission or other equipment from private vendors to provide FSA (Lease Charge).

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(1) Excess Capacity Charge

An Excess Capacity Charge applies when the customer requests more facilities be constructed than are required to satisfy the customer's ASR. The charge is based on the estimated cost difference between the facilities constructed at the customer's request and the facilities actually required to meet the customer's ASR.

Example:

A customer has an immediate FSA requirement which would require a 100 pair cable but requests the installation of a 300 pair cable to allow for growth.

Total Installed Cost (300 Pair)	\$2,500
Estimated Annual Cost	\$ 920
Estimated Installed Cost (100 Pair)	\$1,000
Estimated Annual Cost	\$ 368

Excess Recurring Charge: Annually \$920 - \$368 = \$552

Monthly
$$\frac{$552}{12} = $46$$

This charge applies until such time as the customer orders sufficient FSA to necessitate use of a larger size cable (e.g., 200 pair cable). At that time the recurring charge is adjusted as indicated in the following example:

Total Installed Cost (300 Pair)	\$2,500
Estimated Annual Cost	\$ 920
Estimated Installed Cost (200 Pair)	\$1,900
Estimated Annual Cost	\$ 683

Excess Recurring Charge: Annually \$920 - \$683 = \$237

Monthly
$$\frac{$237}{12} = $19.75$$

The charge is revised in this manner until the number of FSA being provided would require a 300 pair cable, at which time the Excess Capacity Charge is no longer applied. The charge would be reapplied if the number of FSA declined to a level which would not require a 300 pair cable.

Such charges will continue to apply to all facilities held in abeyance until the period of termination liability expires. If facilities are still held in abeyance after the termination liability expires, a new schedule of rates will be calculated and such rates will apply as long as facilities are held in abeyance for the customer.

- 10. SPECIAL CONSTRUCTION (Cont'd)
 - 10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)
 - 10.2.7 Types of Charges (Cont'd)
 - (B) Recurring Charges (Cont'd)
 - (2) (Reserved for Future Use)
 - (3) Charge for Route or Type Other Than Normal

When the customer requests Special Construction using a route or type of FSA other than that which the Telephone Company would normally use, a recurring charge is applicable. The charge is the difference between the estimated recurring costs of the specially constructed FSA and the estimated recurring costs of the FSA the Telephone Company would normally use. The charge will be no greater than the recurring costs of the specially constructed FSA.

(a) If the customer elects to pay an Optional Payment Charge, capital cost items (depreciation, return on investment and Federal income tax on that return). The remaining recurring expense cost items associated with the optional payment (maintenance, administration, and other taxes) are increased by a ten percent management fee and will be included in the recurring charge.

The portion of any recurring charge associated with any remaining Special Construction investment will include both capital and expense costs. The ten percent management fee is not applied to this portion of the recurring charge.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 <u>Types of Charges</u> (Cont'd)

- (B) Recurring Charges (Cont'd)
 - (3) Charge for Route or Type Other Than Normal (Cont'd)
 - (a) (Cont'd)

DEVELOPMENT OF RECURRING MONTHLY CHARGE FOR OPTIONAL PAYMENTS

For example 1 see 10.2.7(A)(6)(a)

	SPECIAL ROUTE OR TYPE OF FSA			<u>NORMAL</u>
	Α	В	С	D
	Optional Payment Nonrecurring Charge For Special Const. FSA \$13,000	Specially Constructed FSA Less Nonrecurring Charges \$17,000	Existing <u>Facilities</u>	Normal Route/Type <u>Facilities</u> \$17,000
 Depreciation Federal Income 	-	1,122		408
Tax and Return3. Maintenance4. Administration5. Other Taxes6. Sub Total7. 10% x Line 6	- 1,131 455 286 1,872 187	2,142 1,479 595 37 -	- - -	2,346 799 595 374 -
8. Totals	(A) \$ 2,059	(B) \$5,712	(C)	(D) \$4,522

A + B = \$7,771 A + B + C = 7,771 (A + B + C) - D = 3,249

Excess Recurring Charge:* Annually \$3,249.00 Monthly \$270.75

^{*}The lower of (A+B+C)-D, or (A+B)

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 <u>Types of Charges</u> (Cont'd)

- (B) Recurring Charges (Cont'd)
 - (3) Charge for Route or Type Other Than Normal (Cont'd)

(a) (Cont'd)

DEVELOPMENT OF RECURRING MONTHLY CHARGE FOR OPTIONAL PAYMENTS

For example 2 see 10.2.7(A)(6)(a)

	SPECIAL ROUTE OR TYPE OF FSA			<u>NORMAL</u>
	Α	В	С	D
	Optional Payment Nonrecurring Charge For Special Const. FSA \$10,000	Specially Constructed FSA Less Nonrecurring Charges \$20,000	Existing <u>Facilities</u>	Normal Route/Type <u>Facilities</u> \$17,000
Depreciation Federal Income	-	1,320		406
Tax and Return	-	2,520		2,346
3. Maintenance	870	1,740		799
4. Administration	350	700		595
Other Taxes	220	440		374
Sub Total	1,440	-	-	-
7. 10% x Line 6	144	. .	-	
8. Totals	(A) \$ 1,584	(B) \$ 6,720	(C)	(D) \$4,522

A + B = \$8,304 A + B + C = 8,304 (A + B + C) - D = 3,782

Excess Recurring Charge:* Annually \$3,782.00 Monthly \$315.17

^{*}The lower of (A+B+C)-D, or (A+B)

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 <u>Liabilities, Charges and Payments</u> (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(3) Charge for Route or Type Other Than Normal (Cont'd)

(b) If the customer has elected the actual cost option, the recurring charge will be adjusted to reflect the actual cost of the new construction when the cost is determined. This adjusted recurring charge is applicable from the start of FSA.

(4) Lease Charge

A Lease Charge applies when the Telephone Company leases equipment (e.g., portable microwave equipment) in order to provide FSA to meet the customer's requirements. The amount of the charge is the net added cost to the Telephone Company caused by the lease.

10.2.8 Application of Charges

The charges for Special Construction are those charges which are in effect for the period that the Special Construction is furnished. If the charges for a period covered by a bill change after the bill has been rendered, the bill will be adjusted to reflect the new charges. Charges are based on Special Construction of (A) permanent FSA or (B) temporary FSA.

(A) Special Construction of Permanent FSA

(1) Special Construction When Not Available and There is No Other Requirement for Them

When permanent FSA are not available and the Telephone Company constructs them and there is no other Telephone Company need for the specially constructed FSA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

(2) <u>Special Construction Using a Route or Type of FSA Other Than</u> <u>Normal</u>

When the specially constructed FSA involve a route or type of FSA other then that which the Telephone Company would ordinarily use, charges are based on the difference between the estimated costs of the specially constructed FSA and those the Telephone Company would ordinarily use. A nonrecurring charge, a recurring charge, and a Maximum Termination Liability may be applicable.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.8 Application of Charges (Cont'd)

(A) Special Construction of Permanent FSA (Cont'd)

(3) Special Construction of a Greater Quantity of FSA Than Necessary to Satisfy the Customer's Order for Service

When the Telephone Company constructs more FSA than is required to satisfy the customer's ASR, additional charges will apply. These charges may include a nonrecurring charge, a recurring charge, and a Maximum Termination Liability.

(4) Special Construction Expedited at Greater Cost Than Would Otherwise be Incurred

When construction is expedited resulting in added costs, a nonrecurring Expediting Charge applies.

(B) Special Construction of Temporary FSA Order

When permanent FSA are not available and temporary FSA are constructed pending the construction of permanent FSA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

10.3 Deferral of the In-Service Date of FSA

10.3.1 <u>General</u>

The customer may request the Telephone Company to defer the in-service date of FSA on specially constructed FSA subject to the provisions as set forth in 3.2.2(A) preceding. If the deferral is not in compliance with the provisions as set forth in 3.2.2(A), the Special Construction case is considered to be cancelled and cancellation charges apply. Requests for deferral must be in writing and are subject to the following regulations.

10.3.2 <u>Construction Has Not Started</u>

If the Telephone Company has not incurred any costs (e.g., engineering and/or installation) before receiving the customer's request for deferral, no charge applies other than the Case Preparation Charge. However, the original quotation is subject to Telephone Company review at the time of reinstatement to determine if the original charges are still valid. Any change in liabilities and charges requires the concurrence of the customer in writing. Additional Case Preparation Charges will also apply.

10. SPECIAL CONSTRUCTION (Cont'd)

10.3 <u>Deferral of the In-Service Date of FSA</u> (Cont'd)

10.3.3 Construction Has Started But Is Not Complete

If the construction of FSA has started, but has not been completed, before the Telephone Company receives the customer's request for deferral, charges apply. The charges vary depending on whether all or some of the FSA ordered are deferred.

(A) All FSA Are Deferred

When all FSA involving Special Construction are deferred, a charge equal to the costs incurred during each month of the deferral applies. Those costs include the recurring costs for that portion of the FSA already completed and any other costs associated with the deferral. The Case Preparation Charge also applies.

(B) Some But Not All FSA Are Deferred

When some, but not all, FSA utilizing the specially constructed FSA are deferred, the Special Construction case will be completed. Maximum Termination Liability will apply in addition to Case Preparation Charges and any recurring charges associated with the Special Construction.

10.3.4 Construction Complete

If the construction of FSA has been completed before the Telephone Company receives the customer's request for deferral, the Case Preparation Charge as originally determined, will apply and any recurring charges associated with the Special Construction. The maximum termination liability period will begin when the customer accepts the service.

10.4 <u>Charges for Customers Choosing the Optional Liability Period to Provide Permanent FSA</u>

10.4.1 (Reserved for Future Use)

10. SPECIAL CONSTRUCTION (Cont'd)

10.5 Charges for Customers Choosing the Standard Liability Period to Provide Permanent FSA

This section contains the Special Construction charges to provide permanent FSA to individual customers. Charges are developed on an Individual Case Basis for a specific customer and filed in this section.

10.6 Charges to Provide Temporary FSA

This section contains the Special Construction charges to provide temporary facilities to individual customers. Charges are developed on an Individual Case Basis for a specific customer and filed in this section.

11. SPECIAL STATE GOVERNMENT FSA

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11. SPECIAL STATE GOVERNMENT FSA

Services provided pursuant to this section of the tariff are limited in use to Oklahoma Governmental Entities. The term Oklahoma Governmental Entity is defined in paragraph 11.1.3 following.

11.1 General

- 11.1.1 Services subject to this section of the tariff are DS1 and DS3 digital services.
 - (A) DS1 Service 1.544 Mbps
 Digital signal level one (DS1) a 1.544 megabits per second (Mbps) isochronous serial data signal.
 - (B) DS3 Service 44.736 Mbps
 Digital signal level three (DS3) a 44.736
 megabits per second (Mbps) isochronous
 serial data signal.
- 11.1.2 In addition to the regulations set forth in this section of the tariff, other sections of this tariff or other tariffs, as referenced herein, are applicable.
- 11.1.3 As used in this tariff, an Oklahoma Governmental Entity, hereinafter sometimes referred to as "customer", includes all Oklahoma state agencies, boards, commissions, authorities and all Oklahoma public educational entities (including school districts), and political subdivisions municipalities (including incorporated cities and towns and all institutions, agencies or instrumentalities of a municipality) and county governments.
- 11.1.4 These services are intended for the exclusive use of Oklahoma Governmental Entities to provide more efficient state government operations. Services purchased may not be resold, repackaged or shared with any other customers, except for customers described in 11.1.3. The services stated in Section 11 herein will be provided pursuant to Individual Service Agreements with the Telephone Company.
- 11.1.5 No portion of a multiplexed (High Capacity DS1/DS3) service may be purchased for use by a customer unless the entire service is for use by a customer.
- 11.1.6 A customer cannot interconnect these services with any public switched network service except for services provided pursuant to this tariff.

11. SPECIAL STATE GOVERNMENT FSA

11.2 Limitations

11.2.1

Services provided pursuant to this section of the tariff are subject to the availability of facilities. If sufficient facilities are not available to meet the customer's specific request, the Telephone Company will advise the customer that service cannot be provided because of insufficient facilities. The customer will be given the option of paying any additional special construction charges either with a one-time upfront payment or spreading the charges over the life of the Individual Service Agreement to provide the needed facilities so service can be provided subject to the rates, terms and conditions available pursuant to this section of the tariff.

The regulations applying to Special Construction Charges are found in Section 10 of this tariff.

11.2.2 Limitation of Liability provisions as they related to services provided pursuant to this section of the tariff are found in Section 2 of this tariff.

11. SPECIAL STATE GOVERNMENT FSA (Cont'd)

11.3 Method of Applying Rates

11.3.1 Rate Elements

- (A) Channel Termination A channel termination charge for the requested digital transmission speed shall apply for each termination.
- (B) Channel Mileage When the services locations are in different serving offices, channel mileage will apply. For each channel a fixed rate charge is applicable and a per airline mile rate applies based on the vertical and horizontal (V-H) distance between the serving offices. If the rating of channel mileage involves more than one telephone company, billing per company will be based on the terms and conditions as the meet point billing arrangements specified in Section 2 of this tariff.
- (C) Multiplexing A process which allows the customer to channelize a higher speed service down into lower speed services. The multiplexor will be located in a telephone company's serving office (the telephone company serving office will be referenced as a hub office).

11.3.2 Application of Rates and Charges

- (A) The customer must select a rate period of 3, 5 or 10 years.
- (B) The rate elements as defined in paragraph 11.3.1(A)-(C) are applied as follows:
 - (1) A channel termination charge applies per termination.
 - (2) Channel mileage is applicable when an interoffice channel is required to connect two telephone company serving offices or to connect a telephone company serving office and a hub office.
 - (3) Multiplexing charges apply at the hub office. The charge will be based on the type multiplexing requested by the customer.

- 11. SPECIAL STATE GOVERNMENT FSA (Cont'd)
 - 11.3 Method of Applying Rates (Cont'd)
 - 11.3.2 Application of Rates and Charges (Cont'd)
 - (C) The rates set forth in paragraph 11.4. of this tariff are the maximum nonrecurring and recurring rates which the telephone company is permitted to charge a customer during the term of an Individual Service Agreement as described in paragraph 11.5.
 - (D) Each service arrangement will require the customer to enter into an Individual Service Agreement (ISA), pursuant to paragraph 11.5. The rates and charges specified in the ISA will be those set forth in the Price List (see paragraph 11.6) on file with the Commission at the time the ISA is executed. Such rates and charges shall not be increased during the term of the ISA. However, if a new Price List is filed by the Telephone Company during the term of an ISA that includes rate decreases a customer may take advantage of any such rate decrease if it agrees to enter into a new rate period agreement and the rate period (3,5, or 10 years) is equal to or greater than the remaining period of time left on the existing rate period agreement.
 - (E) Termination Charges Except as provided in 11.3.2(D) above, in the event the Service (for a specific Individual Service Agreement) is terminated by the customer prior to the end of the term of the rate period, the customer will be liable for termination charges as calculated herein. The termination charge for an individual ISA will be the number of months the ISA was in service multiplied by the difference of the standard telephone company's month to month tariffed rates and the rates associated with the particular service and rate period selected by the customer in the Individual Service Agreement(1).
 - (F) The customer may purchase dedicated digital services from other sections of this tariff at the rates and under the terms and conditions set forth therein.
 - (G) A customer may, at any time during the term plan selected, elect to prepay the remaining monthly charges for the rest of the term. The prepayment amount will be adjusted for the time value of money based on the appropriate present worth of any annuity factor. Recurring charges will cease for the rest of the term and start up again at the end of the term if service has not been disconnected. No refund will be given for cancellation of the term plan once the single payment option has been exercised.
- (1) The rate period rates and charges and the standard tariffed rates will be documented in the Individual Service Agreement.

11. SPECIAL STATE GOVERNMENT FSA (Cont'd)

11.4 Rates and Charges(1)

11.4.2

11.4.1 DS1 Service

(A)	Month	ly Rates
-----	-------	----------

(A) Monthly Rates	3 Year Maximum USOC Rate	5 Year Maximum <u>USOC Rate</u>	10 Year Maximum <u>USOC</u> <u>Rate</u>
Channel Termination	TUT8X \$100.00 TUT8X3	TUT8X \$100.00 TUT8X5	TUT8X \$100.00 TUT8X10
Channel Mileage Fixed Rate Per Mile Rate	1U58S 85.00 1U58SF3 1U58S 15.50 1U58S3	1U58S 85.00 1U58SF5 1U58S 15.50 1U58S5	1U58S 85.00 1U58SF10 1U58S 15.50 1U58S10
(B) Nonrecurring Charge DS3 Service	TUT8X 460.00 NTUT8X		
(A) Monthly Rates			
Single Service			
Channel Termination	TUT9X 1,845.75 TUT9X3	TUT9X 1,645.00 TUT9X5	TUT9X \$1,565.00 TUT9X10
Fixed Rate	1U59S 936.65 1U59SF3	1U59S 875.00 1U59SF5	1U59S 751.40 1U59SF10
Per Mile Rate	1U59S 78.25 1U59S3	1U59S 67.80 1U59S5	1U59S 62.60 1U59S10
Multiple Service			
Channel Termination	TUZ9X 1,790.40 TUZ9X3	TUZ9X 1,562.75 TUZ9X5	TUZ9X 1,455.45 TUZ9X10
Interoffice Mileage: Fixed Rate	1W59S 908.55	1W59S 831.25	1W59S 698.80
Per Mile Rate	1W59SF3 1W59S 75.90 1W59S3	1W59SF5 1W59S 64.45 1WF9S5	1W59SF10 1W59S 58.25 1W59S10
First (B) Nonrecurring Charge	USOC TUT9X \$637.00 NTUT9X	Additional TUT9X \$496.00 NTUZ9X	

⁽¹⁾ Anyone purchasing these services on behalf of customers must charge these rates and charges to the said customer.

⁽²⁾ Monthly recurring rates are further discounted if the customer orders multiple DS3 services (same rate period, same serving arrangement and same installation date).

11. SPECIAL STATE GOVERNMENT FSA (Cont'd)

11.4 Rates and Charges

11.4.1 Multiplexing Service

(A) Monthly Recurring Rates, per Multiplexer

	<u>USOC</u>	3 Year Maximum <u>Rate</u>	<u>USOC</u>	5 Year Maximum <u>Rate</u>	<u>USOC</u>	10 Year Maximum <u>Rate</u>
DS3 to DS1	MQ3 MQ3G3	\$923.00	MQ3 MQ3G5	\$853.00	MQ3 MQ3G10	\$750.00
DS1 to VG	MQ1 MQ1G3	220.00	MQ1 MQ1G5	220.00	MQ1 MQ1G10	220.00
DS1 to DS0	MQ6 MQ6G3	220.00	MQ6 MQ6G5	220.00	MQ6 MQ6G10	220.00
DS0 to Subrate						
2.4 Kbps	QSU24 QSU240	210.00 33	QSU24 QSU24G	210.00 5	QSU24 QSU24G1	210.00 0
4.8 Kbps	QSU48 QSU480	120.00 33	QSU48 QSU48G	120.00 5	QSU48 QSU48G1	120.00 0
9.6 Kbps	QSU96 QSU960	105.00 33	QSU96 QSU96G	105.00 5	QSU96 QSU96G1	105.00 0

(B) Nonrecurring Charges

DS3 to DS1 MQ3 \$202.00 NMQ3G

11. SPECIAL STATE GOVERNMENT FSA (Cont'd)

11.5 Individual Service Agreements

A separate Individual Service Agreement, between the customer and the telephone company providing the service, will be required per service arrangement provided pursuant to this section of the tariff. The Individual Service Agreement will specify at a minimum the following items:

Type of Service (i.e. DS3 or DS1)
Service Locations
Rate Period
Rates and Charges
Installation Date (start date of the rate period)

11.6 Price List

The telephone company shall maintain on file with the Commission a current Price List for the services described in this section of the tariff. The rates the Telephone Company will apply upon the execution of an ISA will be the rates on the currently effective Price List provided to the Commission. Any service a customer purchases pursuant to this tariff will be rated from the Telephone Company's current Price List for the duration of the rate period unless the customer elects to take advantage of a Price List decrease as provided in paragraph 11.3.2(D). The Telephone Company will provide written notice and the proposed new Price List to the Commission thirty (30) days prior to the effectiveness of any proposed rate change.(1)

11.7 Credits for Service Interruptions

Credits or adjustments for service interruptions are governed by will be handled pursuant to the service interruption regulations specified in Section 2 of this tariff.

11.8 Optional Features

Additional optional features available with the digital services provided pursuant to this Section of the tariff, such as Service to Service Through Connect Arrangements, Automatic Loop Transfer, transfer arrangements and individual loop terminations for hubbing/multiplexing arrangements (i.e. channel terminations for voice grade, analog or digital data terminations), will be provided at standard tariff rates.

(1) A waiver of OAC 165:55-5-2 was granted by the Commission by Order No. 383333 issued in Cause No. PUD94000350.

		Price List				
DS1 Service, Per DS1	USOC	3 Year Maximum Rate	USOC	5 Year Maximum Rate	USOC	10 Year Maximum Rate
Channel Termination	TUT8X TUT8X3	\$100.00	TUT8X TUT8X5	\$100.00	TUT8X TUT8X10	\$100.00
Channel Mileage						
Fixed Rate	1U58S 1U58SF3	85.00	1U58S 1U58SF5	85.00	1U58S 1U58SF10	85.00
Per Mile Rate	1U58S 1U58S3	15.50	1U58S 1U58S5	15.50	1U58S 1U58S10	15.50
Nonrecurring Charge	TUT8X NTUT8X	460.00				
DS3 Service						
Single Service Channel Termination	TUT9X TUT9X3	1,845.75	TUT9X TUT9X5	1,645.00	TUT9X TUT9X10	1,565.00
Fixed Rate	1U59S 1U59SF3	936.65	1U59S 1U59SF5	875.00	1U59S 1U59SF10	751.40
Per Mile Rate	1U59S 1U59S3	78.25	1U59S 1U59S5	67.80	1U59S 1U59S10	62.60
Channel Termination	TUZ9X TUZ9X3	1,790.40	TUZ9X TUZ9X5	1,562.75	TUZ9X TUZ9X10	1,455.45
Fixed Rate	1W59S 1W59SF3	908.55	1W59S 1W59SF5	831.25	1W59S 1W59SF10	698.80
Per Mile Rate	1W59S 1W59S3	75.90	1W59S 1W59S5	64.45	1W59S 1W59S10	58.25
	USOC	First	USOC	Additional		
	TUT9X	637.00	TUT9X	496.00		
Marie Control De Marie	NTUT9X	0.14	NTUZ9X	F. \/		40.1/
Multiplexing Service, Per Multiplexer		3 Year		5 Year		10 Year
		Monthly	11000	Monthly		Monthly
	<u>USOC</u>	<u>Rate</u>	<u>USOC</u>	<u>Rate</u>	<u>USOC</u>	<u>Rate</u>
<u>Multiplexing Type</u>						
	MQ3 MQ3G3	923.00	MQ3 MQ3G5	853.00	MQ3 MQ3G10	750.00
DS1 to VG	MQ1 MQ1G3	220.00	MQ1 MQ1G5	220.00	MQ1 MQ1G10	220.00
DS1 to DSO	MQ6 MQ6G3	220.00	MQ6 MQ6G5	220.00	MQ6 MQ6G10	220.00
DSO to Subrate						
	QSU24 QSU24G3	210.00	QSU24 QSU24G5	210.00	QSU24 QSU24G10	210.00
4.8 Kbps	QSU48 QSU48G3	120.00	QSU48 QSU48G5	120.00	QSU48 QSU48G10	120.00
9.6 Kbps	QSU96 QSU96G3	105.00	QSU96 QSU96G5	105.00	QSU96 QSU96G10	105.00
	MQ3 NMQ3G	202.00				

⁽¹⁾ Monthly recurring rates are further discounted if the customer orders multiples DS3 services (same rate period, same serving arrangement and same installation date).

12.	CARR	RRIER COMMON LINE SERVICE					
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12.	CARRIER COMMON LINE SERVICE (Cont'd)						
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12. CARRIER COMMON LINE SERVICE

12.1 General

Carrier Common Line charges are applicable in conjunction with Switched Access Service provided in Section 4 of this tariff.

12.2 <u>Description of Carrier Common Line Access Service</u>

12.2.1 <u>Description</u>

Carrier Common Line charges compensate the Telephone Company for the use of Telephone Company provided common lines by customers for access to end users in furnishing Intrastate Communications.

A Special Access Surcharge will apply to intrastate Special Access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 5.6.9.

12.2.2 Limitations

(A) Exclusions

Neither a telephone number nor detail billing are provided with Carrier Common Line access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line access.

(B) WATS/WATS-type Access Lines

Where Switched Access Services are connected with Special Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS/WATS-type Services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS/WATS-type services and terminating minutes for inward WATS/WATS-type services) shall not be assessed Carrier Common Line per minute charges with the following exception. Carrier Common Line per minute charges shall apply when FGA or FGB Switched Access is ordered from a nonequal access Telephone Company end office or access tandem that does not have measurement capabilities, (i.e., cannot create an Automatic Message Accounting record).

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.3 Obligations of the Customer

12.3.1 Switched Access Service Requirement

Switched Access Service associated with the Carrier Common Line charges shall be ordered by the customer under other sections of this tariff.

12.3.2 Supervision

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

12.4 Rate Regulations

12.4.1 <u>Description and Application of Rates</u>

(A) Billing of Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in (E) following, except as set forth in (D) following and 12.4.3(D).

(B) Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Telephone Company equipment except as set forth in (C) following and FGC operator and automated operator services systems call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit card, third number and/or other like calls recorded by the customer. The Telephone Company measuring and recording equipment, except as set forth in (C) following, will be associated with end office or access tandem switching equipment and will record each originating and terminating access minute, as described in 4.5.2(O), where answer supervision is received. The accumulated access minutes will be summed on a line by line or trunk by trunk basis, by access group or by end office, which ever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

(C) Unmeasured Feature Group A and B Usage

When Carrier Common Line charges are applicable in association with FGA or FGB Switched Access Service in Telephone Company offices that are not equipped for measurement capabilities, an assumed average interstate access minutes will be used to determine Carrier Common Line charges. These assumed access minutes are as set forth in 4.5.2(O)(3) and 4.6.7.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.1 Description and Application of Rates (Cont'd)

(D) Mixed Interstate and Intrastate Usage

When the customer reports interstate and intrastate use of Switched Access Service, Carrier Common Line charges, as set forth in 12.5, will be billed only to intrastate Switched Access Service access minutes based on the data reported by the customer, as set forth in 4.3.2 and 4.5.2(J), except where the Telephone Company is billing according to actual usage by jurisdiction. Intrastate Switched Access Service access minutes will, after adjustment as set forth in 12.4.3(D), when necessary, be used to determine Carrier Common Line charges as set forth in (E).

(E) Determination of Originating and Terminating Charges

After the adjustments, as set forth in (D) above and 12.4.3(D), have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

- (1) Carrier Common Line charges shall not be reduced, as set forth in 12.4.3(A), unless Switched Access charges, as set forth in Section 4, are applied to the customer's Switched Access Services.
- (2) Terminating access, per minute charge(s) apply to:
 - all terminating access minutes of use;
 - less those terminating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs);
 - all originating access minutes of use associated with FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
 - all originating access minutes of use associated with calls placed to Service Access Code numbers, less those originating access minutes of use associated with calls placed to 500, 700, 800 and 900 numbers for which the customer furnishes a report of either the number of minutes or a report of the percent of minutes that terminate to a subscriber or common line, rather than a dedicated access line. This report will be provided by the customer on a quarterly basis, indicating for each month thereof or quarter, the information as set forth preceding in order to calculate the common line charges.

The customer will provide a report indicating separate common line information for 500, 700, 800 and 900 access minutes, at a statewide level and by jurisdiction. This report shall also include the applicable Access Customer Name Abbreviation [ACNA(s)].

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.1 <u>Description and Application of Rates</u> (Cont'd)

(E) <u>Determination of Originating and Terminating Charges</u> (Cont'd)

(2) (Cont'd)

The report will be based on the calendar year and will be due by the 15th day of the month preceding the quarter for which it is to be applied in order to become effective with the first full month of usage. Should the report be received after the 15th day of the month, the Telephone Company will make every effort to process the report as set forth above. When received by the Telephone Company as described herein, the quarterly report will be used for calculating common line charges on a current bill basis for the next three months usage.

Prorating or backbilling will not occur based on the report. Any under or over estimation should be reflected in the subsequent quarterly report.

If a billing dispute arises concerning the customer provided report, the Telephone Company will request the customer to provide the data used to develop the report. The Telephone Company will not request such data more than once a year. The customer shall supply the data within 30 days of the Telephone Company's request.

In the event the customer fails to provide a quarterly report, the Telephone Company will use the previously reported information to calculate the common line charges.

- (3) The originating premium or nonpremium per minute charge(s) apply to:
 - all originating access minutes of use;
 - less those originating access minutes of use associated with FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
 - less all originating access minutes of use associated with calls placed to Service Access Code numbers;
 - less those originating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs);
 - plus all originating access minutes of use associated with calls placed to 500, 700, 800 and 900 numbers for which the customer furnishes a report of either the number of minutes or a report of the percent of minutes that terminate to a subscriber or common line, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (4).

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.2 Determination of Usage Subject to Carrier Common Line Charges

Except as set forth herein, all Switched Access Service provided to the customer will be subject to Carrier Common Line charges.

(A) <u>Determination of Jurisdiction</u>

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line charges for intrastate usage will be determined as set forth in 4.3.2 and 4.5.2(J).

(B) Cases Involving Usage Recording By the Customer

Where FGC end office switching is provided without Telephone Company recording and the customer records minutes of use to determine Carrier Common Line charges (i.e., FGC operator and calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit card, third number and/or other like calls), the customer shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the customer does not furnish the data, the customer shall identify all Switched Access Services which could carry such calls in order for the Telephone Company to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.

(C) Local Exchange Access and Enhanced Services Exemption

When access to the local exchange is required to provide a customer service (e.g., MTS/WATS-type, telex, Data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 4, will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line charges, as set forth in 12.5, apply in accordance with the resale rate regulations as set forth in 12.4.3(D).

(D) (Reserved for Future Use)

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services

(A) Scope

Where the customer is reselling MTS/MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain FGA, FGB or FGD Switched Access Service under this tariff, as set forth in Section 4, for originating and/or terminating access in the local exchange. Such access group arrangements, whether single lines or trunks or multiline hunt groups or trunk groups, will have Carrier Common Line charges, as set forth in 12.5, applied in accordance with the resale rate regulations set forth in (D) following. For purposes of administering this provision:

Resold intrastate terminating MTS/MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges.

Resold intrastate originating MTS/MTS-type service(s) shall not include collect, third number, credit card minutes of use.

(B) Customer Obligations Concerning the Resale of MTS/MTS-type Services

When the customer is reselling MTS/MTS-type service, as set forth in (A preceding, the customer will be charged Carrier Common Line charges in accordance with the resale rate regulations, as set forth in (D) following, if the customer or the provider of the MTS/MTS-type service furnishes documentation of the MTS/MTS-type usage. Such documentation shall be supplied each month by the customer and shall identify the involved resold MTS/MTS-type services.

The monthly period used to determine the minutes of use for resold MTS/MTS-type service(s) shall be the most recent monthly period for which the customer has received a bill for such resold service(s). This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold MTS/MTS-type service bill. If the required information is not received by the Telephone Company, the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation has been received by the Telephone Company.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services (Cont'd)

(C) Resale Documentation Provided By the Customer

When the customer utilizes Switched Access Service, as set forth in (B) preceding, the Telephone Company may request a certified copy of the customer's resold MTS/MTS-type usage billing from either the customer or the provider of the MTS/MTS-type service. Requests for billing will relate back no more than 12 months prior to the current billing period.

(D) Rate Regulations Concerning the Resale of MTS/MTS-type Services

When the customer is provided an access group to be used in conjunction with the resale of MTS/MTS-type services, as set forth in (A) preceding, subject to the limitations, as set forth in 12.2.2, and the billing entity receives the usage information required, as set forth in (B) preceding, to calculate the adjustment of Carrier Common Line charges, the customer will be billed, as set forth in (4), (5) or (6) following, depending upon, respectively, whether the usage is from nonequal access offices, equal access offices or a combination of the two.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services (Cont'd)

(D) Rate Regulations Concerning the Resale of MTS/MTS-type Services (Cont'd)

(1) Apportionment and Adjustment of Resold Minutes of Use

When the customer is provided with more than one access group in a LATA in association with the resale of MTS/MTS-type services, the resold minutes of use will be apportioned as follows:

(a) Originating Services

The Telephone Company will apportion the resold originating MTS/MTS-type services and originating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for each access group to the total originating usage for all access groups in the LATA. For purposes of administering this provision:

Resold originating MTS/MTS-type services minutes shall be only those attributable to intrastate originating MTS/MTS-type minutes and shall not include collect, third number or credit card minutes of use.

The resale credit adjustment shall apply for resold originating MTS/MTS-type services and minutes of use, provided Carrier Common Line and Switched Access charges have been assessed on such services.

(b) Terminating Services

The Telephone Company will apportion the resold terminating MTS/MTS-type services and terminating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

Resold terminating MTS/MTS-type services minutes shall be only those attributable to intrastate terminating MTS/MTS-type minutes of use (i.e., collect, third number, and credit card) and shall not include MTS/MTS-type minutes of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS/MTS-type services and minutes of use, provided Carrier Common Line and Switched Access charges have been assessed on such services.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services (Cont'd)

(D) Rate Regulations Concerning the Resale of MTS/MTS-type Services (Cont'd)

(2) Same State/Telephone Company/Exchange Limitation

In order for the rate regulations to apply, as set forth in (4), (5) or (6) following, the access groups and the resold MTS/MTS-type services must be provided in the same state (except when the same extended area service arrangement is provided in two different states by the same Telephone Company) in the same exchange, provided by the same Telephone Company and connected directly or indirectly. For those exchanges that encompass more than one state, the customer shall report the information by state within the exchange.

(3) Direct and Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS/MTS-type services must be connected either directly or indirectly to the customer designated premises at which the resold MTS/MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS/MTS-type services are terminated at the same customer designated premises.

Indirect originating connections are those arrangements where the access groups and the resold originating MTS/MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS/MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS/MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS/MTS-type services to access groups.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services (Cont'd)

(D) Rate Regulations Concerning the Resale of MTS/MTS-type Services (Cont'd)

(4) Access Groups - Nonequal Access Offices Only

The adjustments, as set forth here and in (5) and (6) following, will be computed separately for each access group.

When all the usage on an access group originates from and/or terminates to end offices that have not been converted to equal access, the nonpremium charge per minute, as set forth in 12.5, will apply. The access minutes which will be subject to Carrier Common Line charges will be the adjusted originating intrastate access minutes for such access groups.

The adjusted originating access minutes will be the originating intrastate access minutes less the reported resold originating MTS/MTS-type service minutes of use, as set forth in (1)(a) preceding, but not less than zero. The adjusted terminating access minutes will be the terminating intrastate access minutes less the reported resold terminating MTS/MTS-type service minutes of use, as set forth in (1)(b) preceding, but not less than zero.

(5) Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and/or terminates to end offices that have been converted to equal access, the premium charge per minute, as set forth in 12.5, will apply. The minutes billed Carrier Common Line charges will be the adjusted originating intrastate access minutes and the adjusted terminating intrastate access minutes for such access groups.

The adjusted originating access minutes will be the originating intrastate access minutes less the reported resold originating MTS/MTS-type service minutes of use, as set forth in (1)(a) preceding, but not less than zero. The adjusted terminating access minutes will be the terminating intrastate access minutes less the reported resold terminating MTS/MTS-type service minutes of use, as set forth in (1)(b) preceding, but not less than zero.

12. CARRIER COMMON LINE SERVICE (Cont'd)

- 12.4 Rate Regulations (Cont'd)
 - 12.4.3 Resold Services (Cont'd)
 - (D) Rate Regulations Concerning the Resale of MTS/MTS-type Services (Cont'd)
 - (6) Access Groups Nonequal Access and Equal Access Offices

When an access group has usage that originates from and/or terminates to both end offices that have been converted to equal access and end offices that have not been converted, both premium and nonpremium per minute charges, as set forth in 12.5, will apply respectively. The minutes billed Carrier Common Line charges will be the adjusted originating intrastate access minutes plus the adjusted terminating intrastate access minutes for such access groups.

The adjusted originating access minutes will be the originating intrastate access minutes less the reported resold originating MTS/MTS-type service minutes of use, as set forth in (1)(a) preceding, but not less than zero. The adjusted terminating access minutes will be the terminating intrastate access minutes less the reported resold terminating MTS/MTS-type service minutes of use, as set forth in (1)(b) preceding, but not less than zero.

The adjusted originating access minutes and the adjusted terminating access minutes will be apportioned between premium and nonpremium access minutes using end-office specific usage data when available, or when usage data are not available, usage ratios, as set forth in 4.5.2(N)(1) and 4.5.2(N)(6), will be utilized. The premium and nonpremium per minute charges set forth in 12.5 will apply to the respective premium and nonpremium access minutes determined in this manner.

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.4 Rate Regulations (Cont'd)

12.4.3 Resold Services (Cont'd)

(D) Rate Regulations Concerning the Resale of MTS/MTS-type Services (Cont'd)

(7) When the Adjustment Will Be Applied to Customer Bills

The adjustment, as set forth in (4), (5) and (6) preceding, will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained.

(8) Conversion of Billed Usage to Minutes

When the MTS/MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS/MTS-type minutes of use. If the MTS/MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

(9) Mixed Interstate and Intrastate Usage

The adjustment, as set forth in (4), (5) and (6) preceding, will be made to the involved customer account after making the adjustments to the customer account, as set forth in 4.5.2(J).

WINDSTREAM COMMUNICATIONS SOUTHWEST

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Order No. 614984

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FACILITIES FOR STATE ACCESS

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.5 Rates and Charges

	<u>Premium Rate</u>			
	Per	Per		
	Originating	Terminating		
	Access Minute	Access Minute		
Valor Telecommunications	\$.0122000	\$.0000	(CR)	
Windstream Oklahoma, LLC	.0122000	.0000	(CR)	
Oklahoma Windstream, LLC	.0122000	.0000	(CR)	

12.6 (Reserved for Future Use)

ISSUED: May 28, 2013 EFFECTIVE: July 2, 2013

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 13 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

13. (Reserved for Future Use)

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 14 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

14. (Reserved for Future Use)

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15. COIN SERVICES

15.1 General

This section contains the rules and regulations pertaining to the provision of 1+ Coin Presubscription Service for the handling of 1+ interLATA sent-paid traffic from the Telephone Company's pay telephones.

15.2 Service Description

1+ Coin Presubscription Service provides the routing of 1+ interLATA sent-paid calls from Telephone Company pay telephones to the presubscribed 0+ Interexchange Carrier (customer) directly, to its designated secondary service provider, or to the default carrier, provided said carrier continues to accept such default traffic. The default carrier option will expire when the default carrier ceases to accept such traffic or when the presubscribed 0+ provider is able to handle such calls or route them to secondary service provider, whichever comes first. The customer has the following options:

- (1) to receive both 0+ and 1+ interLATA calls originated from Telephone Company pay telephones; or,
- (2) to receive the 0+ interLATA calls and select one secondary service provider per LATA to receive the 1+ interLATA sent-paid traffic; or,
- (3) to receive the 0+ interLATA calls and continue to default the 1+ interLATA sent-paid calls until the presubscribed 0+ provider is ready to handle (to receive both 0+ and 1+ interLATA calls or to receive 0+ interLATA calls and select a secondary service provider per LATA for 1+ interLATA calls) such calls.

The customer is solely responsible for all 0+ and 1+ interLATA calls originating from the Telephone Company pay telephone when it handles 1+ interLATA sent-paid traffic or selects a secondary service provider to handle the 1+ interLATA sent-paid calls.

The Telephone Company must receive written authorization from the customer prior to routing 1+ interLATA sent-paid calls to the selected secondary service provider. If the customer selects a secondary service provider to handle 1+ interLATA sent-paid traffic, any arrangements will be solely between the customer and its selected secondary service provider.

15.3 <u>Service Provisioning</u>

The Telephone Company will provide 1+ interLATA sent-paid access from equal access end offices to the customer's designated location via direct routed trunks from the end office or via the Traffic Operator Position System (TOPS) tandems. When the customer orders Modified Operator Services Signaling (MOSS) between a TOPS tandem and the CDL, the customer will be required to order a separate and final trunk group from the TOPS tandem to the CDL for each Numbering Plan Area (NPA) within a LATA to identify the coin originating NPA.

The Telephone Company will provide, where available, two types of call setup signaling from its pay telephone, MOSS and Exchange Access Operator Services System (EAOSS) signaling from the TOPS to the CDL. If the equal access end office is equipped with EAOSS functionality, MOSS or EAOSS signaling can be provided via direct trunking from the end office to the CDL at the customer's option. If the equal access end office is equipped with MOSS functionality, only MOSS will be provided for direct trunking from the end office to the CDL.

15. COIN SERVICES (Cont'd)

15.4 Collection and Remittance of Coin Station Monies

When the customer is provided Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access as set forth in Section 4., the Telephone Company will collect sent-paid monies from pay telephone stations and will remit monies to the customer as set forth in 15.6.4. The Telephone Company will provide message call detail format and bill periods used to determine the monies upon request from the customer.

15.5 Provision of Message Call Detail Concerning Coin Station Monies

Where Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access is provided to the customer and the customer wishes to receive the monies it is due for the monies collected by the Telephone Company from coin pay telephone stations, the customer shall furnish to the Telephone Company, at a location specified by the Telephone Company, the customer message call detail for the customer sent-paid (coin) pay telephone calls in accordance with the Telephone Company collection schedule. The customer message call detail furnished shall be in a standard format established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required standard format. If, in the course of Telephone Company business, it is necessary to change the standard format, the Telephone Company will provide notification to the involved customer six months prior to the change. If no customer message call detail is received from the customer for each bill period established by the Telephone Company, the Telephone Company will assume there were no customer sent-paid (coin) pay telephone calls for the period. In addition the customer shall furnish a schedule of its charges for sent-paid (coin) calls to the Telephone Company at a location and date as specified by the Telephone Company. Any change in the customer's schedule of charges shall be furnished to the Telephone Company one day after the change becomes effective.

15.6 Payment of Coin Sent-Paid Monies

The Telephone Company will collect the monies from coin pay telephone stations and will determine the remit amounts due to a customer which is provided Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access as set forth in Section 4. as follows:

15.6.1 <u>Bill Period Coin Revenue</u>

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule. The monies collected based on this schedule during each bill period established by the Telephone Company will be identified by coin pay telephone station and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the customer).

15.6.2 <u>Total Customer Coin Revenue</u>

The intrastate Total Customer Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the customer's schedule of charges for sent-paid coin calls. Such Total Customer Coin Revenue will be developed each coin record day.

15. COIN SERVICES (Cont'd)

15.6 Payment of Coin Sent-Paid Monies (Cont'd)

15.6.3 Recourse Adjustments

For each coin record day, the Telephone Company will subtract from the total customer Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations and coin refunds beyond the Telephone Company's control. Such amount for coin station shortages will be developed by the Telephone Company by multiplying the Total Customer Coin Revenue for each coin record day by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e., total coin revenue equals the Coin Revenue due under exchange tariffs, state toll tariffs and interstate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through an annual special study.

15.6.4 Payment of Net Customer Coin Revenue

The Telephone Company will determine the Net Customer Coin Revenue for each coin record day by subtracting from the Total Customer Coin Revenue determined as set forth in (2) preceding the amount for coin station shortages determined as set forth in (3) preceding. On the date (payment date) determined by adding 45 days to the coin record day, the Telephone Company will remit payment to the customer for the Net Customer Coin Revenue.

15.6.5 Audit Provisions

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer. Adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

All information received or reviewed by the customer or its authorized representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

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16. ADVANCED COMMUNICATIONS NETWORKS

16.1 Frame Relay Service

(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56/64* Kbps, 128 Kbps, 256 Kbps, 384 Kbps, 1.544 Mbps, or 45 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The customer premises equipment then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC path.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union, formerly Consultative Committee for International Telegraph and Telephone ([CCITT]) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

The Committed Information Rate (CIR) and the Excess Burst Size (Be) are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

The Optional Payment Plan (OPP) arrangements are available as set forth under 16.1.(E)(4).

^{*} Upon request and where available.

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 Frame Relay Service (Cont'd)

(B) Service Provisioning

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, or Frame Relay UNI Port Only, Frame Relay Network-to-Network (NNI) Port Only, Frame Relay NNI Public Access based on Committed Information Rate (CIR), and CIR based Permanent Virtual Circuits (PVCs). The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service. 45 Mbps is not offered bundled with the Frame Relay Access Line. 45 Mbps is available on a UNI or NNI port only basis and the DS3 access 45 line is obtained from Section 5. The Frame Relay UNI and NNI Port Only offerings are provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5. For unbundled services, both the port and the digital special access line must be ordered by and billed to one customer.

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 Frame Relay Service (Cont'd)

(B) Service Provisioning (Cont'd)

PVCs are provisioned on either 56/64 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, DS1 or DS3 ports, depending upon the customer's networking requirements. The actual throughput of aggregated PVC bandwidth in use at the same time on the same port cannot exceed the port speed. Since multiple PVCs may be defined on one physical port, it is possible for the cumulative CIRs to exceed the physical bandwidth of that port. This is referred to as over-subscription and when this occurs, there can be no guarantee that the CIR defined for that port and PVC will be available at any point in time.

No PVC can have a CIR greater than the lower of the two port speeds connected by the PVC segment.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A separate entity may subscribe, with written authorization from the Controller, to a PVC which allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the Controller may order the disconnect of the Frame Relay Access Service. Both customers must have a Frame Relay Service. The Controller of each Frame Relay Access Service must have written permission from the Controller(S) of each of the Frame Relay Services to which a PVC is requested.

The Frame Relay Port with CIR-PVC capacity may be ordered and billed separately from an associated frame relay port and PVC and can have different customers as Controllers.

The customer must specify at service subscription the Committed Information Rate (CIR) and the Excess Burst Size (Be) for each PVC ordered. CIR is the maximum information rate at which the customer's traffic will be admitted to the Frame Relay network without being designated eligible for discard.

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 Frame Relay Service (Cont'd)

(B) Service Provisioning (Cont'd)

The Telephone Company does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

Frame Relay Service is available where facilities and conditions permit.

(C) Obligations of the Telephone Company

In addition to the general conditions described in Section 2, when a customer requests a path which is related to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing the associated PVC.

The Telephone Company has the service responsibility up to and including the network interface.

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay Switch out of service, during the predetermined maintenance window of 12:01 A.M. and 06:00 A.M. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Telephone Company reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.1 Frame Relay Service (Cont'd)

(D) Obligations of the Customer

In addition to the general conditions described in Section 2:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.
- The customer, upon request, shall furnish such information as may be required to permit the
 Telephone Company to design and maintain the Frame Relay Service it offers and to assure that
 the service arrangement is in compliance with the regulations contained herein. At service
 subscription, the customer will be expected to specify the CIR-PVC capacity and B(e) for each
 PVC ordered.
- It shall be the responsibility of the customer to ensure the continuing compatibility of the customerprovided equipment (CPE) that is used in conjunction with the Frame Relay Service. The CPE shall be in compliance with FCC rules and regulations.
- The customer shall be responsible for obtaining permission for the Telephone Company's agents
 or employees to enter the premises of the customer or its users at any reasonable hour for the
 purpose of installing, inspecting, repairing, or, upon termination of the service, removing the
 service components of the Telephone Company.
- Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the Be, with bad addresses, or other errors, will be discarded on ingress to the network.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.1 Frame Relay Service (Cont'd)

(E) Rate Regulations

(1) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under an Optional Payment Plan (OPP) arrangement. The regulations applicable to Frame Relay Service provided under an OPP arrangement are specified under 16.1(E)(4). CIR based PVCs and Public NNI Access are not offered under an OPP. When PVCs are added to an existing Frame Relay Service, the minimum period for the added PVCs is one month.

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, or 1.544 Mbps), apply per port for each physical connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs.

(b) Frame Relay UNI or NNI Port only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs.

(1) Network-to-Network Interface (NNI) Port Only.

The NNI port configuration is used for connecting two networks together for bidirectional messaging. Access facilities and special transport to the nearest Telephone Company switch are available from Section 5.

(2) User-to-Network Interface (UNI) Port Only.

The UNI port provides for a user to carrier connection (i.e., end user customer to Windstream). Access facilities and special transport to the nearest Frame Relay capable serving wire center are available from Section 5.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.1 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(2) Rate Elements (Cont'd)

(c) Frame Relay PVC CIR Capacity

A monthly rate applies for the CIR-PVC capacity for each PVC requested by the customer. The customer must specify the CIR and Excess Burst B(e) desired at the time the order is placed.

Customers may order Express PVC-1 or Express PVC-2 to prioritize PVCs at a higher rate than CIR-PVCs. Express PVC will help ensure maximum performance and satisfaction for applications such as, Voice Over Frame Relay. The above conditions apply to Express PVC.

(3) Rate Application

A customer may access Frame Relay Service via a Frame Relay Access Line or via Telephone Company provided digital access facilities offered under Section 5. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay UNI or NNI Port Only charge set forth under 16.1(F)(1)(b) or 16.1(F)(1)(c) respectively for standard arrangements. The UNI Port provides for a user to frame relay switch connection; the NNI Port provides for a frame relay switch to frame relay switch connection.

The Frame Relay Port (unbundled or bundled with an access line) and its associated CIR-PVC segment(s) may be ordered and billed separately from an associated frame relay port and PVC and can have different Controllers, as discussed under 16.1(B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (E) Rate Regulations (Cont'd)
 - (3) Rate Application (Cont'd)
 - (d) CIR-PVC Subsequent Order Charges

When a customer orders additional PVCs or B(e) or changes PVC or B(e) assignments on a Frame Relay port after the initial port installation, the CIR-PVC Subsequent Order Charge shall apply per order.

(e) Excess burst B(e) Size

For a size of 250 Kbps or higher, an Excess Burst B(e) size monthly recurring charge may be applicable. B(e) is uncommitted data.

Administrative changes to existing service will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name, i.e., the customer or record does not change but rather the name of record changes its name, e.g., XYZ Company to XYZ Communications.
- Change of customer premises address when the change of address is not a result of a physical relocation of facilities,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number, and
- Change of customer service element identification.
- (4) Optional Payment Plan (OPP)
 - (a) General
 - (1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (E) Rate Regulations (Cont'd)
 - (4) Optional Payment Plan (OPP) (Cont'd)
 - (a) General (Cont'd)
 - (2) The Frame Relay UNI Port with Access Line, the Frame Relay UNI or NNI Port Only rate elements are available under a OPP. CIR-PVC Capacity is not offered under an OPP. Digital special access lines and additional features are available at their tariffed rates and regulations.
 - (3) Frame Relay OPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.
 - (4) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP rates will flow through to the three year and five year OPP rates.
 - (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 16.1(F)(2) regardless of when they subscribe to a OPP arrangement. Rate elements must be ordered under the same OPP period.
 - (6) The customer must designate on the ASR/Order the payment period for the OPP.
 - (7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.
 - (8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (E) Rate Regulations (Cont'd)
 - (4) Optional Payment Plan (OPP) (Cont'd)
 - (a) General (Cont'd)
 - (b) Changes in Length of OPP Period

Prior to the completion of the selected OPP period, the customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new OPP period is shorter in length that the time remaining under the existing OPP, the change to the new OPP period constitutes a discontinuance of the existing OPP service and termination liability charges apply.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (E) Rate Regulations (Cont'd)
 - (4) Optional Payment Plan (OPP) (Cont'd)
 - (c) Renewal Options
 - (1) At the expiration of a OPP period, the Telephone Company will automatically renew the service at the same OPP period unless the customer chooses to convert to a different OPP period, convert to month-to-month rates or discontinue service.
 - (2) Conversion to a different OPP period will require the customer to submit a change order ASR/Order. Conversion of existing OPP service to a different OPP period will be allowed without application of any nonrecurring or ordering charges.
 - (3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.
 - (d) Notification of Discontinuance

An ASR for discontinuance of a OPP arrangement must be received by the Telephone Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Telephone Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.1 Frame Relay Service (Cont'd)

(E) Rate Regulations

- (4) Optional Payment Plan (OPP) (Cont'd)
 - (e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a OPP period, subject to the following conditions:

- Both the existing and the new services are provided solely by the Company.
- The order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by the Company at the same time.
- The new service will be provided at the same customer location as the discontinued service.
- The fixed-period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan.
- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period.
- The monthly rates for the upgraded services and/or service elements will be those in effect at the time of the service upgrade. The upgraded service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) or meets the requirements set forth in Section 5.6.4(B)2.
- Nonrecurring Charges will not apply to the Upgraded Port or Port Access Line.
- Nonrecurring Charges are applicable for all other services.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - E) Rate Regulations (Cont'd)
 - (4) Optional Payment Plan (OPP) (Cont'd)
 - (f) Termination Liability

When a OPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the OPP period in effect at the time of disconnect.

One Year OPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

(g) Termination Without Liability

During a OPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the OPP arrangement without penalty or liability.

(h) Credit of Termination Liability

Credit of termination liability charges for Frame Relay may be applicable in the case of reestablishment of similar Frame Relay Service of equal or higher speeds within six (6) months of termination for the same length as the OPP. The amount of credit will be one-sixth of the penalty times the number of months service is established until the sixth month.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.1 Frame Relay Service (Cont'd)

(F) Rates and Charges

(1) Standard Arrangements

(a) Frame Relay UNI Port and Access Line, each

	56/64#_	Kbps_
	Nonrecurring	Monthly
	<u>Charge</u>	Rate
(USOC)		(FP8)
(ISOC)	54804	54800
,	\$295.00	\$110.00

	128 Kb	os	256 Kbps	<u>s</u>
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	Rate	<u>Charge</u>	Rate
(USOC)		(FP8)		(FP8)
(IOSC)	54817	54805	54817	54809
	\$395.00	\$200.00	\$395.00	\$280.00

	384 Kb	os	1.544 N	<u>lbps</u>
	Nonrecurring	Monthly	Nonrecurring	Monthly
	<u>Charge</u>	Rate	<u>Charge</u>	Rate
(USOC)		(FP8)		(FP8)
(IOSC)	54817	54813	54822	54818
` ,	\$395.00	\$365.00	\$395.00	\$530.00

Upon request and where available.

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (b) Frame Relay UNI Port Only, each@

	56/64# Kbp	os	128 Kbps (2x64 K	(bps/FT1)
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	Rate	Charge	Rate
(USOC)		(FP9)		(FP9)
(IOSC)	54827	54823	54840	54828
	\$80.00	\$45.00	\$150.00	\$80.00
	256 Kbps (4)	x64 Kbps/FT1)	384 Kbps (6x64	Kbps/FT1)
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	Rate	Charge	Rate
(USOC)		(FP9)		(FP9)
(ISOC)	54840	54832	54840	54836
	\$150.00	\$115.00	\$150.00	\$160.00
	1.544 Mbp	S	45 Mbps	
	Nonrecurring	Monthly	Nonrecurring	Month-to-
	<u>Charge</u>	<u>Rate</u>	<u>Charge</u>	<u>Month</u>
(USOC)		(FP9)		(FP9)
(IOSC)	54845	54841	54850	54846
	\$395.00	\$300.00	\$395.00	\$1,180.00

[@] Refer to Section 5 for the appropriate Special Access Line rate.# Upon request and where available.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (c) Frame Relay NNI Port Only, each@

	56 Kbps@	0	128 Kbps@	
	Nonrecurring	Monthly	Nonrecurring	Monthly
(USOC)	<u>Charge</u>	<u>Rate</u> (NN7)	<u>Charge</u>	<u>Rate</u> (NN7)
(IOSC)	54285	54286	54290	54291
,	\$55.00	\$30.00	\$95.00	\$45.00
	256 Kbps(<u> </u>	384 Kbps@	
	Nonrecurring	Monthly	Nonrecurring	Monthly
(11000)	<u>Charge</u>	Rate	<u>Charge</u>	Rate
(USOC) (IOSC)	54290	(NN7) 54299		(NN7)
(1000)	\$95.00	\$115.00	\$95.00	\$ 78.00
	1.544 Mbr	os@	45 Mbps@	
	Nonrecurring	Monthly	Nonrecurring	Monthly
(11000)	<u>Charge</u>	Rate	<u>Charge</u>	Rate
(USOC)		(NN7)		(NN7)
	\$295.00	\$180.00	\$595.00	\$800.00

[@] Refer to Section 5 for the appropriate Special Access Line rate.

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (d) Frame Relay NNI Public NNI, based on CIR

	1-32 Kbps@ Nonrecurring Charge	Monthly <u>Rate</u>	33-64 Kbps@ Nonrecurring Charge	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54264) \$20.00	(54263) \$20.00	(54265) \$25.00
	65-96 Kbps@		97-128 Kbps@	
	Nonrecurring	Monthly	Nonrecurring	Monthly
	<u>Charge</u>	<u>Rate</u>	<u>Charge</u>	<u>Rate</u>
(IOSC)	(54263)	(54266)	(54263)	(54267)
	\$20.00	\$30.00	\$20.00	\$35.00
	129-192 Mbps@		193-256 Mbps@	
	Nonrecurring	Monthly	Nonrecurring	Monthly
	<u>Charge</u>	<u>Rate</u>	<u>Charge</u>	<u>Rate</u>
(IOSC)	(54263)	(54268)	(54263)	(54269)
	\$20.00	\$40.00 [°]	\$20.00	\$50.00 [°]

[@] Refer to Section 5 for the appropriate Special Access Line rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (d) Frame Relay NNI Public NNI, based on CIR (Cont'd)

	257-320 Kbps@		321-384 Kbps@	
	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54270) \$55.00	(54263) \$20.00	(54271) \$60.00
	385-512 Kbps@)	513-768 Kbps@)
	Nonrecurring Charge	Monthly <u>Rate</u>	Nonrecurring Charge	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54272) \$70.00	(54263) \$20.00	(54273) \$80.00
	769-1,152 Mbps		1,153-1,536 Mb	
	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54274) \$90.00	(54263) \$20.00	(54275) \$105.00

[@] Refer to Section 5 for the appropriate Special Access Line rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (d) Frame Relay NNI Public NNI, based on CIR (Cont'd)

	1,537-4,000 Kbps		4,001-10,000 Kbps	
	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54276) \$135.00	(54263) \$20.00	(54277) \$290.00
	10,001-15,000 Kb	ps@_	15,001-20,000 Kbr	os@
	Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly <u>Rate</u>
(IOSC)	(54263) \$20.00	(54278) \$410.00	(54263) \$20.00	(54279) \$510.00
	00.004.05.000.14		05.004.00.000.14	
	20,001-25,000 Mb Nonrecurring	<u>ps@</u> Monthly	25,001-30,000 Mb Nonrecurring	<u>ps@</u> Monthly
	<u>Charge</u>	Rate_	<u>Charge</u>	Rate
(IOSC)	(54263)	(54280)	(54263)	(54281)
	\$20.00	\$610.00	\$20.00	\$700.00

[@] Refer to Section 5 for the appropriate Special Access Line rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (d) Frame Relay NNI Public NNI, based on CIR (Cont'd)

	30,001-35,000 K	<u>bps@</u>	35,001-40,000 k	<u>Kbps@</u>
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	<u>Rate</u>	Charge	<u>Rate</u>
(IOSC)	(54263)	(54282)	(54263)	(54283)
	\$20.00	\$775.00	\$20.00	\$875.00
	40,001-45,000 K Nonrecurring Charge	ops <u>@</u> Monthly <u>Rate</u>		
(IOSC)	(54263) \$20.00	(54284) \$975.00		

[@] Refer to Section 5 for the appropriate Special Access Line rate.

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) <u>Standard Arrangements</u> (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit CIR, Based on CIR Requested
 - (1) Based on CIR Requested

N	loı	<u>nth</u>	lγ	Rate

	1-32 Kbps	33-64 Kbps	65-96 Kbps	97-128 Kbps
(USOC) (IOSC)	(CORUK) (54200) \$8.00	(CORUL) (54201) \$15.00	(CORUM) (54202) \$22.00	(CORUN) (54203) \$27.00
(USOC) (IOSC) ExpressPVC-1	<u>1-32 Kbps</u> (R01UK) 54221	33-64 Kbps (R01UL) 54222	65-96 Kbps (R01UM) 54223	97-128 Kbps (R01UN) 54224
Monthly Rate	\$10.00	\$18.75	\$27.50	\$33.75
(USOC) (IOSC) Express PVC-2	<u>1-32 Kbps</u> (R02UK) 54242	33-64 Kbps (R02UL) 54243	65-96 Kbps (R02UM) 54244	97-128 Kbps (R02UN) 54245
Monthly Rate	\$8.80	\$16.50	\$24.20	\$29.70

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit-CIR, each (Cont'd)
 - (1) Based on CIR Requested (Cont'd)

			Monthly Rate	
	129-192 Kbps	193-256 Kbps	257-320 Kbps	321-384 Kbps
(USOC) (IOSC)	(CORUO) (54204) \$36.00	(CORUP) (54205) \$42.00	(CORUQ) (54206) \$48.00	(CORUR) (54207) \$54.00
	129-192 Kbps	193-256 Kbps	257-320 Kbps	321-384 Kbps
(USOC) (IOSC)	(R01UO) (54225) \$45.00	(R01UP) (54226) \$52.50	(RO1UQ) (54227) \$60.00	(RO1UR) (54228) \$67.50
	129-192 Kbps	193-256 Kbps	257-320 Kbps	321-384 Kbps
(USOC) (IOSC) Express PVC-2	(R02UO) (54246)	(R02UP) (54247)	(RO2UQ) (54248)	(RO2UR) (54249)
Monthly Rate	\$39.00	\$46.20	\$52.80	\$59.40

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit-CIR, each (Cont'd)
 - (1) Based on CIR Requested (Cont'd)

Mo	onth	lv R	ate

	385-512 Kbps	513-768 Kbps	769-1152 Kbps	1153-1536 Kbps
(USOC) (IOSC)	(CORUS) (54208) \$60.00	(CORUT) (54220) \$70.00	(CORUU) (54209) \$80.00	(CORUV) (54210) \$90.00
(USOC) (IOSC) Express PVC-1	385-512 Kbps (R01US) (54229)	513-768 Kbps (R01UT) (54230)	769-1152 Kbps (R01UU) (54231)	1153-1536 Kbps (RO1UV) (54232)
Monthly Rate	\$75.00	\$87.50	\$100.00	\$112.50
(USOC) (IOSC) Express PVC-2	385-512 Kbps (R02US) (54250)	513-768 Kbps (R02UT) (54251)	769-1152 Kbps (R02UU) (54252)	1153-1536 Kbps (R02UV) (54253)
Monthly Rate	\$66.00	\$77.00	\$88.00	\$99.00

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit-CIR, each (Cont'd)
 - (1) Based on CIR Requested (Cont'd)

		Monthly Rate	
(USOC) (IOSC)	1,537 Kbps - 4,000 Kbps (CORUA) (54211) \$120.00	4,001 Kbps - 10,000 Kbps (CORUB) (54212) \$250.00	10,001 Kbps - 15,000 Kbps (CORUC) (54213) \$330.00
(USOC) (ISOC) Express PVC-1 Monthly Rate	1,537 Kbps - 4,000 Kbps (R01UA) (54233) \$150.00	4,001 Kbps - 10,000 Kbps (R01UB) (54234) \$312.50	10,001 Kbps - 15,000 Kbps (R01UC) (54235) \$412.50
(USOC) (ISOC) Express PVC-2 Monthly Rate	1,537 Kbps - 4,000 Kbps (R02UA) (54254) \$132.00	4,001 Kbps - 10,000 Kbps (R02UB) (54255) \$275.00	10,001 Kbps - 15,000 Kbps (R02UC) (54256) \$363.00

16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)
 - (1) Based on CIR Requested (Cont'd)

		Monthly Rate	
(USOC) (IOSC)	15,001 Kbps - <u>20,000 Kbps</u> (CORUD) (54214) \$410.00	20,001 Kbps - <u>25,000 Kbps</u> (CORUE) (54215) \$490.00	25,001 Kbps - 30,000 Kbps (CORUF) (54216) \$570.00
(USOC) (IOSC) Express PVC-1	15,001 Kbps - 20,000 Kbps (RO1UD) (54236)	20,001 Kbps - 25,000 Kbps (RO1UE) (54237)	25,001 Kbps - 30,000 Kbps (RO1UF) (54238)
Monthly Rate	\$512.50	\$612.50	\$712.50
(USOC) (IOSC) Express PVC-2	15,001 Kbps - <u>20,000 Kbps</u> (R02UD) (54257)	20,001 Kbps - <u>25,000 Kbps</u> (R02UE) (54258)	25,001 Kbps - 30,000 Kbps (R02UF) (54259)
Monthly Rate	\$451.00	\$539.00	\$627.00

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (1) Standard Arrangements (Cont'd)
 - (e) Frame Relay Permanent Virtual Circuit-CIR, each (Cont'd)
 - (1) Based on CIR Requested (Cont'd)

			Monthly Ra	<u>ite</u>	
(USOC) (IOSC)		30,001 Kbps - 35,000 Kbps (CORUG) (54217) \$650.00	35,001 Kbp 40,000 Kbp (CORUH) (54218) \$730.00)S	40,001 Kbps - 45,000 Kbps (CORUJ) (54219) \$800.00
(USOC) (IOSC) Express PVC-1 Monthly Rate		30,001 Kbps - 35,000 Kbps (R01UG) (54239) \$812.50	35,001 Kbp 40,000 Kbp (R01UH) (54240) \$912.50		40,001 Kbps - 45,000 Kbps (R01UJ) (54241) \$1000.00
(USOC) (IOSC) Express PVC-2 Monthly Rate		30,001 Kbps - 35,000 Kbps (R02UG) (54260) \$715.00	35,001 Kbp 40,000 Kbp (R02UH) (54261) \$803.00		40,001 Kbps - 45,000 Kbps (R02UJ) (54262) \$880.00
	(3)	Excess Burst Size B(e) Nonrecurring	<u>Nonthly</u>		
250 Kbps 1 Mbps	5	Charge N/A N/A	Rate \$2.00 \$5.00	<u>IOSC</u> 54313 54314	USOC BT2AX BTZBX
	(4)	<u>Additional</u>			
Ordering Charge		Nonrecurring <u>Charge</u> \$20.00	Monthly <u>Rate</u> N/A	<u>IOSC</u> 54315	<u>USOC</u> NRBFT

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP)
 - (a) Frame Relay UNI Port and Access Line, each
 - (1) <u>56/64# Kbps</u>

	Nonrecurring	One Year Monthly	Three Year Monthly	Five Year Monthly
	Charge	Rate	Rate	Rate
(USOC)	<u>Charge</u>	(FP8)	(FP8)	(FP8)
(IOSC)	54804	54801	54802	54803
	\$295.00	\$105.00	\$95.00	\$85.00

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP)
 - (a) Frame Relay UNI Port and Access Line, each (Cont'd)
 - (2) <u>128 Kbps</u>

(USOC) (IOSC)		Nonrecurring <u>Charge</u> 54817	One Year Monthly <u>Rate</u> (FP8) 54806	Three Year Monthly <u>Rate</u> (FP8) 54807	Five Year Monthly <u>Rate</u> (FP8) 54808
		\$395.00	\$180.00	\$165.00	\$160.00
	(3)	256 Kbps			
(USOC) (IOSC)		Nonrecurring <u>Charge</u> 54817	One Year Monthly <u>Rate</u> (FP8) 54810	Three Year Monthly <u>Rate</u> (FP8) 54811	Five Year Monthly <u>Rate</u> (FP8) 54812
		\$395.00	\$250.00	\$235.00	\$220.00
	(4)	384 Kbps			
(USOC) (IOSC)		Nonrecurring <u>Charge</u> 54817	One Year Monthly <u>Rate</u> (FP8) 54814	Three Year Monthly <u>Rate</u> (FP8) 54815	Five Year Monthly <u>Rate</u> (FP8) 54816
		\$395.00	\$345.00	\$335.00	\$320.00

The PVC CIR capacity rate element under 16.1(F)(1)(d)(2) will also apply.

- 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)
 - 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP)
 - (a) Frame Relay UNI Port and Access Line, each (Cont'd)
 - (5) <u>1.544 Mbps</u>

(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54822	One Year Monthly <u>Rate</u> (FP8) 54819	Three Year Monthly <u>Rate</u> (FP8) 54820	Five Year Monthly <u>Rate</u> (FP8) 54821
	\$395.00	\$510.00	\$490.00	\$470.00

- 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Cont'd)
 - 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (b) Frame Relay UNI Port Only, each@
 - (1) <u>56/64# Kbps</u>

	Nonrocurring	One Year Monthly	Three Year Monthly	Five Year Monthly
	Nonrecurring Charge	Rate	Rate	Rate
(USOC)	<u>Charge</u>	(FP9)	(FP9)	(FP9)
(IOSC)	54827	54824	54825	54826
	\$80.00	\$43.00	\$41.00	\$38.00

[#] Upon request and where available.

[@] Refer to Section 5 for the appropriate Special Access Line Rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (b) Frame Relay UNI Port Only, each@ (Cont'd)
 - (2) <u>128 Kbps</u>

(USOC) (IOSC)		Nonrecurring <u>Charge</u> 54840	One Year Monthly <u>Rate</u> (FP9) 54829	Three Year Monthly <u>Rate</u> (FP9) 54830	Five Year Monthly <u>Rate</u> (FP9) 54831
		\$150.00	\$75.00	\$70.00	\$68.00
	(3)	256 Kbps			
(USOC) (IOSC)		Nonrecurring <u>Charge</u> 54840	One Year Monthly <u>Rate</u> (FP9) 54833	Three Year Monthly <u>Rate</u> (FP9) 54834	Five Monthly <u>Rate</u> (FP9) 54835
		\$150.00	\$110.00	\$105.00	\$100.00

[@] Refer to Section 5 for the appropriate Access Line rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (b) Frame Relay UNI Port Only, each@ (Cont'd)
 - (4) <u>384 Kbps</u>

\$395.00

(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54840	One Year Monthly <u>Rate</u> (FP9) 54837	Three Year Monthly <u>Rate</u> (FP9) 54838	Five Monthly <u>Rate</u> (FP9) 54839
	\$150.00	\$150.00	\$140.00	\$130.00
	(5) <u>1.544 Mbps</u>	<u>3</u>		
(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54845	One Year Monthly <u>Rate</u> (FP9) 54842	Three Year Monthly <u>Rate</u> (FP9) 54843	Five Year Monthly <u>Rate</u> (FP9) 54844

\$285.00

\$265.00

\$245.00

@Refer to Section 5 for the appropriate Special Access Line rate.

- 16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)
 - 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (b) Frame Relay UNI Port Only, each@ (Cont'd)
 - (6) <u>45 Mbps</u>

(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54850	One Year Monthly <u>Rate</u> (FP9) 54847	Three Year Monthly <u>Rate</u> (FP9) 54848	Five Year Monthly <u>Rate</u> (FP9) 54849
	\$395.00	\$1,140.00	\$1,090.00	\$1,050.00

@ Refer to Section 5 for the appropriate Special Access Line rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (c) Frame Relay NNI Port Only, each
 - (1) <u>56/64 Kbps</u>

(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54285 \$55.00	One Year Monthly <u>Rate</u> (NN7) 54287 \$27.00	Three Year Monthly Rate (NN7) 54288	Five Year Monthly <u>Rate</u> (NN7) 54289 \$20.00
	(2) <u>128 Kbps</u>			
(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54290 \$95.00	One Year Monthly <u>Rate</u> (NN7) 54292 \$40.00	Three Year Monthly Rate (NN7) 54293 \$35.00	Five Year Monthly <u>Rate</u> (NN7) 54294 \$30.00
	(3) <u>256 Kbps</u>			
(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54290	One Year Monthly <u>Rate</u> (NN7) 54296	Three Year Monthly <u>Rate</u> (NN7) 54297	Five Year Monthly <u>Rate</u> (NN7) 54298
	\$95.00	\$60.00	\$55.00	\$50.00

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

- 16.1 Frame Relay Service (Cont'd)
 - (F) Rates and Charges (Cont'd)
 - (2) Optional Payment Plan (OPP) (Cont'd)
 - (c) Frame Relay NNI Port Only, each@ (Cont'd)

(4) 384 Kbps

(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54290	One Year Monthly <u>Rate</u> (NN7) 54300	Three Year Monthly <u>Rate</u> (NN7) 54301	Five Year Monthly <u>Rate</u> (NN7) 54302
	\$295.00	\$75.00	\$72.00	\$69.00
	(5) 1.544 Mbps Service			
(USOC) (IOSC)	Nonrecurring Charge 54303 \$295.00 (6) 45 Mbps Service	One Year Monthly <u>Rate</u> (NN7) 54305 \$170.00	Three Year Monthly <u>Rate</u> (NN7) 54306 \$160.00	Five Year Monthly <u>Rate</u> (NN7) 54307 \$150.00
(USOC) (IOSC)	Nonrecurring <u>Charge</u> 54308 \$595.00	One Year Monthly <u>Rate</u> (NN7) 54310 \$750.00	Three Year Monthly <u>Rate</u> (NN7) 54311 \$725.00	Five Year Monthly <u>Rate</u> (NN7) 54312 \$700.00

[@] Refer to Section 5 for the appropriate Special Access Line rate.

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 17 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

17. (Reserved for Future Use)

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 18 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

18. (Reserved for Future Use)

WINDSTREAM COMMUNICATIONS SOUTHWEST Cause No. PUD200600243 Order No.

OKLAHOMA FSA SECTION 19 Original Index Sheet No. 1

FACILITIES FOR STATE ACCESS

19.	RATE	ZONE WIRE CENTERS	Page
	19.1	General	1

19. RATE ZONE WIRE CENTERS

19.1 General

This section contains a list of each Telephone Company wire center that has been assigned to a rate zone. Rate zones are applicable to the services specified in Section 4 and 5. This table lists, by jurisdiction, wire centers assigned to Rte Zones 1, 2 and 3.

Wire Center Zone Assignments

		-
Rate Zone	CLLI	Wire Center Name
1	BRAROKXB	BROKEN ARROW WEST
2	BRAROKXA	BROKEN ARROW MAIN
2	BRAROKXC	BROKEN ARROW SOUTH
	GYMNOKXA	GUYMON
2 2	PRCLOKXA	PURCELL
3	ARNTOKXA	ARNETT
3	ASHROKXA	ASHER
3	AVNTOKXC	AVANT
3	BEVROKXA	BEAVER
3	BFLOOKXA	BUFFALO
3	BRAROKXD	BROKEN ARROW NORTH
3	BRAROKXE	BROKEN ARROW EAST
3 3	BRNSOKXA	BARNSDALL
3 3 3 3 3 3 3 3 3 3	BSCYOKXA	BOISE CITY
3	BYTNOKXB	BOYNTON
3	CHTHOKXD	CHECOTAH
3	CLCROKXA	COLCORD
3	CMNCOKXA	COMANCHE
3	COWTOKXB	COWETA
3	DVSNOKXA	DAVIDSON
3	FRDROKXA	FREDERICK
3	FRFXOKXA	FAIRFAX
3	FTSPOKXA	FORT SUPPLY
3	GAGEOKXA	GAGE
3	GATEOKXA	GATE
3	GDWLOKXA	GOODWELL
3	GOLDOKXA	GOULD
3	GRFDOKXA	GRANDFIELD
3	HLLSOKXA	HOLLIS
3	HMNYOKXA	HOMINY
3	HSKLOKXA	HASKELL
3	HSNGOKXA	HASTINGS
3	KEYSOKXA	KEYES
3	KWCYOKXA	KAW CITY

19. RATE ZONE WIRE CENTERS (Cont'd)

19.1 General (Cont'd)

Wire Center Zone Assignments (Cont'd)

Rate Zone	CLLI	Wire Center Name
3	LNDSOKXA	LINDSAY
3	LOCOOKXA	LOCO
3	LVRNOKXA	LAVERNE
3	MANTOKXA	MANITOU
3	MEKROKXA	MEEKER
3	MRRS0KXA	MORRIS
3	MYVLOKXA	MAYSVILLE
3	PADNOKXA	PADEN
3	PRAGOKXA	PRAGUE
3	PTEROKXC	PORTER
3	RAMNOKXA	RAMONA
3	SNGHOKXA	SNUG HARBOR
3	STLSOKXA	ST. LOUIS
3	STRDOKXA	STROUD
3	TCMSOKXB	TECUMSEH
3	TMPLOKXA	TEMPLE
3	TPTNOKXA	TIPTON
3	TXHMOKXA	TEXHOMA
3	WASHOKXA	WASHINGTON
3	WAYNOKXA	WAYNE
3	WGNROKXD	WAGONER
3	WYNKOKXB	WAYNOKA