Regulations, Rates and Charges Applicable to

Facilities for Intrastate Access, Ancillary and Miscellaneous Services

provided by

Valor Telecommunications of Texas, LP – NM dba Windstream Communications Southwest

to Intrastate Customers

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

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ISSUED: September 22, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

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#### 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.
- (5) Available from American National Standards Institute, 1430 Broadway, New York, NY 10018.

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Vice President 4001 Rodney Parham Road Little Rock, AR 72212

### 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.

CONCURRING CARRIERS No Concurring Carriers

CONNECTING CARRIERS No Connecting Carriers

### OTHER PARTICIPATING CARRIERS No Other Participating Carriers

#### **EXPLANATION OF SYMBOLS**

(C) - To signify changed regulation

(D) - To signify discontinued rate or regulation

(I) - To signify increase

(N) - To signify new rate or regulation

(R) - To signify reduction

(S) - To signify reissued matter

(T) - To signify a change in text but no change in rate or regulation

(M) - To signify matter relocated without change

(Z) - To signify a correction

### **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 BHMC - Busy Hour Minutes of Capacity
BNA - Billing Name and Address
BNAS - Bill Name and Address Services
BP - Billing Percentage
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

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### 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

- direct current dc DDS - Digital Data Service DGS - Data Gathering 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

- frequency f

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 IΡ - Interconnection Point

IPIC - IntraLATA Primary Exchange Carrier

kbps - kilobits per second

 kilohertz kHz

LATA - Local Exchange Carrier

- Milliamperes Ma

Mbps - Megabits per second

MHz - Megahertz

MJU - Multi-Junction Unit

MRC - Monthly Recurring Charge MST - Manual Scheduled Testing MTL -Maximum Termination Liability

### 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

### 1. APPLICATION OF TARIFF

- 1.1 This tariff contains regulations, rates and charges applicable to Carrier Common Line, Switched Access and Special Access or, in combination, as Facilities for Intrastate Access, hereinafter referred to as FSA, provided by the Valor Telecommunications of Texas, LP NM 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.

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### 2. GENERAL REGULATIONS

#### 2.1 Undertaking of the Telephone Company

#### 2.1.1 <u>Scope</u>

- (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 <u>Undertaking of the Telephone Company</u> (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 Undertaking of the Telephone Company (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 Installation and Termination of FSA

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 <u>Discontinuance and Refusal of FSA</u>

- (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.
- (C) (Reserved for Future Use)

# 2. GENERAL REGULATIONS (Cont'd)

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

## 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 Limitation of Use of Metallic Facilities

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. Interoffice metallic facilities are limited and requests for metallic facilities will only be provided where available. 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.

## 2.1.11 Court's Responsibility

The above tariff language (and any and all language which appears in this tariff addressing liability of Company or its customers) does not constitute a determination by the Commission that a limitation of liability imposed by the Company should be upheld in a court of law. Acceptance for filing by the Commission recognizes that it is a court's responsibility to adjudicate negligence and any direct, indirect, and consequential damage claims. It is also the Court's Responsibility to determine the validity of the exculpatory clause(s).

## 2. GENERAL REGULATIONS (Cont'd)

#### 2.2 Use

2.2.1 (Reserved for Future Use)

## 2.2.2 Interference or Impairment

- (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 <u>Damages</u>

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

Except as specified in 2.3.4, 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 Use)
- 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 General and/or Local 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. 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.

ISSUED: January 23, 2009 EFFECTIVE: February 2, 2009

## 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)

### 2.4.2 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. GENERAL REGULATIONS (Cont'd)

## 2.4 Payment Arrangements and Credit Allowances (Cont'd)

## 2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are in 3.2.6.

## 2.4.4 <u>Credit Allowance for FSA Interruptions</u>

### (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 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 Special Access service, 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:
  - (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) (Reserved for Future Use)

## 2. GENERAL REGULATIONS (Cont'd)

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
  - 2.4.4 <u>Credit Allowance for FSA Interruptions</u> (Cont'd)
    - (A) General (Cont'd)
      - (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 of four or more consecutive hours. 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 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.
- (6) (Reserved for Future Use)

## 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.
- 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 <u>Performance Commitment Program</u>

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

### (A) Performance Commitment Program - Provisioning

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 Telephone Company's 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:

	VALOR ASC-EC	Another Telephone Company ASC-EC
VALOR Misses Date	Refund Applies	Refund Applies
Another Telephone Company Misses Date	Refund Applies	Refund Does Not Apply

- (4) (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 a uniform five or seven digit code dialed by an end user to access an Interexchange Carrier's facilities. The Carrier Access Code (CAC) has the form 101XXXX and the Carrier Identification Code (CIC) has the form 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.

## 2. 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 Telephone Company acknowledges as controlling decisions pertaining to instrument placement, subscription authority, 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 or corporation that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for intrastate 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 number 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 end 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.

# **Attempt**

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 a 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, 800 and 888 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.

#### **BHMC**

See Busy Hour Minutes of Capacity.

### Billed Number Screening

The term "Billed Number Screening (BNS)" denotes the process of utilizing a line information data base to determine billing number acceptance for collect and third number calls and to perform public telephone line number checks to prevent the alternate billing of calls to public coin telephone lines.

### 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 Definitions (Cont'd)

## **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.

## 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.

## Call

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.

## Carrier Identification Code

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

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

### 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.

## 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., 0+, 0-, 500, 900, etc.).

# Common Channel Signaling System 7 Network (CCS7)

The term "Common Channel Signaling System 7 Network (CCS7)" denotes a dedicated out-of-band signaling network which utilizes Signaling System 7 (SS7) protocol to provide call handling and data base access services.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

### Common Line

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

### 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 traditionally 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.

## 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.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

## **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.

## **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 the 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 an optional feature of FGA. It may be utilized when FGA 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.

# 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 the voiceband (approximately 500 to 2500 Hz) where talker echo is most annoying.

### 2. GENERAL REGULATIONS (Cont'd)

## 2.6 Definitions (Cont'd)

## **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 that is not a carrier, except that a carrier, other than the Telephone Company, shall be deemed to be an "end 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 to 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 to determine if a design change is required. It includes, but is not limited to, the review for possible 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.

### 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.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

## **Existing Suitable Space**

The term "Existing Suitable Space" denotes a space in which ac/dc power, heat and air conditioning, battery and generator back-up power, and other requirements necessary for provision of wire center or access tandem equipment currently exists.

#### 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.

### **Facility**

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 fiber 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 for service.

## 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.

## <u>Frame</u>

The term "Frame" denotes a group of data bits, in a specific format, with a flag at either end to indicate the beginning and end of the frame. The defined format enables network equipment to recognize the meaning and purpose of specific bits.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

## **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 has 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 the Telephone Company.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (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 hire in intrastate 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.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

## **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.

## Local Area Network (LAN)

A network permitting the interconnection and intercommunication of a group of computers, primarily for the sharing of resources such as data storage devices and printers.

## 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.

## 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 and administration of communications service. It encompasses designated Access Areas which are grouped to serve common social, economic, and other purposes.

## 2. GENERAL REGULATIONS (Cont'd)

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

### 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.

#### 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 or an area for FGB where FSA Services are provided by more than one telephone company in which a customer obtains access to an entire EAS or FGB area by obtaining a FGA or FGB 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 manage any event or 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.

## 2. GENERAL REGULATIONS (Cont'd)

### 2.6 Definitions (Cont'd)

### 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 may exceed 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.

#### 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 a 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.

## 2. GENERAL REGULATIONS (Cont'd)

## 2.6 Definitions (Cont'd)

## Octet

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

### 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

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

## **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 dialing an originating call.

## OZZ Code

The term "OZZ Code" denotes the service class routing code of 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.).

### 2. GENERAL REGULATIONS (Cont'd)

## 2.6 Definitions (Cont'd)

### 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, an access tandem for FGB) is located.

## **Protocol**

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

### Public Pay Telephone

The term "Public Pay Telephone" denotes a switched coin line provided under the Public Telephone Service regulations of the Telephone Company General Exchange and/or Local Exchange Tariffs.

## 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.

## 2. GENERAL REGULATIONS (Cont'd)

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

## 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 Telephone Company's 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 SS7 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 FGB 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.

#### 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 General and/or Local Tariffs.

# Service Control Point

The term "Service Control Point (SCP)" denotes an SS7 network control interface element between the Telephone Company's SS7 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 SS7 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, 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 SS7 network interface element capable of originating and/or terminating SS7 messages.

### Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" 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 SS7 network and performs SS7 message signal routing and screening. The technical interface specifications, transmission specifications, and diversity requirements for interconnecting to the Telephone Company's SS7 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.

## Statistical Multiplexing

A multiplexing technique in which timeslots are dynamically allocated on the basis of need rather than being predetermined; the data is typically transmitted on a first served basis.

### 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 the 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.

# <u>Trunk</u>

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 are 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.

# The use of the terms WATS or WATS-type throughout this tariff is primarily for ordering purposes and is not intended to restrict the use of the customer services when ordering Special Access and Switched Access in combination.

<ol><li>GENERAL REGULATIONS (Cor</li></ol>	nt'd
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- 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 each bill for their portion of Switched Transport and/or Special Transport.
    - (1) (Reserved for Future Use)
    - (2) Meet Point Billing:

Meet Point Billing is required when an access service is provided by multiple Telephone Companies\* for FGA, FGB, FGC and FGD Switched Access services and Special Access.

<sup>\*</sup> Meet Point Billing option guidelines, as contained in the MECAB document, may also be applied to FSA services provided by one exchange carrier in two or more states within a single LATA.

- 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) (Reserved for Future Use)

- 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, or the access tandem if Direct-Trunked Transport is ordered directly to the access tandem, 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, Hub Wire Center, 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 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 Tandem-Switched Transport - Facility between Office X and Office Y is jointly provided by telephone companies A and B. The following example reflects the rate for telephone company A. Rates for telephone company B would appear in its appropriate Access Tariff.

- (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) Tandem-Switched Transport Facility rate for Telephone Company A = SWT FAC
- (E) Tandem-Switched Transport Termination Rate = SWT TERM

NOTE: The Tandem-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 Tandem-Switched Transport - Facility Rate (SWT FAC) + [Tandem-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 x 50 x .40 x SWT FAC + [SWT TERM x 9,000 x 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 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 is located.

## 2. GENERAL REGULATIONS (Cont'd)

#### 2.8 <u>Jurisdictional Report Requirements (Cont'd)</u>

#### (A) Jurisdictional Reports - Switched Access

For Switched Access Service, the Telephone Company cannot in all cases determine the jurisdictional nature of customer traffic and its related access minutes. In such cases the customer may be called upon to provide a projected estimate of its traffic, split between the interstate and intrastate jurisdictions. The following regulations govern such estimates, their reporting by the customer and cases where the Telephone Company will develop jurisdictional percentages.

#### (1) Genera

Except where Telephone Company measured access minutes are used as set forth following, the customer shall report the percentage of interstate use as set forth in (2) or (3) following and such report will be used for billing purposes until the customer reports a different projected interstate percentage for an in-service end office group. When the customer adds BHMC, lines or trunks to an existing end office group, the customer shall furnish a revised projected interstate percentage that applies to the total BHMC, lines or trunks.

When the customer discontinues BHMC, lines or trunks from an existing group, the customer shall furnish a revised projected interstate percentage for the remaining BHMC, lines or trunks in the end office group. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than fifteen (15) days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use.

- General Regulations (Cont'd)
  - 2.8 <u>Jurisdictional Report Requirements</u> (Cont'd)
    - (A) <u>Jurisdictional Reports Switched Access</u> (Cont'd)
      - (1) General (Cont'd)

If the customer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for service as set forth in (2) through (4) following.

Pursuant to Federal Communications Commission Order FCC 85-145 released April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station telephone number) is situated is an intrastate communication and every call for which the point of entry is a state other than that where the called station (as designated by the called station telephone number) is situated is an interstate communication.

The PIUs described in (2) through (4) following are applied to usage rated Carrier Common Line, Information Surcharge, Local Switching, Tandem Switched Transport and Transport Interconnection charges. Separate PIUs are required for flat rated Entrance Facilities, Direct Trunked Transport and Multiplexers.

There may be some portion of terminating minutes where it is not possible to (N 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 (C)(1).
- (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.

ISSUED: September 17, 2009 EFFECTIVE: September 27, 2009

- 2. <u>General Regulations</u> (Cont'd)
  - 2.8 <u>Jurisdictional Report Requirements Switched Access</u> (Cont'd)
    - (A) Jurisdictional Reports Switched Access (Cont'd)
      - (2) Feature Groups A and B
        - (a) When a customer orders Feature Group A or Feature Group B Switched Access Service the customer shall, in its order, state the projected interstate percentage for interstate usage for each Feature Group A or Feature Group B Switched Access Service group ordered. The term group shall be construed to mean single lines or trunks as well. If the customer discontinues some but not all of the Feature Group A or Feature Group B Switched Access Services in a group, it shall provide the projected interstate percentage for such services which are remaining.
        - (b) For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the interstate Feature Group A or Feature Group B Switched Access Service(s) information will be used to determine the charges.

For all groups the number of access minutes (either measured or assumed) for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be the developed intrastate access minutes.

- 2. <u>General Regulations</u> (Cont'd)
  - 2.8 <u>Jurisdictional Report Requirements</u> (Cont'd)
    - (A) Jurisdictional Reports Switched Access (Cont'd)
      - (3) Feature Groups C and D

When a customer orders Feature Group C or Feature Group D Switched Access Service(s) the customer may provide the projected interstate usage for each end office in its order. Alternatively the Telephone Company, where the jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows:

- For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office where the Feature Group C or Feature Group D Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes, when the call detail is adequate to determine the appropriate jurisdiction.
- For terminating access minutes, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop the projected interstate percentage for such terminating access minutes.

- 2. General Regulations (Cont'd)
  - 2.8 Jurisdictional Report Requirements (Cont'd)
    - (A) <u>Jurisdictional Reports Switched Access</u> (Cont'd)
      - (3) Feature Groups C and D (Cont'd)

When originating call details are insufficient to determine the jurisdiction for the call, the customer shall supply the projected interstate percentage or authorize the Telephone Company to use the Telephone Company developed percentage. This percentage shall be used by the Telephone Company as the projected interstate percentage for originating and terminating access minutes. The projected intrastate percentage of use will be obtained by subtracting the projected interstate percentage for originating and terminating minutes from 100 (intrastate percentage = 100 - interstate percentage).

When the customer has both interstate and intrastate Operator Services traffic, the percentage interstate usage determined for the customer's FGC or FGD service will be applied to the customer's Operator Services charges.

## 2. General Regulations (Cont'd)

- 2.8 Jurisdictional Report Requirements (Cont'd)
  - (A) <u>Jurisdictional Reports Switched Access</u> (Cont'd)
    - (4) <u>Directory Assistance Service</u>

When a customer orders Directory Assistance Service, the customer shall in its order, provide the projected interstate percentage for terminating use in a whole number (a number of 0 through 100) for each Directory Access Service group ordered. (A method the customer may wish to adopt could be to use its terminating traffic from its premises to the involved Directory Assistance Location and calculate the projected interstate percentage as set forth in (3) preceding.) The projected intrastate percentage of use will be obtained by subtracting the projected interstate percentage furnished by the customer from 100 (intrastate percentage = 100 - customer percentage).

(D) <u>Billing Disputes Involving Jurisdictional Reports</u> - <u>Switched Access</u>

For Switched Access, if a billing dispute arises concerning the projected interstate percentage, the Telephone Company will ask the customer to provide the data the customer uses to determine the projected interstate percentage. The Telephone Company will not request such data more than once a year. The customer shall supply the data within thirty (30) days of the Telephone Company request.

## 2. General Regulations (Cont'd)

## 2.9 Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service

When mixed interstate and intrastate Switched Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. The percentage determined as set forth in 2.8 preceding will serve as the basis for prorating the charges unless the Telephone Company is billing according to actuals by jurisdiction. The percentage of an Access Service to be charged as interstate is applied in the following manner:

## (A) Monthly and Nonrecurring Charges

For monthly and nonrecurring chargeable rate elements, multiply the percent interstate use times the quantity of chargeable elements times the stated tariff rate.

#### (B) <u>Usage Sensitive Charges</u>

For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent interstate use times actual use (i.e., measured or Telephone Company assumed average use) times the stated tariff rate.

ORD	DERING OPTIONS FOR FSA					
3.1	General		1			
	3.1.1 3.1.2 3.1.3 3.1.4	Ordering Conditions				
3.2	3.2 Access Service Request					
	3.2.1 3.2.2 3.2.3 3.2.4 3.2.5 3.2.6 3.2.7 3.2.8	Service Date Intervals  ASR Modifications  (A) Service Date Change Charge  (B) Partial Cancellation Charge  (C) Discontinuance of Service  (D) Design Change Charge  (E) Requests for Expedition  Selection of Facilities for Access Service  Minimum Period  Minimum Period Charges  Cancellation of an ASR  Discontinuance of Switched Access FGD  FGD Maximum Per Trunk Cancellation Charge	8 10 11 11 11 11 12 12 13 17			
3.3		Service Requests For Services Provided By More Than One	18			

## 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, 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 must specify the number of lines required.
  - ASRs for FGB, FGC, FGD 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 ordered 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 Hubs involved.

Additional ASR requirements for Switched Access Service are described in 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 interstate. 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.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

## 3. 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 with the following exceptions. For 500 SAC Access Service or 900 SAC Access Service, customers may request direct connections to only those offices designated by the Telephone Company as 500 SAC Access Service 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 Codes 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 Codes 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) will apply. In addition to the Switched Access Ordering Charge, the NXX Translation Charge, as described in 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) To determine if adequate central office facilities (i.e., trunk circuits) for FGD will be available on the conversion date to equal access and to be eligible for the allocation in the following paragraph all customers (including those customers who convert existing FGA, FGB and FGC to FGD) must order FGD 120 days prior to an end office conversion to equal access.

When trunk circuits are not available to meet the demand an allocation of available trunk circuits will be required. The allocation of available facilities is a three step process as described below:

In this example assume nine ICs have ordered BHMCs which necessitate 1,000 FGD trunks where only 800 FGD trunk circuits are available at the conversion date.

- Step 1: Provide an initial flat 25% distribution of available trunk circuits to each requesting IC except for incremental requests over existing levels of FGC. (See table in Step 3.)
  - 25% x 800 (available facilities) = 200
     200 = 25 (9-1)
- Step 2: Assign all remaining trunk circuits proportionately, working from bottom up until ICs, as a result of the proration, are assigned less facilities than desired. First determine facilities available for apportionment.
  - 800 175 = 625 (eligible ICs are A, B, C, D, E, F)
  - (<u>Desired Facilities</u> )
     (Total Desired Facilities ) x <u>Remaining Facilities</u>
     (of Remaining Facilities )
  - $F = \frac{70}{1000 50} \times 625 = 46 \text{ (assign only 45)(**)}$
  - $E = 80 \times (625 45) = 53$ 1000 - 120

(E receives less facilities than originally ordered, i.e., 53 + 25 = 78)

## 3. ORDERING OPTIONS FOR FSA (Cont'd)

# 3.1 General (Cont'd)

# 3.1.1 Ordering Conditions (Cont'd)

Step 3: When an IC receives less facilities than desired, the remainder of ICs are allocated according to the following allocation factor:

 $\frac{Remaining \ Facilities}{Total \ Desired \ Facilities} = \frac{625 - 98}{1000 - 200} = \frac{527}{800} = .659$  of Remaining Eligible ICs of Access

D = 100 x .659 = 66 C = 200 x .659 = 132 B = 200 x .659 = 132 A = 300 x .659 = 197

	Demand Step 1			Total			
	Desired Resources Flat 25%			Assigned			
<u>ICs</u>	(In Trunks)	<u>Available</u> <u>Di</u>	<u>stribution</u>	Step 2	Step 3	Trunk Circuits	
Α	300	_		25	-	197	222
В	200	-		25	-	132	157
C(*)	200	-		-0-	-	132	132
D`	100	-		25	-	66	91
Ε	80	-		25	53	-	78
F	70	-		25	45(**)	-	70
G	25	-		25	- ' '	-	25
Н	15	-		15(**)	-	-	15
I	<u>10</u>	Ξ		<u>10</u> (**)	Ξ	<u>-</u>	<u>10</u>
Total	1,000	800		175	98	527	800

- (\*) Request for additional trunk circuits by an IC with existing FGC
- (\*\*) Will not assign more than desired
  - (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) (Reserved for Future Use)
      - (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) (Reserved for Future Use)
- (L) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(AA), 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 4.2.10. The customer's ASR shall also include STP point codes, STP location identifier codes, FGD trunk or 800/877/888 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD, the customer shall specify that all traffic carried by that FGD 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 Switched Access with 950-XXXX 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 Switched Access Service over which resulting originating 950-XXXX access code calls are to be routed.

## 3. ORDERING OPTIONS FOR FSA (Cont'd)

## 3.1 General (Cont'd)

#### 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 will apply.

#### 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. ORDERING OPTIONS FOR FSA (Cont'd)

## 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.

## 3. 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; trunks or BHMCs for FGB, FGC, FGD, and SAC Access Service; Special Access circuits; will require the issuance of a new ASR for the incremental capacity.

## (A) <u>Service Date Change Charge</u> (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 on the 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.

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# FACILITIES FOR INTRASTATE ACCESS

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

Rate (SUM)

\$56.70

## 3. ORDERING OPTIONS FOR FSA (Cont'd)

- 3.2 Access Service Request (Cont'd)
  - 3.2.2 ASR Modifications (Cont'd)
    - (B) Partial Cancellation Charge

Any decrease in the number of Switched Access lines for FGA; trunks or BHMCs for FGB, FGC, FGD, and SAC Access Service and 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 <u>Access Service Request</u> (Cont'd)

#### 3.2.2 ASR Modifications (Cont'd)

## (C) Discontinuance of Service

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 Special 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 facilities 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 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, and also for FGD ordered after the conversion of an end office to equal access, is one month. For the application of the minimum period charges for Switched Access Service FGB, FGC and for FGD 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 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)

# 3. ORDERING OPTIONS FOR FSA (Cont'd)

#### 3.2 Access Service Request (Cont'd)

## 3.2.5 Minimum Period Charges (Cont'd)

- (D) For FGD 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 and 5.7.3 will apply.
- (F) For FGA and FGB 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 activations 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 Transport, 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 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.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
  - 3.2 Access Service Request (Cont'd)
    - 3.2.6 <u>Cancellation of an ASR</u> (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, and 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 last 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 (Cont'd)
    - 3.2.6 <u>Cancellation of an ASR</u> (Cont'd)
      - (3) When a customer chooses to commence billing rather than cancel an ASR for these services specified 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 the 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 or Special Access Service, as appropriate.

- 3. ORDERING OPTIONS FOR FSA (Cont'd)
  - 3.2 Access Service Request (Cont'd)
    - 3.2.6 <u>Cancellation of an ASR</u> (Cont'd)
      - (D) For cancellation of an ASR for Switched Access FGD 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 facilities an allocation of FGD 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 charge is listed 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.

## 3. ORDERING OPTIONS FOR FSA (Cont'd)

## 3.2 Access Service Request (Cont'd)

#### 3.2.7 Discontinuance of Switched Access FGD

A Discontinuance Charge applies if a customer discontinues FGD service provided at the conversion of an end office to equal access. The Discontinuance Charge applies to each FGD trunk discontinued with one exception. When the FGD service is a result of an upgrade from FGB, FGC or SAC Access Service trunks in service prior to conversion to equal access, the Discontinuance Charge will only apply to the number of FGD trunks being discontinued that are in excess of the number of FGB, FGC 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 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 Maximum Cancellation Charge in 3.2.8. The charge assessed will be the unamortized portion of the Maximum Discontinuance Charge.

#### 3.2.8 FGD Maximum Per Trunk Cancellation Charge

**Cancellation Charge** 

\$550.46

- 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.
      - (1) (Reserved for Future Use)
      - (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 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(A).

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## 4. Switched Access Service

#### 4.1 General

This Section of the NM State Access Service Tariff Section # 4 has been replaced in its entirety with the current Valor/Windstream FCC No. 1 Switched Access Tariff, Section # 6 entitled Switched Access Services and the applicable FCC No. 1 Switch Access portions of Section # 20, entitled Rates and Charges as mandated per the New Mexico Public Regulation Commission's Access Charge Reform Case No. 05-00211-UT.

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer designated premises and an end user's premises. It provides for the use of common terminating, switching, and trunking facilities and for the use of common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer designated premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 4.1.3 and 4.5 through 4.9 following.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services, and whether it is provided in a Telephone Company end office that is equipped to provide equal or non-equal access. Rates and charges for Switched Access Service are set forth within this Section. The application of rates for Switched Access Service is described in 4.4 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 4.4.5, 4.4.9, 4.5.1(H), 4.5.3, 4.6.1(G), 4.6.2(D), 4.7.1(F) and 4.8.1(E) following. Finally, a credit is applied against line side Switched Access Service charges as described in 4.4.8 following.

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## 4. Switched Access Service (Cont'd)

#### 4.1 General (Cont'd)

# 4.1.1 <u>Description and Provision of Switched Access Service Arrangements</u>

### (A) Description

Switched Access Service is provided in four different Feature Group arrangements, which are service categories of standard and optional features. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company first point of switching. They are also differentiated by optional feature availability and the manner in which the end user accesses them in originating calling, e.g., with or without access codes of various lengths and digits.

The provision of each Feature Group requires Local Transport facilities, including an Entrance Facility, and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Feature Groups A, B, C, or D at Telephone Company designated WATS Serving Offices.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 5 following for Voice Grade and High Capacity Services. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 17.1.2 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer designated premises. Terminating calling permits the delivery of calls from the customer designated premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 General (Cont'd)

# 4.1.1 <u>Description and Provision of Switched Access Service Arrangements</u> (Cont'd)

## (A) <u>Description</u> (Cont'd)

There are various optional features associated with Local Transport, Common Switching and Transport Termination available with the Feature Groups. In addition, the Interim NXX Translation and Operator Transfer Service optional features are available with Feature Group C and Feature Group D.

Operator Transfer Services will be provided over FGC or FGD switched access service trunks from the operator service location to the customer's premises. Where required by technical limitations, a separate FGC or FGD trunk group will be established for Operator Transfer Service. The operator service location will provide trunk answer and disconnect supervisory signaling to the customer.

Detailed descriptions of each of the available Feature Groups are set forth in 4.5 through 4.9 following. Each Feature Group is described in terms of its specific physical characteristics and calling capabilities, the optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Termination optional features, which are described in 4.10 following, unless specifically stated otherwise, are available at all Telephone Company end office switches.

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## 4. <u>Switched Access Service</u> (Cont'd)

## 4.1 General (Cont'd)

#### 4.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

### (B) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a perline or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC and on a per trunk basis.

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

There are three major BHMC categories identified as: Originating, Terminating and Directory Assistance. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance BHMCs represent access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGC Access or FGD Access in BHMCs, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations originating BHMCs are further categorized into Domestic, 700, 800 series, 900, Operator, IDDD and Operator Transfer Services. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 700, 800 series, 900, Operator and Operator Transfer Services traffic; IDDD BHMCs represent access capacity for carrying only international traffic; and, 700, 800 series, 900, Operator and Operator Transfer Services BHMCs represent access capacity for carrying, respectively, only 700, 800 series, 900, Operator or Operator Transfer Services traffic. When ordering such types of access capacity, the customer must specify Domestic, 700, 800 series, 900, Operator, IDDD or Operator Transfer Services BHMCs.

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# 4. Switched Access Service (Cont'd)

# 4.1 General (Cont'd)

## 4.1.2 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions. Also, included are regulations concerning miscellaneous service order charges, which may be associated with Switched Access Service ordering (e.g., Service Date Changes, Cancellations, etc.).

# 4.1.3 Rate Categories

There are four rate categories, which apply to Switched Access Service:

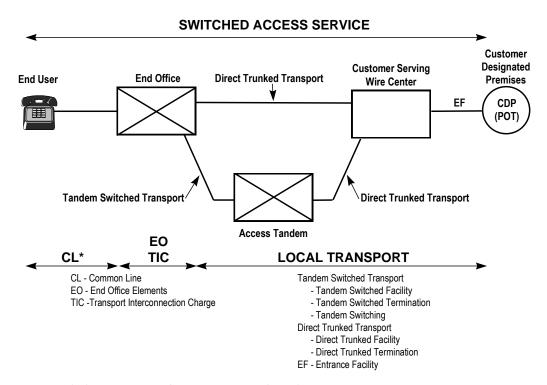
- Local Transport (described in 4.1.3(A) following)
- End Office (described in 4.1.3(B) following)
- Chargeable Optional Features (described in 4.1.3(C) following)
- Common Line (described in Section 12)

## 4. <u>Switched Access Service</u> (Cont'd)

## 4.1 General (Cont'd)

# 4.1.3 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



<sup>\*</sup> Common Line Access Service is provided under Section 3. Preceding

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 General (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es), which may be a Remote Switching Module(s) or WATS Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications. Mileage measurement rules are set forth in 4.4.6 following and in this section.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire, High Capacity DS1 or DS3) to be used in the provision of the Direct Trunked Transport or Entrance Facility. High Capacity DS3 facilities are only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in 4.4.6 following.

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Windstream Communications Southwest

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**FACILITIES FOR INTRASTATE ACCESS** 

Switched Access Service (Cont'd)

#### 4.1 General (Cont'd)

## 4.1.3 Rate Categories (Cont'd)

# (A) Local Transport (Cont'd)

Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability.

Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No. 4.

Unless otherwise ordered by the F.C.C., where the Telephone Company elects to provide equal access through a Centralized Equal Access arrangement, the Telephone Company will designate the serving wire center. The designated SWC will normally be that wire center which provides dial tone to the telephone company Centralized Equal Access tandem office identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. When service is provided in cooperation with a non-telephone company provider of Centralized Equal Access, the SWC will be that wire center which would normally provide dial tone to the telephone company point of interconnection with the non-telephone company provider of Centralized Equal Access specified in the tariff of the Centralized Equal Access provider. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, LLC, INC. TARIFF F.C.C. NO. 4.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (A) Local Transport (Cont'd)

Local Transport is provided at the rates and charges set forth within this Section. The application of these rates with respect to individual Feature Groups is as set forth in 4.4.1(C) following. When more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in 2 preceding.

The Local Transport Rate Category includes five classifications of rate elements: (1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem Switched Transport, (4) Transport Interconnection Charge, and (5) Multiplexing.

### (1) Entrance Facility

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

Five types of Entrance Facility are available:

- Voice Grade 2 or 4 wire an analog channel with an approximate bandwidth of 300 to 3000 Hz;
- High Capacity DS1 an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3 an isochronous serial digital channel with a rate of 44.736 Mbps;

The minimum period for which a High Capacity DS3 or an Entrance Facility is provided is twelve months.

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#### **FACILITIES FOR INTRASTATE ACCESS**

#### 4. Switched Access Service (Cont'd)

#### 4.1 General (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (A) Local Transport (Cont'd)

## (1) Entrance Facility (Cont'd)

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

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

# (2) <u>Direct Trunked Transport</u>

The Direct Trunked Transport rate elements recover a portion of the cost associated with a communications path or circuits dedicated to the use of a single customer between:

- the serving wire center and an end office,
- the serving wire center and a tandem,
- the serving wire center and a hub,
- a hub and an end office,
- the serving wire center and an ADM equipped wire center where add/drop multiplexing functions are performed,
- an ADM equipped wire center and an end office.

Direct Trunked Transport is available at all tandems and to all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION as not having the capability to provide Direct Trunked Transport.

Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 General (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) <u>Local Transport</u> (Cont'd)
        - (2) <u>Direct Trunked Transport</u> (Cont'd)

Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No. 4.

Five types of Direct Trunked Transport are available:

- Voice Grade 2 or 4 wire
  - an analog channel with an approximate bandwidth of 300 to 3000 Hz:
- High Capacity DS1
  - an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3 –

an isochronous serial digital channel with a rate of 44.736 Mbps.

High Capacity DS3 Direct Trunked Transport cannot be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing.

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#### **FACILITIES FOR INTRASTATE ACCESS**

## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (A) Local Transport (Cont'd)

## (2) <u>Direct Trunked Transport</u> (Cont'd)

Additionally, DS1 Direct Trunked Transport cannot be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices.

Offices that provide multiplexing and add/drop multiplexing functions are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate specified within this Section, which is applied on a per mile basis and a Direct Trunked Termination rate, which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, tandem, hub, ADM equipped wire center, and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

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

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

The minimum period for which a High Capacity DS3 is provided is twelve months.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) <u>Local Transport</u> (Cont'd)
        - (3) <u>Tandem Switched Transport</u>

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

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

In those instances where an SSP equipped end office is capable of handling 800 traffic on a direct trunked basis but incapable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis, a full credit will be provided for tandem switched transport charges associated with FGC and FGD service for 888 traffic delivered at the tandem. This results in all 800 series traffic being rated as direct trunked transport regardless of whether the SSP equipped end office is capable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis. Those SSP equipped end offices that cannot accommodate direct trunking of originating 800 series (other than the 800 service access code) traffic are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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

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- 4. Switched Access Service (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) Local Transport (Cont'd)
        - (3) <u>Tandem Switched Transport</u> (Cont'd)
          - (b) The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits (Remote to Host Office and Host/End Office to Tandem). The Tandem Switched Facility rate specified within this Section is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.
          - (c) The Tandem Switched Termination rate recovers a portion of the costs of circuit equipment necessary for the termination of each end of each measured segment of the Tandem Switched Facility. The Tandem Switched Termination rate specified within this Section is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office and the access tandem). The Tandem Switched Termination rate applies even if the Tandem Switched Facility mileage is zero.
        - (4) Transport Interconnection Charge

The Transport Interconnection Charge recovers the costs associated with Local Transport that are not recovered by the other Local Transport Rate Categories (i.e., Entrance Facility, Direct Trunked Transport, Tandem Switched Transport and Multiplexing) or by dedicated signaling (i.e., SS7) rates. The Transport Interconnection Charge specified within this Section applies to both Tandem Switched and Direct Trunked access minutes of use.

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#### **FACILITIES FOR INTRASTATE ACCESS**

- 4. Switched Access Service (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) Local Transport (Cont'd)
        - (5) Multiplexing

Multiplexing provides an arrangement for converting a single, higher capacity or bandwidth circuit to several lower capacity or bandwidth circuits.

When a derived channel is itself multiplexed to derive additional channels with a lesser capacity, this is referred to as cascade multiplexing. When cascade multiplexing occurs, a charge for the additional multiplexing function applies. When cascade multiplexing is performed at different hubbing locations, Direct Trunked Transport charges also apply between the hubs.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The following multiplexing arrangements are offered for use with Switched Access Service.

- (a) DS3 to DS1 Multiplexing charges specified within this Section apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Transport is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.
- (b) DS1 to Voice Grade Multiplexing charges specified within this Section apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing Charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 General (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (A) <u>Local Transport</u> (Cont'd)

# (6) Add/Drop Multiplexing

Central Office Port

Add/Drop Multiplexing provides a type of multiplexing function in connection with Synchronous Optical Channel Service that allows lower level signals to be added or dropped from a high speed optical carrier channel within a Telephone Company wire center.

The Add/Drop Multiplexing Central Office Port charge specified within this Section applies to the interface provided at a Telephone Company wire center for the purpose of adding or dropping lower capacity services from Direct Trunked Transport. Central Office Ports are available at the following speeds:

Speed

		<u> </u>	
DS3	44.736	Mbps	
DS1	1.544	Mbps	

When a DS1 channel is directly derived from an DS3service, a DS1 port charge will apply.

When a DS1 channel is further multiplexed to a lower level signal, a DS1 to Voice Grade Multiplexing charge will also apply.

Add/Drop Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (A) <u>Local Transport</u> (Cont'd)

## (7) <u>Customer Node</u>

A Customer Node charge specified in within this Section applies when the Telephone Company provides terminal equipment at the customer designated premises for termination of a Optical Channel Entrance Facility. Such equipment may be used to convert the signal from an optical to electrical format. The Customer Node charge is determined by the level of optical service (i.e., DS3) delivered to the premises. Each Customer Node must be configured with one or more Customer Premises Ports.

Customer Premises Port charges specified within this Section apply in conjunction with the Customer Node charge. Each Customer Premises Port provides the interface to derive a lower capacity service at the customer premises. The type and quantity of ports is determined by the customer and is based on the type of Customer Node selected and the number of DS1, DS3, channels ordered. Customer Premises Ports are available at the following speeds:

Speed

<u>Cuotomor i formoco i cit</u>	<u> </u>	
DS3	44.736	Mbps
DS1	1.544	Mbps

## (8) Interface Groups

Customer Premises Port

Ten Interface Groups are provided for terminating the Entrance Facility at the customer's designated premises. Technical specifications concerning the available interface groups are set forth in 17.1 following.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) <u>Local Transport</u> (Cont'd)
        - (9) <u>Nonchargeable Optional Features</u>

Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching, may at the option of the customer, be provided with the following optional features as set forth and described in 17.1.1(E) following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
- 64 Clear Channel Capability

In addition to the above, Shared SONET Interoffice Ring Transport (SSRIT) is available as a nonchargeable optional feature with High Capacity DS3 service from wire centers identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. The SSRIT feature is set forth and described in 7.10.3(F) and 7.11.3(D) following.

When a customer subscribes to Common Channel Signaling (SS7) Network Connection Service (CCSNC Service), the following optional features are made available and are described in 4.10.1 following.

- Signaling System 7 (SS7) Signaling
- Calling Party Number
- Carrier Selection Parameter
- Charge Number Parameter
- Carrier Identification Parameter

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (A) Local Transport (Cont'd)
        - (10) Chargeable Optional Features

Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP). CCSNC is provided as set forth in 4.10.3 following.

800 Data Base Access Service is provided to all customers in conjunction with FGC and FGD switched access service. A Basic or Vertical Feature Query charge, as set forth within this Section (B) following, is assessed for each completed query returned from the 800 data base whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides this same customer identification function in addition to vertical features which may include:

- (1) call validation (ensuring that calls originate from subscribed service areas);
- (2) POTS translation of 800 series numbers (which is generally necessary for the routing of 800 series calls);
- (3) alternate POTS translation (which allows subscribers to vary the routing of 800 series calls based on factors such as time of day, place of origination of the call, etc.); and
- (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3)).

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

#### (B) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching, Information Surcharge and Trunk Port rate elements.

#### (1) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

Local Switching does not apply to Feature Groups B and D Switched Access Services associated with Wireless Switching Center (WSCs) directly interconnected to a Telephone Company access tandem office.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Local Switching, which provides local dial switching for Feature Groups C and D. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

Rates for Local Switching are set forth within this Section. The application of these rates with respect to individual Feature Groups is as set forth in 4.4.1(C) following.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 General (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (B) End Office (Cont'd)
        - (1) Local Switching (Cont'd)
          - (a) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 4.5 through 4.9 following.

Included as part of Common Switching are various no chargeable optional features, which the customer can order to meet the customer's specific communications requirements. These optional features are described in 4.10.1 following.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (B) End Office (Cont'd)
        - (1) Local Switching (Cont'd)

## (b) Intercept

The Intercept function provides for 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.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (B) End Office (Cont'd)

#### (2) <u>Information Surcharge</u>

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Information Surcharge rates are as set forth within this Section. The application of these rates with respect to individual Feature Groups is as set forth in 4.4.1(C) following.

The Information Surcharge does not apply to Feature Groups B and D Switched Access Services associated with Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office.

The number of end office switching transmission paths will be determined as set forth in 4.2.5 following.

## (3) Trunk Port Charge

The Shared Trunk Port provides for the termination of a Tandem Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes that utilize Tandem Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated to an end office that is not the dial tone office and on minutes of use provided at a remote office.

The Shared Trunk Port charge does not apply to switched access minutes of use that originate or terminate at a MTSO directly interconnected to a Telephone Company's access tandem.

A Dedicated Trunk Port is applicable to the purchase of dedicated trunks terminated by that port. The Dedicated Trunk Port provides for the termination of a dedicated trunk at the end office or access tandem. The Dedicated Trunk Port is flat-rated and is assessed per voice grade or DS1 channel terminating at an end office or access tandem.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1 <u>General</u> (Cont'd)

#### 4.1.3 Rate Categories (Cont'd)

## (C) Chargeable Optional Features

Where facilities permit, the Telephone Company will, at the option of the customer, provide the following chargeable optional features.

#### (1) Interim NXX Translation

The Interim NXX Translation rate element provides for customer identification of non-data base services when calls are directed by end users in the 1+SAC+NXX-XXXX (e.g., 1+900+NXX-XXXX) format. The NXX codes are assigned to specific customers in conformance with the North American Numbering Plan (NANP). NXX code assignment(s) will be made by the NANP Coordinator. The Telephone Company will use the NXX code to identify the customer to whose point of termination the traffic is to be delivered, (i.e., at appropriately equipped electronic end offices, access tandems or through contracted arrangements with other parties.) It is then the responsibility of the customer to do any further translation the customer deems necessary to route the call. Customer assigned NXX codes, which have not been ordered, will be blocked.

A nonrecurring charge, as set forth within this Section, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone Company on a per order per LATA or Market Area basis and is applied in lieu of the Access Order Charge specified in Section 3 preceding. The nonrecurring charge is assessed only by the Telephone Company that provides the final translation function. A Telephone Company is said to have provided the final Interim NXX Translation when its translation identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation. The description and application of this charge with respect to Feature Group C and Feature Group D is as set forth in 4.4.1(B)(2) and 4.4.1(C)(2) following.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (C) <u>Chargeable Optional Features</u> (Cont'd)
        - (2) Operator Transfer Services

Operator Transfer Service may be provided with Feature Group C or Feature Group D Switched Access Service at Telephone Company designated Operator Services location. Operator Transfer Service is an originating service. The rate is assessed per 0- call transferred to a customer's operator. An 0- call is considered transferred when the Telephone Company Operator activates the switch transferring the call to the designated customer and the customer acknowledges receipt.

In addition to the Operator Transfer Service charge described above and in 4.10.3(B) following, Feature Group C or Feature Group D Switched Access rates and charges as set forth within this Section and Carrier Common Line Charges set forth in Section12, will apply per minute of use for Operator Transfer Service.

Operator Transfer Service charges, provided for in this tariff, are applied only to those calls actually transferred by the Telephone Company to the customer's operator.

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- 4. Switched Access Service (Cont'd)
  - 4.1 <u>General</u> (Cont'd)
    - 4.1.3 Rate Categories (Cont'd)
      - (C) Chargeable Optional Features (Cont'd)
        - (3) 800 Data Base Access Service

800 Data Base Access Service is provided to all customers in conjunction with FGC and FGD switched access service. When a 1+800 series+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to identify the customer to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified customer over FGC or FGD switched access. The 800 series includes the following service access codes: 800, 888, 877, 866, 855, 844, 833 and 822.

A Basic or Vertical Feature Query charge, as set forth within this Section, is assessed for each completed query returned from the data base identifying the customer to whom the call will be delivered whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification as the basic query and vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800 series numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of 800 series calls based on factors such as time of day, place or origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3)).

The description and application of this charge with respect to Feature Group C or Feature Group D is as set forth in 4.4.1(C)(2) and 4.4.1(C)(8) following.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 11 following.

## 4.1.5 <u>Design Layout Report</u>

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

## 4.2 Undertaking of the Telephone Company

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

## 4.2.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2 preceding.

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#### 4. Switched Access Service (Cont'd)

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

#### 4.2.2 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 17.1.2 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 17.1.3 following are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The transmission specifications concerning Switched Access Service are limits which, when exceeded, may require the immediate corrective action of the Telephone Company. The transmission specifications are set forth in 17.1.2 following. Feature Group C and Feature Group D trunks equipped for Operator Transfer Service are subject to Feature Group C and Feature Group D transmission specifications, respectively, unless otherwise specified.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.2 Undertaking of the Telephone Company (Cont'd)

#### 4.2.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data, which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

#### 4.2.4 Testing

#### (A) Acceptance Testing

At no additional charge the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

#### (B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Improved Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004 Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

Additional tests may be ordered as set forth in Section 6 following. Charges for these additional tests are set forth in Section 6 following.

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## 4. <u>Switched Access Service</u> (Cont'd)

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

#### 4.2.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Groups C and D when ordered on a per trunk basis the customer specifies the type of transport facilities and the number of channels in the order for service.

For Tandem Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C and D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 4.1.1(B) preceding) for the end offices for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

## 4.2.6 Trunk Group Measurement Reports

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

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.3 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2 preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

## 4.3.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

#### (A) <u>Jurisdictional Reports</u>

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in Section 2 preceding.

## (B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

#### 4.3.2 Trunk Group Measurement Reports

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

## 4.3.3 Supervisory Signaling

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

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.3 Obligations of the Customer (Cont'd)

#### 4.3.4 Short Duration Mass Calling Requirements

When a customer offers service for which a substantial call volume is expected during a short period of time (e.g., 900 service media stimulated events), the customer must notify the Telephone Company at least 48 hours in advance of each peak period. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the telephone number(s) to be used.

On the basis of the information provided, the telephone Company may invoke network management controls, (e.g., call gapping and code blocking) to reduce the probability of excessive network congestion. The Telephone Company will work cooperatively with the customer to determine the appropriate level of such control.

#### 4.4 Rate Regulations

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

## 4.4.1 <u>Description and Application of Rates and Charges</u>

There are two types of rates and charges that apply to Switched Access Service; recurring (usage and flat rates) and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (C) following.

# (A) Recurring Rates

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

# (B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, Interim NXX Translation optional feature, and service rearrangements. These charges, with the exception of the Interim NXX Translation optional feature, are in addition to the Access Order Charge as specified within this Section.

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#### **FACILITIES FOR INTRASTATE ACCESS**

- 4. Switched Access Service (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (B) Nonrecurring Charges (Cont'd)
        - (1) <u>Installation of Service</u> (Cont'd)

For Entrance Facilities, a Local Transport nonrecurring installation charge, as set forth within this Section, will be applied at the serving wire center for each Entrance Facility installed.

For Direct Trunked Transport ordered to the end office, a Local Transport nonrecurring trunk activation charge, as set forth within this Section, will be applied at the end office on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the end office.

For Direct Trunked Transport ordered to the access tandem, a Local Transport nonrecurring trunk activation charge, as set forth within this Section, will be applied at the access tandem on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the access tandem.

A maximum of 24 trunks can be activated on a DS1 facility and a maximum of 672 trunks can be activated on a DS3 facility.

For example, if a customer orders a DS1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DS1 Installation nonrecurring charge at the serving wire center and one Direct Trunked Transport Activation nonrecurring charge at the end office. If at a later date the customer requests the activation of three more circuits, the customer will then be charged an additional Direct Trunked Transport Activation nonrecurring charge. These charges are in addition to the Access Order Charge as specified within this Section.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (B) Nonrecurring Charges (Cont'd)
        - (2) Interim NXX Translation Optional Feature

This nonrecurring charge applies to the initial order for the installation of the Interim NXX Translation optional feature with Feature Group C or Feature Group D Switched Access Service and for each subsequent order received to add or change NXX translation codes. This charge, if applicable, applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied by the Telephone Company per order, per LATA or Market Area. When it is necessary for multiple telephone companies to provide the translation function, the nonrecurring charge is assessed only by the Telephone Company that provides the final translation function which identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation.

## (3) Service Rearrangements

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signaling of FGA Access Services will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) proceeding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 4.4.4 following.

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

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (B) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- 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 agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Other changes made without charge to the customer are as follows:

- Changes and additions to existing Switched Access Services which are necessary due to Telephone Company initiated network reconfigurations, and required to provide the same grade of service to the customer that existed prior to the reconfiguration. Charges will apply to those changes and additions which are in excess of those required to provide the same grade of service and/or capacity. Grade of service will be as determined by industry standard engineering tables.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (B) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements (Cont'd)

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence i.e., when the off-hook supervisory signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the Access Order Charge as set forth within this Section.

For additions, changes or modifications to an optional feature, which has a separate nonrecurring charge that nonrecurring charge will apply.

For additions, changes, or modifications to optional features that do not have their own separate nonrecurring charges, an Access Order Charge as set forth within this Section will apply (with the exception of the addition of 64 Clear Channel Capability to an existing service). When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

When the 64 Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated non-recurring charges will apply.

For conversion of FGC and FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to multifrequency address signaling, nonrecurring charges will apply as set forth within this Section.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

#### 4. Switched Access Service (Cont'd)

#### 4.4 Rate Regulations (Cont'd)

## 4.4.1 Description and Application of Rates and Charges (Cont'd)

## (C) Application of Rates

Rates are applied either as premium or non-premium rates.

The application of these rates is dependent upon the Feature Group, type of Entrance Facility, type of transport (e.g., Direct Trunked Transport, Tandem Switched Transport, type of Multiplexing) and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the rates and charges:

#### (1) Premium Rates

Premium rates apply to all FGC access minutes when the service is provided to customers which furnish interstate MTS/WATS, to all access minutes that originate or terminate at end offices equipped with equal access (i.e., FGD) capabilities, and to Directory Transport Service. Premium rates also apply to FGB and FGD access minutes that originate or terminate at a Wireless Switching Center (WSC) that is directly connected to a Telephone Company access tandem office. In addition, premium rates apply to FGA and FGB access minutes when utilized in the provision of MTS/WATS service.

In addition, premium rates always apply to the following Local Transport rate elements:

- Entrance Facility
- Direct Trunked Facility
- Direct Trunked Termination
- Multiplexing
- Tandem Switched Facility
- Tandem Switched Termination
- Tandem Switching

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (2) Non-premium Rates

Non-premium rates do not apply to the following Local Transport rate elements:

- Entrance Facility
- Direct Trunked Facility
- Direct Trunked Termination
- Multiplexing
- Tandem Switched Facility
- Tandem Switched Termination
- Tandem Switching

Non-premium rates (i.e., discounted access minute rates) apply to all FGA and FGB access minutes (measured or assumed) originating or terminating in an end office which is not equipped with equal access capabilities. Non-premium rates do not apply to FGA and FGB access minutes when utilized in the provision of MTS/WATS service.

In addition, non-premium rates apply to FGC access minutes originating in an end office which is not equipped with equal access capabilities when the FGC service is used in conjunction with the Interim NXX Translation optional feature or 800 Data Base services by customers who do not furnish interstate MTS/WATS.

Non-premium rates do not apply to FGB ADA access minutes.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (3) <u>Abbreviated Dialing Arrangement</u> (ADA)

At end offices that are equipped with equal access capabilities, premium rates apply to all FGB with ADA access minutes.

At end offices that are not equipped with equal access capabilities:

- Premium rates multiplied by the ADA rate factor set forth within this Section apply to the following FGB rate elements:
  - Local Switching
  - Information Surcharge
  - Transport Interconnection Charge
- Premium rates apply to the following FGB rate elements with ADA access minutes:
  - Entrance Facility
  - Direct Trunked Termination
  - Directed Trunked Facility
  - Tandem Switched Termination
  - Tandem Switched Facility
  - Tandem Switching
  - Multiplexing

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (4) Transition Billing Arrangement

When FGA, or FGB Switched Access Service, except as set forth in (1) preceding, provided to an entry switch (i.e., dial tone office for FGA and access tandem for FGB) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium and non-premium rates will apply in the following manner:

- (a) All access minutes that originate from or terminate at the equal access end office(s) will be billed at premium rates. Access minutes that originate from or terminate at end offices not equipped with equal access capabilities, hereinafter referred to as non-premium access minutes, will continue to be billed at nonpremium rates. Non-premium rates will apply as follows depending on the type of service.
  - For FGA and FGB services, the number of non-premium access minutes to be billed at non-premium rates is derived by subtracting the number of premium rated access minutes from the total number of access minutes.
  - (ii) Premium access minutes will be determined as set forth in (b) following.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (4) <u>Transition Billing Arrangement</u> (Cont'd)
          - (b) The number of access minutes to be rated as premium access minutes is determined as follows:
            - (i) Where end office specific usage data is available, premium rates apply to the measured access minutes originating from or terminating at the equal access end office(s).
            - (ii) Where end office specific usage data is not available for originating and/or terminating FGA or FGB, the total originating and/or terminating usage will be measured or assumed usage at the entry switch as set forth respectively in 4.5.4 and 4.6.4 following. Originating and/or terminating usage will then be apportioned between premium and non-premium access minutes.

Such apportionment will be based on the ratio of the number of subscriber lines in the access area (i.e., local calling areas for FGA originating minutes, LATA for FGA terminating minutes and end offices subtending the access tandem for FGB minutes) of the first point of switching that are served by equal access end offices to the total number of subscriber lines in that access area. The ratio thus developed is applied to the total measured or assumed originating FGA usage, terminating FGA usage, originating FGB usage or terminating FGB usage, as applicable, to determine the usage to be billed at premium rates, unless adjusted as set forth in (iii) following.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (4) <u>Transition Billing Arrangement</u> (Cont'd)
          - (b) (Cont'd)
            - (ii) (Cont'd)

The ratios used to calculate the premium usage will be determined on a quarterly basis. The ratios to be used for the succeeding quarter will be provided to the customer with the last bill rendered in the quarter or mailed separately within five working days after the first day of the new quarter (i.e., January, April, July and October).

For purposes of administering this provision: (1) subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the Telephone Company under its local and/or general exchange service tariff; (2) the access area is defined as the local calling area of the dial tone office for originating FGA, the entire LATA for terminating FGA, and all end offices subtending the access tandem for originating and terminating FGB; and (3) the local calling area of the dial tone office is as defined in the Telephone Company's local and/or general exchange service tariff.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (4) <u>Transition Billing Arrangement</u> (Cont'd)
          - (b) (Cont'd)
            - Where FGD Switched Access Service is provided to a (iii) customer in an end office(s) where that customer's FGA or FGB premium access minutes have been determined in accordance with (ii) preceding, such premium access minutes will be adjusted in the following manner. For each FGD access minute originating from or terminating at that end office, excluding those FGD minutes of use associated with Operator Transfer Service, the originating or terminating FGA or FGB premium access minutes determined as set forth in (ii) preceding will be reduced on a one for one basis, but in no event shall the reduction exceed the total number of FGA or FGB premium access minutes originating from or terminating at that end office. For each FGA or FGB premium minute of use reduction in either the originating or terminating direction, a corresponding originating or terminating non-premium minute of use will be apportioned to those end offices in the access area that are non-equal. Such apportionment will be based upon a ratio of the number of subscriber lines in each non-equal end office to the total subscriber lines that are served by all non-equal end offices in the access area. The customer will be billed for the revised number of premium or non-premium access minutes.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (5) <u>Unmeasured FGA and FGB Access Services</u>

Where originating and/or terminating measurement capability does not exist for Feature Group A or Feature Group B Switched Access Services provided to the first point of switching, the number of access minutes that will be assumed are as set forth following in 4.5.4 and 4.6.4 respectively.

### (6) Notice of Equal Access Conversion

The Telephone Company will provide written notification to all access customers of record within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting all or part of the existing services to equal access (i.e., Feature Group D) or retaining the existing services. The conversion of existing services will be at no charge provided the order to convert such services to Feature Group D is received as set forth in 4.4.3 following. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (7) <u>Common Channel Signaling/Signaling System 7</u> (CCS/SS7) Network Connection Service

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility charge, and a Signaling Transfer Point (STP) Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis (i.e., at each end of the Signaling Mileage Facility). When the Signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges do not apply.

The Signaling Entrance Facility charge is assessed on a per facility basis for the connection between the customer's designated premises (Signaling Point of Interface) and the serving wire center of that premises.

The STP Port charge is assessed on a per port basis for each termination of a Signaling Mileage Facility at an STP.

### (8) <u>800 Data Base Access Service</u>

A Basic Query or Vertical Feature Query charge applies for each completed query that is returned from the 800 data base identifying the customer to whom the call will be delivered whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. Query charges, as set forth within this Section, will only be applied by those companies whose wire centers are identified as assessing query charges in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.1 Description and Application of Rates and Charges (Cont'd)
      - (C) Application of Rates (Cont'd)
        - (8) <u>800 Data Base Access Service</u> (Cont'd)

When Feature Group C or Feature Group D switched access service is used for the provision of 800 Data Base Access Service and the total minutes of use and/or count of queries can be determined for each customer at a tandem or SSP but can not be determined by individual end office, an allocation method will be utilized to determine minutes of use and/or queries by end office and customer. For each end office a ratio will be developed and applied against the total minutes of use and/or count of queries for a given customer as determined by the tandem or SSP. These ratios will be developed by dividing the unidentified originating 800 series minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP. For example, assume:

- Three end offices (EO-1, EO-2, and EO-3) subtend a tandem

EO-1 measures 2,000 minutes of 800 use EO-2 measures 3,000 minutes of 800 use EO-3 measures 5,000 minutes of 800 use 10,000 TOTAL

- The tandem delivers 800 usage to two customers:

IC-A has 4,000 minutes of use IC-B has 6,000 minutes of use

- The allocation ratio for EO-1 is 20%

2,000/10,000

- The minutes of use to be billed by EO-1 are

800 to IC-A (20% X 4,000) 1,200 to IC-B (20% X 6,000) 2,000

**TOTAL** 

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

### 4. <u>Switched Access Service</u> (Cont'd)

### 4.4 Rate Regulations (Cont'd)

### 4.4.2 Minimum Monthly Charge

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

For usage rated Local Transport, Local Switching and Information Surcharge rate elements, the minimum monthly charge is the sum of the recurring charges set forth within this Section for either the actual measured usage or the assumed usage prorated to the number of days or major fraction of days based on a 30- day month.

For flat rated Local Transport rate elements, the minimum monthly charge is the sum of the recurring charges set forth within this Section prorated to the number of days or major fraction of days on a 30-day month.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.4 Rate Regulations (Cont'd)
    - 4.4.3 <u>Change of Switched Access Service Arrangements</u>

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service and when Feature Group C is upgraded to Feature Group D coincident with the availability of Feature Group D in an end office, the nonrecurring charges associated with the equal access conversion will not apply. Nonrecurring charges for other associated service requests, (e.g., a simultaneous change from multifrequency address signaling to SS7 signaling) will apply. Minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligation will be credited to the minimum period obligations for FGD service, subject to the following limitations.

In order to avoid the imposition of nonrecurring charges a customer, which is a participant in the presubscription allocation process (i.e., is on the presubscription ballot) must:

- submit its order to disconnect Feature Group A and/or B within 30 days after the
  date the results of the final allocation of customers in an end office are actually
  received by the customer, and
- make the effective date for disconnection of the Feature Group A and/or B Access Services no later than 60 days after the final allocation results are received by the customer.

A customer, which is not a participant in the allocation process (i.e., is not on the presubscription ballot) is subject to the same rules preceding. The time frames for the non-participating customer(s) are the same as those, which apply to the last customer to receive the results of the final allocation of customers in an end office who is a participant in the allocation process. For all other changes from one type of Feature Group to another, new minimum period obligations will be established.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

### 4.4 Rate Regulations (Cont'd)

### 4.4.4 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer designated premises
- The customer designated premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

# (A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the installation nonrecurring charge for the capacity affected. This charge is in addition to the Access Order Charge as specified within this Section. There will be no change in the minimum period requirements.

# (B) Moves to a Different Building

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

### 4.4.5 <u>Local Information Delivery Services</u>

Calls over Switched Access Service in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth within this Section. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

### 4. <u>Switched Access Service</u> (Cont'd)

#### 4.4 Rate Regulations (Cont'd)

### 4.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport is calculated on airline distances between the end office switch, which may be a Remote Switching Module, (where the call carried by Local Transport originates or terminates) and the customer's serving wire center. When Direct Trunked Transport is ordered between the serving wire center and the end office, mileage is normally measured in one segment from the serving wire center to the end office. When Direct Trunked Transport is ordered between a serving wire center and a tandem and Tandem Switched Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. Exceptions to these methods are as set forth in (B) through (I) following. For SS7 signaling, the mileage to be used to determine the monthly rate for the Signaling Mileage Facility is calculated on the airline distance between the serving wire center associated with the customer's designated premises (Signaling Point of Interface) and the Telephone Company wire center providing the STP Port.

Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

Mileage rates are as set forth within this Section. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

Exceptions to the mileage measurement rules are as follows:

### (A) Feature Group A - Originating Usage

Direct Trunked Transport Mileage for premium and non-premium rated access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method. The mileage measurement will be between the first point of switching (end office switch where the Feature Group A switching dial tone is provided) and the customer's serving wire center for the Switched Access Service provided.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

#### 4.4 Rate Regulations (Cont'd)

### 4.4.6 Mileage Measurement (Cont'd)

### (B) Feature Group A - Terminating Usage

The Local Transport mileage for terminating Feature Group A Switched Access Service when the Telephone Company provides Direct Trunked Transport will be measured in two segments. Direct Trunked Transport mileage will be measured between the customer's serving wire center and the first point of switching (i.e., the end office switch where the Feature Group A switching dial tone is provided). Tandem Switched Transport mileage will be measured between the first point of switching and the terminating end office.

### (C) Feature Groups B, C and D - Alternate Traffic Routing

When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C or D, the Local Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be made using: (1) actual minutes of use if available, (2) standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 4.10.1(L) following (Alternate Traffic Routing), and the total busy hour minutes of capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch, or (3) an apportionment mutually agreed to by the Telephone Company and the customer. This apportionment will serve as the basis for Local Transport calculation.

### (D) Feature Group C - Multiple CDPs

When terminating Feature Group C Switched Access Service is provided from multiple customer designated premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

### 4.4 Rate Regulations (Cont'd)

### 4.4.6 Mileage Measurement (Cont'd)

### (E) Feature Groups A, B, C and D - WATS

The Local Transport Facility for Feature Groups A, B, C and D Switched Access Service connected with Special Access Service at a WATS Serving Office will be measured between the WATS Serving Office (when measured access minutes of use are used) or between the Feature Group A entry switch (when assumed minutes of use are used) and the serving wire center for the customer designated premises.

# (F) Feature Groups B and D - WSCs Directly Interconnected to Access Tandems

The Local Transport mileage for Feature Groups B and D switched access service provided to Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office will be determined on an airline basis, using the V&H coordinate method. The mileage will be measured between the customer's serving wire center and the Telephone Company access tandem office to which the WSC is interconnected.

### (G) Feature Groups B, C, and D - Remote Offices

Local Transport mileage for Feature Groups B, C, and D Switched Access Service provided to a Remote Office will be measured in multiple segments.

When the facility is directly trunked to the Host Office, Direct Trunked Facility mileage will be measured between the customer's serving wire center and the Host Office, and Tandem Switched Facility mileage will be measured between the Host Office and the Remote Office. The Tandem Switching charge will not apply.

When the facility is routed through a tandem to the Host Office, Direct Trunked Facility will be measured from the Serving Wire Center to the tandem, Tandem Switched Facility will be measured from the tandem to the host, and another segment of Tandem Switched Facility will be measured from the host to the remote. A Tandem Switching charge will be applicable at the tandem.

# (H) <u>Use of Telephone Company Hub</u>

When multiplexing is performed at Telephone Company Hubs, mileage is computed and rates applied separately for each segment of the Local Transport Direct Trunked Facility (i.e., customer serving wire center to Hub, Hub to Hub, and/or Hub to end office).

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# 4. <u>Switched Access Service</u> (Cont'd)

### 4.4 Rate Regulations (Cont'd)

### 4.4.7 Mixed Use

Mixed use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity Channel facilities through a common interface. The regulations governing the provision of Mixed Use Facilities are set forth in Section 5.

The Telephone Company will designate the first point(s) of switching and routing to be used where equal access traffic is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

### 4.4.8 Message Unit Credit for Feature Group A

Calls from end users to the seven digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed the assumed originating access minutes. No credit will apply for any terminating FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company.

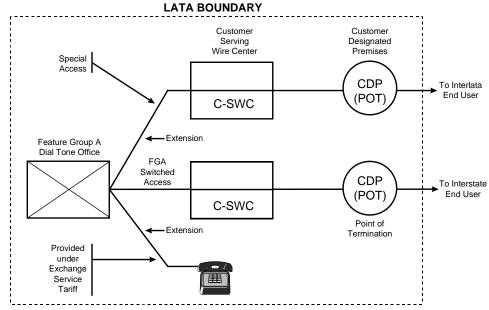
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### 4. <u>Switched Access Service</u> (Cont'd)

### 4.4 Rate Regulations (Cont'd)

# 4.4.9 <u>Application of Rates for Feature Group A Extension Service</u>

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different customer designated premises in the same LATA as the FGA dial tone office or a LATA other than the LATA where the FGA dial tone office is located. Feature Group A extensions within the same LATA and same state as the dial tone office are provided and charged under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions located in a LATA other than the LATA where the dial tone office is located or in a different state in the same LATA as the dial tone office are provided and charged as Special Access Service. The rate elements, which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability (optional features and functions), if applicable. All appropriate monthly rates and nonrecurring charges set forth within this Section will apply.



FEATURE GROUP A EXTENSION SERVICE

In the above example, two CDPs are utilized to better illustrate the concept. From a practical standpoint, both the Switched Access and Special Access Services could be routed via the same CDP.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

#### 4.5 Description and Provision of Feature Group A (FGA)

### 4.5.1 Description

- (A) FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA access communications is transported to another state. Special Access Services utilized for connection with FGA at Telephone Company designated WATS Serving Offices as set forth in Section 5 following may be ordered separately by a customer other than the customer which orders the FGA Switched Access Service for the provision of WATS-type services. Special Access Services are ordered as set forth in Section 5.
- (B) FGA Switching is provided at all end office switches. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling which are specified by the customer's order for service.
- (C) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (D) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
- (E) A seven-digit local telephone number assigned by the Telephone Company is provided for access to FGA switching 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.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)
    - 4.5.1 Description (Cont'd)
      - (F) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.
      - (G) No address signaling is provided by the Telephone Company when FGA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
      - (H) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits).

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

For calls to Directory Assistance (411 and 555-1212, whichever is available), Local Transport rates for FGA Switched Access Service will apply. Additionally, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth within this Section.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)
    - 4.5.1 Description (Cont'd)
      - (I) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
      - (J) FGA will be provisioned over an Entrance Facility from the customer's premises to the customer's serving wire center.

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

FGA service, when used in the terminating direction, will be provisioned as Direct Trunked Transport from the customer's serving wire center to the first point of switching and provisioned as Tandem Switched Transport from the first point of switching to the terminating end office. The Tandem Switching charge will not apply.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. Switched Access Service (Cont'd)
  - 4.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)
    - 4.5.2 Optional Features

Following are the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group A. They are provided as Common Switching, Transport Termination or Local Transport options.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 4.10 following.

- (1) Call Denial on Line or Hunt Group
- (2) Service Code Denial on Line or Hunt Group
- (3) Hunt Group Arrangement
- (4) Uniform Call Distribution Arrangement
- (5) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution
  Arrangement
- (6) <u>Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services</u>
- (7) <u>Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services</u>
- (8) <u>Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services</u>
- (9) Nonhunting Number Associated with a Hunt Group Arrangement or Uniform
  Call Distribution Arrangement for Use with Special Access Service Utilized in
  the Provision of WATS-Type Services

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# 4. <u>Switched Access Service</u> (Cont'd)

### 4.5 Description and Provision of Feature Group A (FGA) (Cont'd)

### 4.5.2 Optional Features (Cont'd)

### (B) Transport Termination

- (1) Two-way operation with dial pulse address signaling and loop start supervisory signaling
- (2) Two-way operation with dial pulse address signaling and ground start supervisory signaling
- (3) Two-way operation with dial tone multifrequency address signaling and loop start supervisory signaling
- (4) Two-way operation with dial tone multifrequency address signaling and ground start supervisory signaling
- (5) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (6) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (7) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (8) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (9) Originating operation with loop start supervisory signaling
- (10) Originating operation with ground start supervisory signaling

#### (C) Local Transport Options

- (1) Supervisory Signaling (as set forth in 17.1.1(E) following)
- (2) Customer Specified Entry Switch Receive Level (as set forth in 17.1.1(E) following)

### 4.5.3 Optional Features Provided In Local Tariffs

Certain other features which may be available in connection with Feature Group A (e.g., Speed Calling, Remote Call Forwarding, Bill Number Screening, IntraLATA extensions) are provided under the Telephone Company's local and/or general exchange service tariffs.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

### 4.5 Description and Provision of Feature Group A (FGA) (Cont'd)

#### 4.5.4 Measuring Access Minutes

Customer Feature Group A traffic to end offices will be measured (i.e., recorded) or assumed by the Telephone Company at end office 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. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

For terminating calls over FGA and for originating calls over FGA (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers), the measured minutes are the chargeable access minutes. For originating calls over FGA (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), chargeable originating access minutes are derived from recorded minutes using the same formula as set forth in 4.7.4 following for Feature Group C.

For originating calls over FGA, usage measurement begins when the originating FGA first point of switching receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over FGA ends when the originating FGA first point of switching receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGA, usage measurement begins when the terminating FGA first point of switching receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA first point of switching receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.5 Description and Provision of Feature Group A (FGA) (Cont'd)
    - 4.5.4 Measuring Access Minutes (Cont'd)

FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group.

Assumed minutes are used for FGA services, which originate or terminate in end offices not equipped with measurement capabilities and where actual usage is unavailable from another local exchange telephone company. In such cases, the assumed minutes are the chargeable access minutes.

Actual minutes of use are required in an end office where at least one access customer in that office has in excess of 24 FGA lines. Actual minutes for that end office must be obtained from measurement equipment installed in the end office or obtained from another local exchange telephone company willing and able to provide actual measurement data to the telephone company. During the interim period when the telephone company is installing measurement equipment or working with an alternate source to obtain actual data, access customer's FGA lines totaling more than 24 will be billed using assumed minutes of use. Upon 60 days advance notification of the telephone company's conversion to actual measurement, all FGA customers, regardless of line size, served by that end office would be billed based upon actual minutes.

Where originating and terminating measurement capability does not exist for Feature Group A provided to the first point of switching, the number of access minutes will be assumed as set forth within this Section.

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be assumed usage, as set forth within this Section, or the measured usage, whichever is greater. If the usage in the measured direction exceeds the assumed access minutes per line per month, no usage will be assigned in the unmeasured direction. If the measured usage is less than the assumed access minutes per line per month, the usage in the unmeasured direction will be the assumed usage, as set forth within this Section, direction except that the total of measured and assumed minutes in such instances will not exceed the total assumed usage designated for two way calling set forth within this Section. If the total exceeds the assumed minutes set forth within this Section, the assigned minutes shall be reduced so that the total of measured and unmeasured minutes equals the assumed minutes for two way calling set forth within this Section.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

# 4.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

# 4.5.4 Measuring Access Minutes (Cont'd)

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, assumed originating access minutes, as set forth within this Section, will be assigned for originating calling only lines and assumed terminating access minutes, as set forth within this Section, will be assigned for terminating calling only lines.

The following matrix illustrates the application of assumed access minutes for FGA as set forth within this Section.

Service <u>Ordered As</u>	Can Measure Originating	Can't Measure Can M Originating	leasure <u>Terminating</u>	Can't Measure Terminating
Originating Only	Actual	1,510	N/A	N/A
Terminating Only	N/A	N/A	Actual	2,685
Both Originating and Terminating (originating measurement greater than 4195)	Actual	N/A	N/A	0
Both Originating and Terminating (originating measurement equal or less than 4195)	Actual	N/A	N/A	0 to 2685*
Both Originating and Terminating (terminating measurement greater than 4195)	N/A	0	Actual	N/A
Both Originating and Terminating (terminating measurement equal or less than 4195)	N/A	0 to 1510*	Actual	N/A

<sup>\*</sup> Sum of actual and assumed cannot exceed 4195. Reduce assumed minutes of use if necessary.

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### 4. <u>Switched Access Service</u> (Cont'd)

# 4.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

### 4.5.4 Measuring Access Minutes (Cont'd)

Notwithstanding the preceding, when Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group A first point of switching, the measured WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

### 4.5.5 <u>Testing Capabilities</u>

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 4.2.4 preceding, which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in Section 6.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.6 <u>Description and Provision of Feature Group B (FGB)</u>

#### 4.6.1 Description

- (A) FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code. FGB trunk side access is provided for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state. Special Access Services utilized for connection with FGB at Telephone Company designated WATS Serving Offices as set forth in Section 5. following may be ordered separately by a customer other than the customer which orders the FGB Switched Access Service for the provision of WATS or WATS-type services.
- (B) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (C) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (D) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth respectively in 4.10.1(F) and 4.10.2(A) following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)
    - 4.6.1 Description (Cont'd)
      - (E) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX. A uniform access code(s) will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.
      - (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is ordered. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
      - (G) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

Calls in the terminating direction will not be completed to the 950-XXXX access code, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB switching is combined with Directory Assistance (DA) switching. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)
    - 4.6.1 Description (Cont'd)
      - (H) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
      - (I) The Telephone Companies listed within this Section will make available in certain Telephone Company designated end offices FGB with an Abbreviated Dialing Arrangement (ADA). Such FGB with an ADA will be provisioned in the same manner in which FGB is provisioned with the exceptions described in 4.9.2(A) following. When FGB with an ADA is made available in a non-equal end office, the Telephone Company will continue to make FGB with an associated 950-XXXX access code available to customers at non-premium rates.
      - (J) For FGB switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport premium rate element for the FGB usage. The mileage used to determine the monthly rate for the local transport rate element is as set forth in 4.4.6(G) preceding.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)
    - 4.6.2 Optional Features

Following are descriptions of the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group B. They are set forth in (A), (B) and (C) following and are provided as Common Switching, Transport Termination and Local Transport options. Additionally, other optional features provided in local tariffs are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 4.10 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) Up to 7 Digit Outpulsing of Access Digits to Customer
- (3) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services
- (4) <u>Hunt Group Arrangement for Use with Special Access Service Utilized in the</u> Provision of WATS or WATS-Type Services
- (5) <u>Uniform Call Distribution Arrangement for Use with Special Access Service</u>
  <u>Utilized in the Provision of WATS or WATS-Type Services</u>
- (6) Nonhunting Number Associated with Hunt Group Arrangement or Uniform
  Call Distribution Arrangement for Use with Special Access Service Utilized in
  the Provision of WATS or WATS-Type Services
- (B) <u>Transport Terminations Options</u>
  - (1) Rotary Dial Station Signaling

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### 4. Switched Access Service (Cont'd)

### 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

### 4.6.2 Optional Features (Cont'd)

# (C) <u>Local Transport Options</u>

- (1) Customer Specification of Local Transport Termination
- (2) Optional Supervisory Signaling
- (3) Customer Specified Entry Switch Receive Level

These options concerning transmission levels and signaling are set forth in 17.1.1 following.

### (D) Optional Features Provided In Local Tariffs

Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

### 4.6.3 Design and Traffic Routing

For Feature Group B, the trunk directionality and traffic routing of the Switched Access Service between the customer designated premises and the entry switch are determined by the customer's order for service; except the Telephone Company will designate the first point(s) of switching and routing to be used where equal access is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Additionally, the customer may order the optional feature Customer Specification of Local Transport Termination as set forth in 17.

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### 4. Switched Access Service (Cont'd)

# 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

### 4.6.4 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. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

For both originating and terminating calls over FGB the measured minutes are the chargeable access minutes.

For originating calls over FGB, usage measurement begins when the originating FGB first point of switching receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGB, usage measurement begins when the terminating FGB first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

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

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

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- 4. Switched Access Service (Cont'd)
  - 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)
    - 4.6.4 Measuring Access Minutes (Cont'd)

Assumed minutes are used for FGB services, which originate or terminate in end offices not equipped with measurement capabilities and in such cases are the chargeable access minutes.

Where originating and terminating measurement capability does not exist for Feature Group B provided to the first point of switching, the number of access minutes will be assumed, as set forth within this Section, when the trunk is arranged for two way calling.

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be assumed usage, as set forth within this Section, or the measured usage, whichever is greater. If the usage in the measured direction exceeds the assumed access minutes per trunk per month, no usage will be assigned in the unmeasured direction. If the measured usage is less than the assumed access minutes per trunk per month, the usage in the unmeasured direction will be the assumed usage, as set forth within this Section, for that unmeasured direction except that the total of measured and assumed minutes in such instances will not exceed the total assumed usage designated for two way calling set forth within this Section. If the total exceeds the assumed minutes set forth within this Section, the assigned minutes shall be reduced so that the total of measured and unmeasured minutes equals the assumed minutes for two-way calling set forth within this Section.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, assumed originating access minutes, as set forth within this Section, will be assigned for originating calling only lines and assumed terminating access minutes, as set forth within this Section, will be assigned for terminating calling only lines.

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# 4. <u>Switched Access Service</u> (Cont'd)

# 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

# 4.6.4 Measuring Access Minutes (Cont'd)

The following matrix illustrates the application of assumed access minutes for FGB as set forth within this Section.

Service Ordered As	Can Measure Originating	Can't Measure Originating	Can Measure <u>Terminating</u>	Can't Measure <u>Terminating</u>
Originating Only	Actual	3,132	N/A	N/A
Terminating Only	N/A	N/A	Actual	5,568
Both Originating and Terminating (originating measurement greater than 8700)	Actual	N/A	N/A	0
Both Originating and Terminating (originating measurement equal or less than 8700)	Actual	N/A	Actual	0 to 5568*
Both Originating and Terminating (terminating measurement greater than 8700)	N/A	0	Actual	N/A
Both Originating and Terminating (terminating measurement equal or less than 8700)	N/A	0 to 3132*	Actual	N/A

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<sup>\*</sup> Sum of actual and assumed cannot exceed 8700. Reduce assumed minutes of use if necessary.

### 4. <u>Switched Access Service</u> (Cont'd)

### 4.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

### 4.6.4 Measuring Access Minutes (Cont'd)

Notwithstanding the preceding, when Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group B first point of switching, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

When Feature Group B is ordered at an access tandem and end office specific usage measurement is not available, the actual or assumed originating and/or terminating minutes of use as determined by the exchange carrier providing the access tandem will be apportioned among all subtending end offices. For each end office, such apportionment shall be based on the ratio of the total number of subscriber lines in each end office subtending the access tandem to the total number of subscriber lines associated with all end offices subtending the access tandem. For purposes of administering this regulation, subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the telephone companies under local and/or general exchange service tariffs. The resulting ratio for each end office is then applied to the total access area originating and/or terminating minutes of use to determine originating and/or terminating minutes of use to be assigned for billing purposes to each subtending end office in the access area.

The ratio used to calculate the access minutes will be determined by the Telephone Company and provided to the customer upon his request within 15 days of the receipt of such request.

# 4.6.5 <u>Testing Capabilities</u>

FGB is provided, in the terminating direction where equipment is available, with seven-digit access to 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. In addition to the tests described in 4.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in Section 6.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u>

#### 4.7.1 Description

- (A) FGC Access provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. Originating and terminating FGC Access is available to providers of MTS and WATS. Originating FGC Access is available to all customers when used to provide the Interim NXX Translation optional feature or 800 Data Base service. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of the Interim NXX Translation optional feature or 800 Data Base service, but only for purposes of testing. Existing FGC Access will be converted to Feature Group D Access when Feature Group D Access becomes available in an end office. Special Access Services utilized for connection with FGC at Telephone Company designated WATS Serving Offices as set forth in Section 5 may be ordered separately by a customer other than the customer, which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS) for the provision of WATS Services.
- (B) Feature Group C switching is provided at all end office switches unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided. FGC is provided at Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. Feature Group C switching is furnished to providers of MTS and WATS. Additionally, originating Feature Group C switching is available to all customers when used to provide the Interim NXX Translation optional feature or 800 Data Base service. Terminating Feature Group C switching is available to all customers who are not MTS and WATS providers only when such terminating access is for purposes of testing Feature Group C facilities provided in conjunction with the Interim NXX Translation optional feature or 800 Data Base Service.
- (C) FGC 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. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start startpulsing signals are not available, delay dial start- pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.1 Description (Cont'd)
      - (D) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse or immediate dial pulse signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
      - (E) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.1 Description (Cont'd)
      - (F) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGC switching is combined with Directory Assistance switching. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.1 Description (Cont'd)
      - (G) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
      - (H) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or 800 Data Base traffic in the same trunk group arrangement with their non-Interim NXX Translation traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer (i.e., provider of MTS and WATS), a separate trunk group will be established for Interim NXX Translation traffic and/or 800 Data Base.
      - (I) Operator Transfer Service may be provided with FGC Switched Access Service at Telephone Company designated Operator Services locations.
        - The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end offices subtending the Operator Services location. Operator Transfer Service is provided as set forth in 4.10.3 following.
      - (J) FGC switching is provided with multifrequency address signaling or out of band SS7 signaling where technically feasible. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.2 Optional Features

Following are descriptions of the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group C. Nonchargeable optional features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 4.10 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) Signaling Options
  - (a) Delay Dial Start-Pulsing Signaling
  - (b) Immediate Dial Pulse Address Signaling
  - (c) <u>Dial Pulse Address Signaling</u>
- (3) Service Class Routing
- (4) Alternate Traffic Routing
- (5) <u>Trunk Access Limitation</u>
- (6) <u>Band Advance Arrangement Associated with Special Access Service</u> <u>Utilized in the Provision of WATS Service</u>
- (7) End Office End User Line Service Screening for Use with Special Access
  Service Utilized in the Provision of WATS Service
- (8) <u>Hunt Group Arrangement for Use with Special Access Service Utilized</u> in the Provision of WATS Service

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.2 Optional Features (Cont'd)
      - (A) Common Switching Options (Cont'd)
        - (9) <u>Uniform Call Distribution Arrangement for Use with Special Access</u> Service Utilized in the Provision of WATS Services
        - (10) Nonhunting Number Associated with a Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS Services
        - (11) <u>Digital Switched 56 Service</u>
      - (B) <u>Transport Termination Options</u>
        - Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin
           The Operator Trunk option is set forth in 4.10.2(B) following.
      - (C) Local Transport Options
        - (1) Supervisory Signaling

The Supervisory Signaling optional feature, due to its technical nature, is set forth in 17.1.1 following.

(2) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to send and receive signals for out of band call set up and is available with Feature Group C. This option requires the establishment of a signaling connection between the customer's designated premises/Signaling Point of Interface (SPOI) and a Telephone Company Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGC and each signaling connection is provisioned for two way SS7 signaling information.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 Description and Provision of Feature Group C (FGC) (Cont'd)
    - 4.7.2 Optional Features (Cont'd)
      - (C) Local Transport Options (Cont'd)
        - (3) Multifrequency Address Signaling
        - (4) Calling Party Number (CPN)
        - (5) Charge Number Parameter (CNP)
        - (6) 64 Clear Channel Capability

The 64 Clear Channel Capability optional feature, due to its technical nature, is set forth in 17.1.1 following.

- (D) Chargeable Optional Features
  - (1) Interim NXX Translation

The Interim NXX Translation Optional Feature is set forth in 4.10.3(A) following.

- (2) The Operator Transfer Service Optional Feature is provided as set forth in 4.10.3 following.
- (3) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC)

The CCSNC Optional Feature is provided as set forth in 4.10.3 following.

## 4.7.3 <u>Design and Traffic Routing</u>

For Feature Group C, the Telephone Company shall design and determine the routing of Switched Access Service. Additionally, for Tandem Switched Transport the Telephone Company will design and determine the routing from the first point of switching to the end office. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.4 Measuring Access Minutes

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

For terminating calls over FGC when measurement capability exists, the measured minutes are the chargeable access minutes. For originating calls over FGC, chargeable originating access minutes are derived from recorded minutes in the following manner:

- Step 1: Obtain recorded originating minutes and messages from the appropriate recording data.
- Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800 series, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

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- 4. Switched Access Service (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.4 Measuring Access Minutes (Cont'd)
      - Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.
      - Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

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

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

- (1) Total Attempts = <u>1,000(M. Mes.)</u> = 1,333.33 .75 (CR)
- (2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33
- (3) Total Chargeable Originating Access Minutes = 7,000 (M. Min) + 533.33 (NCTA) =7,533.33

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

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- 4. Switched Access Service (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.4 Measuring Access Minutes (Cont'd)

## Originating Usage

For originating calls over FGC, provided with Multi-Frequency Signaling, usage measurement begins when the originating FGC first point of switching receives answer supervision from the customer's point of termination, indicating the called party has answered.

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

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

The measurement of originating call usage over FGC provided with Multi-Frequency Signaling ends when the originating FGC first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.4 Measuring Access Minutes (Cont'd)

## Terminating Usage

For terminating calls over FGC the chargeable access minutes are either measured or derived. For terminating calls over FGC where measurement capability does not exist, terminating FGC usage is derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

For terminating calls over FGC provided with Multi-Frequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGC first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGC first point of switching receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.5 Design Blocking Probability

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

- (A) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. 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.
- (B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design-blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.5 <u>Design Blocking Probability</u> (Cont'd)
      - (B) (Cont'd)
        - (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group

	5-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements	
2	7%	8%	9%	14%	
3	5%	6%	7%	9%	
4	5%	6%	7%	8%	
5-6	4%	5%	6%	7%	
7 or more	3%	3.5%	4%	6%	

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

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group

	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements	
2	4.5%	5.5%	6.0%	9.5%	
3	3.5%	4.0%	4.5%	6.0%	
4	3.5%	4.0%	4.5%	5.5%	
5-6	2.5%	3.5%	4.0%	4.5%	
7 or more	2.0%	2.5%	3.0%	4.0%	

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
    - 4.7.6 Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to 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. In addition to the tests described in 4.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing are available as set forth in Section 6.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u>
    - 4.8.1 Description
      - (A) FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches. Special Access Services utilized for connection with FGD at Telephone Company designated WATS Serving offices as set forth in Section 5 following may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service for the provision of WATS or WATS-type services.
      - (B) FGD is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.
      - (C) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
      - (D) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.1 Description (Cont'd)
      - (E) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.
      - (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.1 Description (Cont'd)
      - (G) The access code for FGD switching is a uniform access code of the form 101XXXX. A uniform access code(s) will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in Section 6.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer designated premises.

(H) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for interLATA service.

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- 4. Switched Access Service (Cont'd)
  - 4.8 Description and Provision of Feature Group D (FGD) (Cont'd)
    - 4.8.1 Description (Cont'd)
      - (I) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or 800 Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or 800 Data Base traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or 800 Data Base traffic.
      - (J) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.
      - (K) For FGD switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport premium rate element for the FGD usage. The mileage used to determine the monthly rate for the local transport rate element is as set forth in 4.4.6(G) preceding.
      - (L) Operator Transfer Service (forwarding of 0- calls) may be provided with FGD Switched Access Service at Telephone Company designated Operator Services locations.

The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end office subtending the Operator Services location. Operator Transfer Service is provided as set forth in 4.10.3 following.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.2 Optional Features

Following are the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Nonchargeable Optional Features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 4.10 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) Service Class Routing
- (3) Alternate Traffic Routing
- (4) Trunk Access Limitation
- (5) <u>Call Gapping Arrangement</u>
- (6) International Carrier Option
- (7) <u>Band Advance Arrangement for Use with Special Access Service</u>
  <u>Utilized in the Provision of WATS or WATS-Type Services</u>
- (8) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services
- (9) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services
- (10) <u>Uniform Call Distribution Arrangement for Use with Special Access</u> <u>Service Utilized in the Provision of WATS or WATS-Type Services</u>
- (11) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services
- (12) <u>Digital Switched 56 Service</u>

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.2 Optional Features (Cont'd)
      - (B) Transport Termination Options
        - (1) Operator Trunk Full Feature

The Operator Trunk optional feature is set forth in 4.10.2(C) following.

- (C) Local Transport Options
  - (1) Supervisory Signaling

The Supervisory Signaling optional feature, due to its technical nature, is set forth in 17.1.1 following.

(2) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to send and receive signals for out of band call set up and is available with Feature Group D. This option requires the establishment of a signaling connection between the customer's designated premises/ Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGD and each signaling connection is provisioned for two-way SS7 signaling information.

- (3) <u>Multifrequency Address Signaling</u>
- (4) <u>Calling Party Number (CPN) Parameter</u>
- (5) <u>Charge Number Parameter (CNP)</u>
- (6) Carrier Selection Parameter (CSP)
- (7) 64 Clear Channel Capability

The 64 Clear Channel Capability optional feature, due to its technical nature, is set forth in 17.1.1 following.

(8) <u>Carrier Identification Parameter (CIP)</u>

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- 4. Switched Access Service (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.2 Optional Features (Cont'd)
      - (D) Chargeable Optional Features
        - (1) <u>Interim NXX Translation</u>

The Interim NXX Translation Optional Feature is set forth in 4.10.3(A) following.

(2) Operator Transfer Service

The Operator Transfer Service Optional Feature is provided as set forth in 4.10.3 following.

(3) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC)

The CCSNC Optional Feature is provided as set forth in 4.10.3 following.

## 4.8.3 Design and Traffic Routing

For Feature Group D, the Telephone Company shall design and determine the routing of Tandem Switched Transport service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

For Feature Group D Direct Trunked Transport service, the Telephone Company will determine the routing of Switched Access Service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to the hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

Selection of facilities and equipment and traffic routing of the service is based on standard engineering methods, available facilities and equipment, and actual traffic patterns. The Telephone Company will designate the first point(s) of switching and routing to be used where equal access is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO 4.

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### 4. Switched Access Service (Cont'd)

#### 4.8 Description and Provision of Feature Group D (FGD) (Cont'd)

### 4.8.4 Measuring Access Minutes

Customer traffic to end offices will be recorded at end office switches or access tandem switches. Originating and terminating calls will be measured or derived to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

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

### Originating Usage

For originating calls over FGD the measured minutes are the chargeable access minutes.

For originating calls over FGD, provided with Multi-Frequency Signaling, usage measurement begins when the originating FGD first point of switching receives the first wink supervisory signal forwarded from the customer's point of termination.

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

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

The measurement of originating call usage over FGD provided with Multi-Frequency Signaling ends when the originating FGD first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.4 Measuring Access Minutes (Cont'd)

## Terminating Usage

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

For terminating calls over FGD provided with Multi-Frequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGD first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGD first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.5 Design Blocking Probability

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

- (A) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity or 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.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
    - 4.8.5 <u>Design Blocking Probability</u> (Cont'd)
      - (B) (Cont'd)
        - (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group

	15-20 Measurements M		7-10 Measurements	3-6 Measurements	
2	7%	8.0%	9%	14.0%	
3	5%	6.0%	7%	9.0%	
4	5%	6.0%	7%	8.0%	
5-6	4%	5.0%	6%	7.0%	
7 or more	3%	3.5%	4%	6.0%	

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

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group

	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements	
2	4.5%	5.5%	6.0%	9.5%	
3	3.5%	4.0%	4.5%	6.0%	
4	3.5%	4.0%	4.5%	5.5%	
5-6	2.5%	3.5%	4.0%	4.5%	
7 or more	2.0%	2.5%	3.0%	4.0%	

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## 4. <u>Switched Access Service</u> (Cont'd)

## 4.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

### 4.8.6 Network Blocking Charge

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30-day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth within this Section, for each overflow in excess of the blocking threshold when (1) the average "30-day period" overflow exceeds the threshold level for any particular hour and (2) the "30-day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

# **Blocking Thresholds**

Trunks in Service 1%	<u>1/2%</u>	
1-2	7.0%	4.5%
3-4	5.0%	3.5%
5-6	4.0%	2.5%
7 or greater	3.0%	2.0%

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a customer's premises. The 1/2% blocking threshold is for transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.8 Description and Provision of Feature Group D (FGD) (Cont'd)

### 4.8.7 Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven-digit access to 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. In addition to the tests described in 4.2.4 preceding, which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing, are available as set forth in Section 6.

When SS7 Signaling is ordered, network compatibility and other testing will be performed cooperatively by the Telephone Company and the customer as specified in Technical References TR-TSV 000905.

### 4.9 Interim Access

## 4.9.1 Abbreviated Dialing Arrangement (ADA)

FGB Switched Access Service with an ADA (FGB ADA) is available to all customers, other than providers of MTS/WATS, from Telephone Company designated end offices. FGB ADA enables end users to utilize a one or two digit access code to access customers who have ordered this service.

### (A) FGB ADA Exceptions

FGB ADA is available to all customers other than providers of MTS/WATS and is provisioned like FGB Switched Access Service as set forth in 4.6.1 preceding with the following exceptions:

- (1) FGB ADA is available as originating only service, or as both originating and terminating service (2-way). FGB ADA is not available as terminating only service.
- (2) FGB ADA is only provided by direct routing to an end office switch.
- (3) The forms of the access code for originating FGB ADA switching are N or NX.\* Assignment of FGB ADA access codes will be on a first-come, first-served basis and is subject to the availability of access code numbers.
- (4) Calls in the terminating direction will not be completed to FGB with an ADA access code (N and NX.)

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# 4. <u>Switched Access Service</u> (Cont'd)

## 4.10 Chargeable and Nonchargeable Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Common Switching, Transport Termination, Interim NXX Translation options or Operator Transfer Service option. Local Transport options associated with Common Channel Signaling Network Connection Service (CCSNC) are described in 4.10.1 following. All other Local Transport options, due to their technical nature, are described in 17.1.1 following.

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# 4. <u>Switched Access Service</u> (Cont'd)

# 4.10 <u>Chargeable and Nonchargeable Optional Features</u> (Cont'd)

## 4.10.1 Common Switching Nonchargeable Optional Features

The following table shows the Feature Groups with which the optional features are available.

Available Feature Groups

			Available Feature Groups				
	<u>Option</u>		Α	В	С	D	
A)	Call Denial on Line or Hunt Group		X				
B)	Service Code Denial on Line or Hunt Group		Χ				
C)	Hunt Group Arrangement			Χ			
D)	Uniform Call Distribution Arrangement	Χ					
E)	Nonhunting Number for Use with Hunt Group						
,	or Uniform Call Distribution Arrangement		Χ				
F)	Automatic Number Identification (ANI)		Χ	Χ	Χ		
Ġ)	Up to 7 Digit Outpulsing of Access Digits to Customer			X			
H)	Delay Dial Start-Pulsing Signaling				Χ		
I)	Immediate Dial Pulse Address Signaling				X		
J)	Dial Pulse Address Signaling				X		
K)	Service Class Routing				X	X	
L)	Alternate Traffic Routing		Χ	Х	X	^	
M)	Trunk Access Limitation		^	X	X		
N)	Call Gapping Arrangement			^	^	X	
0)	International Carrier Option					X	
P)	Band Advance Arrangement for Use with Special					^	
' /	Access Service Utilized in the Provision of						
	WATS or WATS-Type Services		X	Х	Χ	X	
Q)	End Office End User Line Service Screening for		^	^	^	^	
Q)	Use with Special Access Service Utilized in						
	the Provision of WATS or WATS-Type Services				Χ	X	
R)	Hunt Group Arrangement for Use with Special				^	^	
IX)	Access Service Utilized in the Provision of						
			Χ	Χ	Х	X	
67	WATS or WATS-Type Services		^	^	^	^	
S)	Uniform Call Distribution Arrangement for Use						
	with Special Access Service Utilized in the	Χ	Χ	Х	X		
Τ\	Provision of WATS or WATS-Type Services	^	^	^	^		
T)	Nonhunting Number Associated with Hunt Group						
	Arrangement or Uniform Call Distribution						
	Arrangement for Use with Special Access						
	Service Utilized in the Provision of WATS		Χ	V	V	Χ	
1.1\	or WATS-Type Services		^	X X	X	^	
U)	Digital Switched 56 Service			X	X		
V)	Multifrequency Address Signaling				X		
W)	Signaling System 7 (SS7) Signaling			X	X		
X)	Calling Party Number (CPN)			Χ	X		
Y)	Carrier Selection Parameter (CSP)				X		
Z)	Charge Number Parameter (CNP)				X	X	
	Flexible Automatic Number Identification(Flex ANI)				X		V
	Carrier Identification Parameter (CIP)					TIVE 1	X
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## 4. <u>Switched Access Service</u> (Cont'd)

### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

### 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

## (A) Call Denial on Line or Hunt Group

This option allows for the screening of terminating Feature Group A calls. There are two screening arrangements available with this option as follows: 1) limiting terminating calls for completion to only 411 or 555-1212 whichever is available, 611, 911, 800 series and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the LATA, i.e., the call cannot be further switched or routed out of the LATA nor will calls be completed to 411 or 555-1212 whichever is available, 611, 911 or 800 series. All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. Arrangement 2 is provided where available. This feature is available with Feature Group A.

## (B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company end offices. It is available with Feature Group A.

## (C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. All Feature Group A access services in the same hunt group must provide off-hook supervisory signaling from the same point in time in the call sequence i.e., all off-hook supervisory signals must either be provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (D) Uniform Call Distribution Arrangement

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

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution

Arrangement

This option provides access to an individual line within a multiline hunt or uniform call distribution group. When the nonhunting number is dialed, access is provided when it is idle, or busy tone is provided when it is busy. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

- (F) <u>Automatic Number Identification (ANI)</u>
  - (1) This option provides the automatic transmission of a seven digit or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function, which is associated on a callby-call basis with:
    - (a) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with
    - (b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.
  - (2) The seven digit ANI telephone number is generally available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, pay telephones using Feature Group B, or when an ANI failure has occurred. Seven digit ANI is not available with SS7 Signaling.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 <u>Chargeable and Nonchargeable Optional Features</u> (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
        - (3) The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Number 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 multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 signaling.
        - (4) With Feature Group C, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided. Additionally, ANI is provided from end offices where message detail recording is not required by the Telephone Company; as with 800 series service. ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
        - (5) Where complete ANI detail cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify:

- telephone number is the station billing number no special treatment required,
- (b) multiparty line telephone number is a 4- or 8- party line and cannot be identified - number must be obtained via an operator or in some other manner,
- (c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner,
- (d) hotel/motel originated call which requires room number identification.
- (e) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and
- (f) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The AIOD ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

These ANI information digits are generally available with Feature Groups B, C, and D.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
        - (6) Additional ANI information digits are available with Feature Group D also. They include:
          - (a) InterLATA restricted telephone number is identified line
          - (b) InterLATA restricted hotel/motel line
          - (c) InterLATA restricted coinless, hospital, inmate, etc., line

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

Flexible Automatic Number Identification (Flex ANI) is an enhancement to ANI and is offered as a Common Switching Nonchargeable Optional Feature of Feature Group D as described in 4.10.1(AA) following.

- (7) Restrictions on Use and Sale of ANI
  - (a) Interstate access customers of this tariff may use ANI in the following manner:
    - For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 <u>Common Switching Nonchargeable Optional Features</u> (Cont'd)
      - (F) Automatic Number Identification (ANI) (Cont'd)
        - (7) Restrictions on Use and Sale of ANI (Cont'd)
          - (b) Interstate access customers of this tariff <u>may not</u> use ANI in the following manner:
            - Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber <u>and</u> obtaining the affirmative consent of such subscriber for such reuse or sale.
            - (ii) Disclosing (except as permitted in (a), preceding), any information derived from the ANI for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.
      - (G) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer-designated premises.

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 customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. This feature is available with Feature Group B.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

### 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

### (H) Delay Dial Start-Pulsing Signaling

Where available, this option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off\_hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C.

## (I) Immediate Dial Pulse Address Signaling

Where available, this option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.

## (J) <u>Dial Pulse Address Signaling</u>

Where available, this trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer designated premises (in either direction) by means of direct current pulses. It is available with Feature Group C.

## (K) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or Service Access Code (e.g., 900). It is provided in suitably equipped end office or access tandem switches. It is available with Feature Groups C and D.

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## 4. <u>Switched Access Service</u> (Cont'd)

### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

### 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

## (L) Alternate Traffic Routing

When the customer orders both Direct Trunked Transport and Tandem Switched Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches. It is available with Feature Groups B, C and D.

## (M) Trunk Access Limitation

This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service, which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

### (N) <u>Call Gapping Arrangement</u>

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service, which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (O) International Carrier Option

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

(P) <u>Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services</u>

This option, which is provided in association with two or more Special Access Service groups, provides for the automatic overflow of terminating calls to a second Special Access Service group, when the first group has exceeded its call capacity. This option is available with Feature Groups A, B, C and D.

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

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company), which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices which are designated as WATS Serving Offices. It is available with Feature Groups C and D.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 <u>Chargeable and Nonchargeable Optional Features</u> (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (R) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

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

(S) <u>Uniform Call Distribution Arrangement for Use with Special Access Service</u>
Utilized in the Provision of WATS or WATS-Type Services

This option provides a type of multiline hunting arrangement, which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

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

This option provides an arrangement, for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multiline hunt or uniform call distribution group, that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed, without hunting to the next idle number. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

### 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

## (U) <u>Digital Switched 56 Service</u>

This option provides for a connection between a customer's premise and a suitably equipped end user's premise which uses end office switching and facilities capable of transmitting digital data up to 56 Kilobits per second. Digital Switched 56 Service is only available in appropriately provisioned Feature Group C and Feature Group D offices as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

## (V) <u>Multifrequency Address Signaling</u>

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

#### (W) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. The signaling information is transmitted over facilities provided with the Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) as specified in 4.1.3(A)(10) preceding. This feature is available with FGC and FGD and will be provided in accordance with the SS7 Interconnect specifications.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (X) Calling Party Number (CPN)

This feature provides for the automatic transmission of the ten-digit telephone number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten-digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten-digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is automatically provided with originating FGC and FGD with SS7 signaling. CPN is available where technically feasible.

- (1) Restrictions on Use and Sale of CPN
  - (a) Interstate access customers of this tariff may use CPN in the following manner:
    - For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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

- (b) Interstate access customers of this tariff <u>may not</u> use CPN in the following manner:
  - Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber <u>and</u> obtaining the affirmative consent of such subscriber for such reuse or sale.
  - (ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (Y) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator, which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. This feature is provided with originating FGD with SS7 signaling.

- (Z) Charge Number Parameter (CNP)
  - (1) The CNP is equivalent to the existing ten-digit Automatic Number Identification (ANI) available with FGC where technically feasible and FGD with MF signaling. The CNP provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. This feature is provided with originating FGC and FGD with SS7 signaling.
  - (2) Restrictions on Use and Sale of CNP
    - (a) Interstate access customers of this tariff may use CNP in the following manner:
      - For billing and collection information, for routing, screening and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 <u>Chargeable and Nonchargeable Optional Features</u> (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (Z) Charge Number Parameter (CNP) (Cont'd)
        - (2) Restrictions on Use and Sale of CNP (Cont'd)
          - (b) Interstate access customers of this tariff <u>may not</u> use CNP in the following manner:
            - Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber <u>and</u> obtaining the affirmative consent of such subscriber for such reuse or sale.
            - (ii) Disclosing, except as permitted in (a), preceding, any information derived from the CNP for any purpose other than 1) performing the services or transactions that are the subject of the originating subscribers call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.
      - (AA) Flexible Automatic Number Identification (Flex ANI)

Flex ANI is a Common Switching Optional Feature that enhances the existing Automatic Number Identification (ANI) optional feature (described in 4.10.1 (F) preceeding) by allowing Feature Group D (FGD) customers to receive additional information digits. Flex ANI provides additional values for these information digits over and above the values currently available with ANI and is used to identify additional call types, e.g., 27 for pay telephones requiring central office coin supervision capability, 29 for prison/inmate pay telephones, and 70 for pay telephones not requiring central office coin supervision. Flex ANI can also be used to provide Originating Line Screening (OLS) service. OLS service is described in Section 6.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.1 Common Switching Nonchargeable Optional Features (Cont'd)
      - (AA) Flexible Automatic Number Identification (Flex ANI) (Cont'd)

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

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

Flex ANI is available to customers with FGD Switched Access Service equipped with ANI. Flex ANI is available in suitably equipped end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

#### (AB) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) provides for the automatic transmission of the Carrier Identification Code (CIC) to the Customer Designated Premises for FG D calls originating in the LATA. The CIC is included in the Signaling System 7 information provided to the customer when the call originates from a presubscribed line or when the end user dials the customer's 101XXXX access code. CIP is available from suitably equipped end office and access tandems as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, when used in conjunction with Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) as described in 4.10.3(C) following and Signaling System 7 Signaling as described in 4.10.1(W) preceding.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

#### 4.10.2 Transport Termination Nonchargeable Optional Features

#### (A) Rotary Dial Station Signaling

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

#### (B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

#### Coin, Non-Coin:

This arrangement provides for initial coin return control, except in the case of non-coin, and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin and non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin-calling traffic is routed over a trunk group dedicated to operator-assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's automated operator services systems, rather than in the customer's manual cord boards.

## Combined Coin and Non-Coin:

When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless pay telephones, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

## 4.10.2 <u>Transport Termination Nonchargeable Optional Features</u>

## (C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with Feature Group D and is provided as a trunk type for Transport Termination. This feature is not available with SS7 signaling.

## 4.10.3 Chargeable Optional Features

#### (A) Interim NXX Translation

This service is an originating offering utilizing trunk side Switched Access Service and provides a customer identification function based on the dialed SAC and NXX code.

For example, when a 1+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to that customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked.

Calls to a 900 number dialed via 1+ from coin telephones, 0-, 101XXXX, Inmate Service, and Hotel/Motel Service will be blocked. Calls to a 900 number dialed via 0+ will normally be blocked. Orders received from customers to unblock 0+ calls to a 900 number will be accommodated where suitably equipped facilities exist.

The manner in which Interim NXX Translation is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). When Interim NXX Translation is provided from an end office not equipped with equal access capabilities, it will be provided in conjunction with FGC Switched Access Service.

The charge for Interim NXX Translation is as set forth within this Section.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.3 Chargeable Optional Features (Cont'd)
      - (B) Operator Transfer Service

At the option of the customer, Operator Transfer Service as specified following, is available for use with Feature Group C and Feature Group D Switched Access Service. Operator Transfer Service is provided to the customer via separate FGC or FGD trunks dedicated to Operator Transfer Service traffic.

Operator Transfer Service is an arrangement in which Telephone Company operators transfer 0 minus (0-) calls (calls for which the end user dials 0 with no additional digits) to the customer designated by the end user.

The operator transfer function will be performed in the following manner:

- The operator answers the 0- call.
- Initially, the Operator will suggest that the end user dial the customer on a
  direct basis. If the end user insists that the Operator transfer the call, the
  Operator will ask the end user to identify the desired customer and will
  then transfer the call as directed.
- If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of available customers.

The list of available Operator Transfer Service customers will be updated monthly. The order in which customers will be read to end users will be initially determined by the sequence in which customers have ordered the Operator Transfer Service. For each subsequent month, following the initial order for Operator Transfer Service, the customer in the first position on the list will be moved to the last position on the list. All other customers on the list will be moved up one position, e.g. to, to first, etc. New Operator Transfer Service customers will initially be placed at the bottom of the list of customers.

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## 4. <u>Switched Access Service</u> (Cont'd)

#### 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)

#### 4.10.3 Chargeable Optional Features (Cont'd)

## (B) Operator Transfer Service (Cont'd)

0 minus pay telephone coin calls will be transferred to the end user designated customer. In order to accept coin sent- paid calls, the customer must order signaling.

The customer may receive inband, multi-wink, or expanded inband coin control signaling, where available, from end offices served by an Operator Services Access Point. Different signaling types cannot be mixed on a signal trunk group.

All non-recurring and usage sensitive rates and charges normally applicable to Feature Groups C or D apply to Operator Transfer Service. Additionally, a charge as specified in 4.1.3 (C)(2) preceding and within this Section, is assessed the customer per 0 minus call transferred.

# (C) Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC)

Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC), which is available with Feature Group C and D, where technically feasible as designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION, provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Signaling Transfer Point (STP). This service provides customers with the use of a two-way signaling path for accessing information necessary for the completion of their end user's calls.

CCS/SS7 Network Connection Service is comprised of two parts; a Signaling Network Access Link (SNAL, consisting of Signaling Mileage Facility, Signaling Mileage Termination and Signaling Entrance Facility) and a Signaling Transfer Point (STP) Port. The SNAL is provided as a dedicated 56 Kbps out-of-band signaling connection between the customer's SPOI and the STP Port on the STP.

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.3 Chargeable Optional Features (Cont'd)
      - (C) Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) (Cont'd)

The CCS/SS7 Network Connection Service is provisioned by a mated pair of STPs as described in Technical Reference TR-TSV 000905 in order to ensure network availability and reliability. The Telephone Company shall not be held liable for service outages if the customer employs technology related to the interconnection of

signaling networks that do not adhere to generally accepted industry technical standards.

When CCS/SS7 Network Connection service is provisioned for use with SS7 Signaling, interconnection between signaling networks must occur at an STP.

Rates and charges for the CCS/SS7 Network Connection STP Ports and Signaling Network Access Links are contained within this Section.

## (D) 800 Data Base Access Service

800 Data Base Access Service is provided with FGC or FGD Switched Access Service. When a 1+800series+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an 800 data-base to perform the identification function. The call will then be routed to the identified customer over FGC or FGD switched access. The 800 series includes the following service area codes: 800, 888, 877, 866, 855, 844, 833 and 822.

- 4. Switched Access Service (Cont'd)
  - 4.10 Chargeable and Nonchargeable Optional Features (Cont'd)
    - 4.10.3 <u>Chargeable Optional Features</u> (Cont'd)
      - (D) 800 Data Base Access Service (Cont'd)

The manner in which 800 data base access service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

- When 800 data base access service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases or at a non-SSP equipped end office that can accommodate direct trunking of originating 800 series calls, all such service will be provisioned from that end office.
- When 800 data base access service originates at an end office not equipped with SSP customer identification capability, the 800 series call will be delivered to the access tandem on which the end office is homed for 800 series service and which is equipped with the SSP feature to query centralized data bases.
- When 800 data base access service originates at an end office equipped with SSP capability that is not capable of accommodating direct trunking of originating 800 series (other than the 800 service access codes) calls, the 800 series (other than the 800 service access codes) call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized data bases.

Query charges as set forth within this Section are in addition to those charges applicable for the Feature Group C or Feature Group D switched access service.

The Federal Communications Commission ("FCC") has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of a toll free number by a private entity for a fee, is contrary to the public interest in the conservation of the scarce toll free number resource and contrary to the FCC's responsibility to promote the orderly use and allocation of toll free numbers.

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## 4. <u>Switched Access Service</u> (Cont'd)

## 4.11 Switched Access Cross Connect

The Switched Access Cross Connect charge provides the communications path between Telephone Company provided Switched Access Services and a customer's transmission equipment and facilities where the customer is provided EIS. The DS0 Cross Connect arrangement may connect directly to a Telephone Company provided Switched Access Voiceband Direct Trunked Transport, The DS1 Cross Connect arrangement may connect directly to Telephone Company provided Switched Access Services at a DS1 interface, to DS1 Direct Trunked Transport, or to a Telephone Company provided DS1 multiplexing arrangement. The DS3 Cross Connect arrangement May connect directly to DS3 Direct Trunked Transport or a Telephone Company provided DS3 to DS1 multiplexing arrangement. When a DS3 Direct Trunked Transport or Cross Connect arrangement is requested for connection to Switched Access Services, a DS3/DS1 multiplexing arrangement is required. The Cross Connect charge applies per DS1 or DS3 connection. Rates for DS1 and DS3 Cross Connect arrangements are listed within this Section.

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# 4. <u>Switched Access Service</u> (Cont'd)

# 4.12 Rates and Charges

Regulations concerning Switched Access Services is set forth in this Section preceding.

# Nonrecurring Charges

(A)	New Order Charge Per order, per study area Windstream NM #1164 Windstream NM #1193	\$100.00 \$104.00
(B)	Local Transport – Installation Per Entrance Facility	
	Voice Grade Two-Wire	\$200.00
	Voice Grade Four-Wire	\$200.00
	High Capacity DS1	\$450.00
	High Capacity DS3 - Electrical Interface	\$1,000.00
	High Capacity DS3 - Optical Interface	\$1,000.00

## 4. <u>Switched Access Service</u> (Cont'd)

## 4.12 Rates and Charges

	Nonrecu	urring	Charg	es
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(C) CCS7 Access Service - Installation

Per 56 Kbps Digital Facilities \$100.00

Per DS1 Digital Facilities \$1,500.00

(D) Service Installation-Multiplexing

DS1 to Voice \$800.00

DS3 to DS1 \$450.00

(E) Interim NXX Translation Per Order

Per LATA or Market Area \$22.00

(F) FGC and FGD Conversion of Multifrequency AddressSignaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling

Per 24 Trunks Converted or Fraction
Thereof on a Per Order Basis ICB

(G) Trunk Activation

Per 24 Trunks Converted or Fraction
Thereof on a Per Order Basis ICB

(E) <u>Miscellaneous Order Charge</u>

Per order per study area \$50.00

(F) FGD Maximum Per Trunk

Cancellation Charge \$550.46

(G) CCS7 Access Service - Termination

Port Termination Charge \$65.00

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- 4. <u>Switched Access Service</u> (Cont'd)
  - 4.12 Rates and Charges (Cont'd)

Regulations concerning Switched Access Services is set forth in this Section preceding.

Nonrecurring Charges

(H) FGA Optional Toll Blocking
Per FGA Line

\$7.38

(I) <u>FGD Maximum Per Trunk</u> Cancellation Charge

\$550.46

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

Nonrecurring Charge per End Office

\$300.00

(K) FGA Usage Sensitive Credit Allowance

Credit Per Originating FGA Access Minute #

\$0.0013791

# 4. <u>Switched Access Service</u> (Cont'd)

# 4.12 Rates and Charges (Cont'd)

# 4.12.1 <u>Local Transport-Dedicated Facilities</u>

# (A) Entrance Facility - Monthly Recurring

_	Voice Grade Two-Wire	Monthly Rate
	Each	\$32.00
-	Voice Grade Four-Wire	
	Each	\$56.00
-	High Cap DS1	
	Windstream NM #1164 Windstream NM #1193	\$235.00 \$205.00
-	High Capacity DS3	
	Electrical Interface	\$1,500.00
	High Capacity DS3	
-	Optical Interface	\$1,125.00

# 4. <u>Switched Access Service</u> (Cont'd)

# 4.12 Rates and Charges (Cont'd)

# 4.12.1 <u>Local Transport-Dedicated Facilities</u> (Cont'd)

## (B) <u>Direct Trunked Transport Facility – Monthly Recurring Rate</u> Per Airline Mile

	Monthly Rate
- <u>Voice Grade</u>	
Windstream NM #1164 Windstream NM #1193	\$5.25 \$1.37
- High Capacity DS1	
Windstream NM #1164 Windstream NM #1193	\$6.80 \$7.25
- High Capacity DS3	
Windstream NM #1164 Windstream NM #1193	\$42.50 \$43.23

## (C) <u>Direct Trunked Transport Termination – Monthly Recurring Rate</u> Per Termination

- <u>Voice Grade</u>	Monthly Rate
Windstream NM #1164	\$38.15
Windstream NM #1193	\$35.07
- High Capacity DS1	
Windstream NM #1164	\$25.51
Windstream NM #1193	\$23.76
- High Capacity DS3	
Windstream NM #1164	\$409.80
Windstream NM #1193	\$486.48

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Monthly Rate

## FACILITIES FOR INTRASTATE ACCESS

## 4.12 Rates and Charges (Cont'd)

## 4.12.1 <u>Local Transport-Dedicated Facilities</u> (Cont'd)

## (D) Multiplexing - Monthly Recurring Rate

- DS1 to Voice Grade Monthly Rate

Windstream NM #1164 \$316.00 Windstream NM #1193 \$190.00

DS3 to DS1

Windstream NM #1164 \$450.00 Windstream NM #1193 \$358.38

#### 4.12.2 Local Transport – Common Facilities

## (A) Tandem Switched Transport - Premium

- Tandem Switched Facility					
Per Access Minute Per Airline Mile					
	Origin	ating	Terminating		
	8YY	Non-8YY	3 <sup>rd</sup> Party	<b>End Office</b>	<b>(C)</b>
Windstream NM #1164	*	\$0.0001120	\$0.0001120	\$0.000000	
Windstream NM #1193	*	\$0.0001288	\$0.0001288	\$0.000000	
					ļ
<ul> <li>Tandem Switched T</li> </ul>					
Per Access Minute	Per Termina				!
Windstream NM #1164	*	\$0.0000990	\$0.0000990	\$0.000000	
Windstream NM #1193	*	\$0.0005030	\$0.0005030	\$0.000000	ļ
T 1 0 % 1 .					-
- <u>Tandem Switching</u>	D T .				
Per Access Minute		• •	Фо ооо тооо	Фо ососоо	
Windstream NM #1164	\$0.0010 (I)	\$0.0004000	\$0.0004000	\$0.000000	-
Windstream NM #1193	\$0.0010 (I)	\$0.0001000	\$0.0001000	\$0.000000	
Charad Multiplaying					l i
- Shared Multiplexing	-				
Per Access Minute	*	<b>#0.0000077</b>	<b>¢</b> 0 0000077	<b>#</b> 0.000000	-
Windstream NM #1164	*	\$0.0000277	\$0.0000277	\$0.000000	( <b>C</b> )
Windstream NM #1193	**	\$0.0000200	\$0.0000200	\$0.000000	(C)

\*Rate included in Tandem Switching

ISSUED: June 14, 2021

(B)

EFFECTIVE: July 1, 2021

**(D)** 

(N)

Monthly Rate

\$0.000000

Senior Regulatory Counsel 4001 Rodney Parham Road Little Rock, AR 72212

Per Access Minute

Per Access Minute

<u>Tandem Switched Transport – Non-Premium</u> - Transport Interconnection Charge

# 4. <u>Switched Access Service</u> (Cont'd)

# 4.12 Rates and Charges (Cont'd)

# 4.12.3 <u>Local Transport-Other</u>

# (A) <u>CCS7</u>

DC4 (4 544 Mbps)	Monthly Rate
- <u>DS1 (1.544 Mbps)</u>	
Channel Termination	\$297.71
- DS1 (1.544 Mbps)	
	\$20.12
Channel Mileage Facility Per Mile	<b>Φ20.12</b>
- <u>56Kbps</u>	
Channel Termination	\$79.02
- <u>56 Kbps</u>	
Channel Milage Facility Per Airline	
Mile	\$4.91
- <u>SS7 Transport</u>	
Primary STP to Primary STP	\$600.00
	********
- <u>SS7 Transport</u>	
Primary STP to Local STP	\$400.00
- CCS7 Access Service	
Port Termination	\$537.00

Sixth Revised Page 131 Cancels Fifth Revised Page 131

(**C**)

**(C)** 

# FACILITIES FOR INTRASTATE ACCESS

#### 4. Switched Access Service (Cont'd)

4.12	Rates and C					
	4.12.4		ffice - Regulations concernin	g End Office Switc	hing is set withir	n this Section.
		(A)	Local Switching Per Access Minute			
			- Premium - LS1 and LS2	<u>Originati</u> 2 <u>8YY</u>	<u>ng</u> Non-8YY	Terminating
			Windstream NM #1164 7/1/2022 – 6/30/2023	\$0.000901 \$0.0004505 <b>(R)</b>	\$0.000901	\$0.00000
			On and after 7/1/2023 Windstream NM #1193 7/1/2022 – 6/30/2023 On and after 7/1/2023	\$0.0000000 (R) \$0.003441 \$0.0017205 (R) \$0.0000000 (R)	\$0.003441	\$0.000000
			- <u>Non-Premium</u>			
			Windstream NM #1164 Windstream NM #1193		\$0.0000 \$0.0000	\$0.0000 \$0.0000
		(B	) Information Surcharge - Premium and Non-President	<u>emium</u>		
			Per Access Minute		\$0.0000	\$0.0000
		(C)	Operator Services		<u>Mont</u>	hly Rate
			<ul> <li>Operator Transfer         Per Call Transferred     </li> </ul>			
			Windstream NM #1164 Windstream NM #1193			0.3500 0.3400
		(D)	Local Switching Trunk Port  - Shared Trunk Port Per Minute of Use		Originating	Terminating
			Windstream NM #1164 7/1/2022 – 6/30/2023 On and after 7/1/2023	8YY \$0.0005940 \$0.000297 <b>(R)</b> \$0.000000 <b>(R)</b>	<u>Non-8YY</u> \$0.0005940	\$0.00000
			Windstream NM #1193 7/1/2022 – 6/30/2023 On and after 7/1/2023	\$0.000000 (R) \$0.0007490 \$0.0003745 (R) \$0.0000000 (R)	\$0.0007490	\$0.000000
			- <u>Dedicated Trunk Port</u> Per Channel	<u>– DS1</u>	Monthl	v Pato
					<u>Monthl</u>	·
			Windstream NM #1164 Windstream NM #1193			\$3.08 \$2.50

\$7.78 Windstream NM #1164 Windstream NM #1193 \$7.48

EFFECTIVE: July 1, 2021 ISSUED: June 14, 2021

Per Channel

<u>Dedicated Trunk Port - Voice Grade</u>

\$0.10

# FACILITIES FOR INTRASTATE ACCESS

<ol><li>Switched Access Service</li></ol>	(Cont'd)
---	----------

# 4.12 Rates and Charges (Cont'd)

# 4.12.4 End Office (Cont'd)

End C	mice (Conta)	
(D)	Local Switching Trunk Ports (Cont'd)	Monthly Rate
	<ul> <li>Dedicated Trunk Port         <u>Access Tandem Voice Grade</u> </li> <li>Per Channel</li> </ul>	MOTITITY TRACE
	Windstream NM #1164 Windstream NM #1193	\$11.35 \$15.10
	<ul> <li>Dedicated Trunk Port         Access Tandem DS1         Per Channel     </li> </ul>	
	Windstream NM #1164 Windstream NM #1193	\$4.75 \$6.25
(E)	Network Blocking Charge Per Call	Monthly Rate
	Windstream NM #1164	\$0.18

## (F) 1% Blocking Threshold

Windstream NM #1193

# Trunks in Service

<u>1-2</u>	<u>3-4</u>	<u>5-6</u>	7 or more
0.070	0.050	0.040	0.030

# (G) 1/2% Blocking Threshold

# Trunks in Service

<u>1-2</u>	<u>3-4</u>	<u>5-6</u>	7 or more
0.045	0.035	0.025	0.020

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

Rate

# FACILITIES FOR INTRASTATE ACCESS

- 4. Switched Access Service (Cont'd)
  - 4.12 Rates and Charges (Cont'd)
    - 4.12.4 End Office (Cont'd)
      - (H) 8XX Data Base Access Service Query

- Basic Feature and Premium - Per Attempt **(C)** Windstream NM #1164 and #1193 Effective 7/1/2021 - 6/30/2022 \$0.004248 (R) Effective 7/1/2022 - 6/30/2023 \$0.002224 (R) Effective 7/1/2023 \$0.00020 (R)

**(D)** 

**(D) (D)** 

**(C)** 

**(I)** LIDB Query Service

> Transport Charge Per Query \$0.0046

(J) LIDB Query Charge

> Per Query \$0.0350

ISSUED: June 14, 2021 EFFECTIVE: July 1, 2021

4.	Switched Access	Service	(Cont'd)

## 4.12 Rates and Charges (Cont'd)

## 4.12.5 <u>Assumed Minutes of Use</u>

Regulations concerning Assumed Minutes of Use are set forth in this Section preceding.

# (A) Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)

Assumed Minutes Per Month, Per Line or Trunk 3711

## (B) Feature Group A, Originating Only

Assumed Minutes Per Month, Per Line or Trunk 2007

## (C) Feature Group A, Terminating Only

Assumed Minutes Per Month, Per Line or Trunk 1744

# (D) Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)

Assumed Minutes Per Month, Per Line or Trunk 5042

## (E) Feature Group B, Originating Only

Assumed Minutes Per Month, Per Line or Trunk 5042

## (F) Feature Group B, Terminating Only

Assumed Minutes Per Month, Per Line or Trunk 5042

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

# 4. <u>Switched Access Service</u> (Cont'd)

## 4.12 Rates and Charges (Cont'd)

# 4.12.6 Switched Access Cross Connect

Regulations concerning Assumed Minutes of Use are set forth in this Section preceding.

(A)	DSO

Per DSO ICB

(B) <u>DS1</u>

Per DS1 ICB

(C) DS3

Per DS3 ICB

# (D) Nonrecurring Charge

Rate

Per CIC, Per End Office Direct Trunk Group

\$80.00

## (E) Nonrecurring Charge

Per CIC, Per Access Tandem Direct Trunk Group

\$1,120.00

# (F) Monthly Recurring Charge

Per Trunk \$0.46

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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 five 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)
Supplemental Features (described in 5.4 following)
Multiplexing Arrangements (described in 5.5 following)

(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 Switched Access Service for the purpose of Originating Only, Terminating Only or Combined Originating and Terminating Access as set forth in 4.2.1. 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)

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 midlinks, 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.

## 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 jurisdiction 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 <u>Description of Special Access</u> (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). EIS is not available with DS3 services provided with an optical interface.
      - (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 Description of Terminating Options (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) Two-Wire Station Connecting Facility Termination for the Open End of an Off Premises PBX Extension

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) <u>Dial Repeating Tie Trunk Termination</u>

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 twowire network facilities.

- 5.3.4 (Reserved for Future Use)
- 5.3.5 (Reserved for Future Use)

#### 5. SPECIAL ACCESS (Cont'd)

#### 5.3 Description of Terminating Options (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 twoway 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 twoway 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 twoway 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 Digital Data Service (DDS)

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 Description of Supplemental Features (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.

- 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 cancel 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 Automatic Protection Switch (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)

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#### 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.

**FACILITIES FOR INTRASTATE ACCESS** 

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) DS3 to DS1 (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) <u>Digital Data Carrier Multiplexer</u> (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) <u>Digital Data Subrate Multiplexer</u> (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.

**FACILITIES FOR INTRASTATE ACCESS** 

#### 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) (Reserved for Future Use)

#### (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> <u>Multiplexing Arrangements</u>

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.

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#### 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:

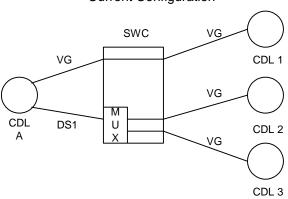
**FACILITIES FOR INTRASTATE ACCESS** 

- 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.

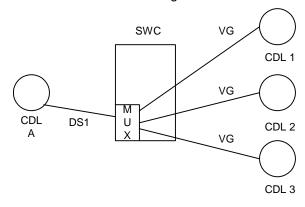
- 5. SPECIAL ACCESS (Cont'd)
  - 5.6 Rate Regulations (Cont'd)
    - 5.6.1 Types of Rates and Charges (Cont'd)
      - (D) Nonrecurring Charges (Cont'd)
        - (6) Service Rearrangements (Cont'd)

## Rollover - Example 1 Current Configuration



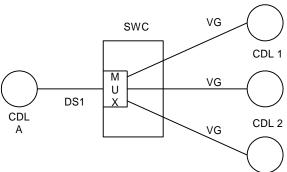
The customer requests that the voiceband circuit (VG) between CDL A and CDL 1 be "rolled over" to the DS1 serving CDL A. No NRCs apply for this request.

Rollover - Example 1 New Configuration



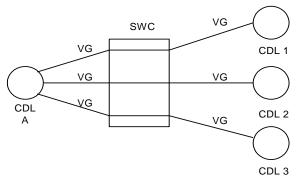
- 5. SPECIAL ACCESS (Cont'd)
  - 5.6 Rate Regulations (Cont'd)
    - 5.6.1 Types of Rates and Charges (Cont'd)
      - (D) Nonrecurring Charges (Cont'd)
        - (6) Service Rearrangements (Cont'd)

Rollover - Example 2 New Configuration



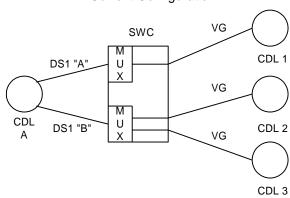
The customer requests the installation of a DS1 between the serving wire center (SWC) and CDL A and a DS1/voice multiplexer in the SWC. The customer also requests that the voiceband circuits serving CDLs 1, 2,and 3 be "rolled over" to the new DS1. All NRCs apply for the installation of the DS1 and multiplexer. No NRCs apply for the voiceband roll overs to the new high capacity circuit.

Rollover - Example 2
Current Configuration



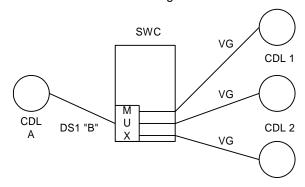
- 5. SPECIAL ACCESS (Cont'd)
  - 5.6 Rate Regulations (Cont'd)
    - 5.6.1 Types of Rates and Charges (Cont'd)
      - (D) Nonrecurring Charges (Cont'd)
        - (6) Service Rearrangements (Cont'd)

# Grooming - Example 1 Current Configuration



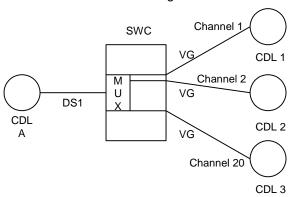
The customer requests that the voiceband (VG) circuit serving CDL 1 be moved from the DS1 "A" circuit to the DS1 "B" circuit. No NRCs apply for this request.

Grooming - Example 1
New Configuration



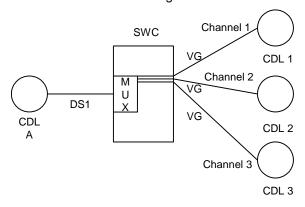
- 5. SPECIAL ACCESS (Cont'd)
  - 5.6 Rate Regulations (Cont'd)
    - 5.6.1 Types of Rates and Charges (Cont'd)
      - (D) Nonrecurring Charges (Cont'd)
        - (6) Service Rearrangements (Cont'd)

### 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.

  ISSUED: September 22, 2006

  EFFECTIVE: October 2, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

#### 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 <u>Moves</u>

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 Hub Wire Centers

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 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) <u>Discontinuance Without Liability - DS3 Minimum Service Period</u>

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.

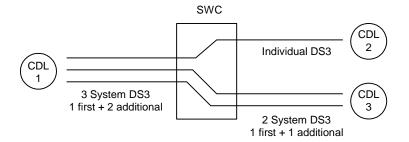
### 5. SPECIAL ACCESS (Cont'd)

### 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.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

### 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) Termination Liability

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

- 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 Per ASR/Per Occurrence (H28)

\$27.00

# 5.7.2 Voiceband Facilities

# (A) Standard Arrangements

	Special Transport	S	pecial Access Line	
	(Per Airline Mile)	Nonrecurring	Two-Wire	Four-Wire
	Monthly Rate	<u>Charge</u>	Monthly Rate	Monthly Rate
(USOC)	(1LFSX)	(NEUC2X)(1)	(EUC2X)	(EUC4X)
	(1LF2X)(1)		(1XC2X)	(1XC4X)
			(X2W)	(X4W)
			(EUC2X-L)(1)	(EUC4X-L)(1)
	\$4.50	\$200.00	\$30.40	\$48.64

# 5. SPECIAL ACCESS (Cont'd)

# 5.7 Rates and Charges (Cont'd)

# 5.7.2 <u>Voiceband Facilities</u>

# (B) Optional Arrangements

# Supplemental Features

	Nonrecurring Charge (1)	<u>USOC</u>	Monthly Rate
Multipoint Data Bridging (per port)		B5NDJ	\$ 8.00
Voice Conference Bridging (per por	rt)	B5NDJ-L(2) B5NVJ B5NVJ-L(2)	8.00
Alarm Distribution Bridging Common Equipment		BCNTA	30.00
Per Two-Wire Port		BCNTA-L(2) CNLRX	2.00
Conditioning Arrangement - Data		CNLRX-L(2)	
Type C		X1CPT X1CPT-L(2)	1.50
Type DA		XDCPT XDCPT-L(2)	2.00
Type C - Improved		UHY/UHW/X UHY-L/UHW XCECM-L(2)	
Signaling Arrangement Loop Signaling Range Extension,	per SAL	OSA OSA-L(2)	10.00
Loop or E&M to SF, per SAL		OSA-L(2) 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)	4.00
Automatic Ringdown, per SAL		XSSLR (2)	10.00
Echo Control Echo Suppression, per circuit		OE1 OE1-L(2)	30.00
Echo Canceler, per circuit		ORJ ORJ-L(2)	85.00
Voiceband Facility Switching Arrangement	gement	UST UST-L(2)	7.00
Improved Return Loss, per SAL		1RL 1RL-L(2)	3.75
Improved Termination Option, per S	SAL	X4T X4T-L(2)	10.00
Improved Equal Level Echo Path Loper SAL	oss,	ORP ORP-L(2)	3.75

<sup>(1)</sup> See 5.6.1(D)(2)

<sup>(2)</sup> GSEC to be used for end user billing.

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# 5. SPECIAL ACCESS (Cont'd)

# 5.7 Rates and Charges (Cont'd)

# 5.7.3 Program Audio Facilities

	Special Tra (Per Airline		Nonrecurring	Special Acces	ss Line
	Monthly Rate (1LFSX)	Daily Rate (1LFSX)	<u>Charge</u>	Monthly Rate (EUCXX) (LCH)	Daily Rate (EUCXX) (LCH)
Standard Arrang	gements			(==:-)	(==)
(A) 200-3500 H	z \$4.50	\$0.45	\$200.00	\$30.40	\$3.04
(B) 100-5000 H	z 9.00	0.90	200.00	41.00	4.10
(C) 50-8000 Hz	14.45	1.45	200.00	42.00	4.20
(D) 50-15000 H	z 21.66	2.17	200.00	43.00	4.30

# (E) Optional Arrangements - (50-15000 Hz Facilities only)

		Nonrecurring Charge (1)	Monthly Rate	Daily Rate
	Supplemental Features: Conditioning Program Audio Stereo Conditioning, per occu	rrence	\$1.00 (XCS)	\$0.10 (XCS)
(F)	Optional Arrangements - (All Ba	andwidths)	( /	( /
	Supplemental Features:			
	Program Audio Bridging, per p	ort	\$1.00 (BCNPT)	\$0.10 (BCNPT)
	Conditioning Program Audio - Zero Loss, per SAL		\$12.00 (XZB)	\$1.20 (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		Special Access Line	
	All Speeds (Per Airline Mile) <u>Monthly Rate</u> (1LFSX)	All Speeds Nonrecurring <u>Charge</u> (NRBDD)	2.4, 4.8, 9.6, 19.2 Kbps <u>Monthly Rate</u> (EUCXX) (LCH)	56, 64 Kbps Monthly Rate (EUCXX) (LCH)
	\$4.50	\$250.00	\$68.00	\$85.00
	(B) Optional Arrangements			
	Supplemental Features		USOC	Monthly Rate
5.7.0	DDS Bridging (Per Port) Secondary Channel		BCNDA SCA24 SCA48 SCA96 SCA56	\$11.00 7.00
5.7.6	Multiplexing Arrangements			
			Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
	DS1 to Voice		\$800.00	\$190.00 (MQ1) (MQJ++)
	DS3 to DS1		450.00	490.00 (MQ3) (NMQ3)(1)
	Digital Data Carrier Multiplexer 1,500.00		550.00	(QMU)
	Digital Data Subrate  Multiplexer  One DSO Port to Twenty  2.4 kbps		800.00	160.00 (QSU24)
	One DSO Port to Ten 4.8 kbps		800.00	120.00 (QSU48)
	One DSO Port to Five 9.6 kbps		800.00	100.00 (QSU96)

(1) GSEC to be used for end user billing. ISSUED: September 22, 2006

EFFECTIVE: October 2, 2006

# 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 Ac	ccess Line	
First Syster	<u>n</u>	Each Additional Syste	<u>:m</u>
Nonrecurring	Monthly	Nonrecurring	Monthly
<u>Charge</u>	<u>Rate</u> (EUW) (1XCDX)	<u>Charge</u>	Rate (EU8) (1XCAX)
(EU4EX) (1CKEX)			
\$900.00	\$254.00	\$350.00	\$130.00
O		On a sint Turner and (Dan Ainline Mile)	

Special Transport Termination	Special Transport (Per Airline Mile)
Monthly Rate	Monthly Rate
(TRG)	(1LFSX)
\$30.00	\$15.00

# (B) Optional Arrangements

Supplemental Features		
Automatic Prote	ection Switching	
Nonrecurring	Monthly	
<u>Charge</u>	Rate	
-	(APP)	
\$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	Monthly Rate	Monthly Rate
(EU4CX)	(EU4AX)	(EU4BX)
(1CKCX)	(1CKAX)	(1CKBX)
\$250.00	\$210.00	\$175.00

- 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

# Each Additional Special First Special Access Line Access Line - Maximum of 2

Nonrecurring <u>Charge</u> (NEU4PFE-3)(1)	One Year <u>Monthly Rate</u> (EU4PF) (1CKPF) (EU4PFE-3)(1)	Nonrecurring <u>Charge</u> (NEU4SXE-3)(1)	One Year Monthly Rate (EU4SX) (1CKSX) (EU4SXE-1)(1)
\$2,500.00	\$3,800.00	\$400.00	\$500.00
	Three Year <u>Monthly Rate</u> (EU4PF) (1CKPF) (EU4PFE3-3)(1)		Three Year Monthly Rate (EU4SX) (1CKSX) (EU4SXE-3)(1)
	\$2,700.00		\$400.00
	Five Year <u>Monthly Rate</u> (EU4PF) (1CKPF) (EU4PFE5-3)(1)		Five Year <u>Monthly Rate</u> (EU4SX) (1CKSX) (EU4SXE-5)(1)
	\$2,400.00		\$300.00
	Seven Year <u>Monthly Rate</u> (EU4PF) (1CKPF) (EU4PFE7-3)(1)		Seven Year Monthly Rate (EU4SX) (1CKSX) (EU4SXE-7)(1)
	\$2,250.00		\$200.00

5.7.11 (Reserved for Future Use)

(1) GSEC to be used for end user billing.

# 5. SPECIAL ACCESS (Cont'd)

# 5.7 Rates and Charges (Cont'd)

# 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Individual System

# (A) Protected DS3 Individual - Electrical Interface

### Each Special Access Line

Nonrecurring <u>Charge</u> (NEU4PFE)(1)	One Year <u>Monthly Rate</u> (EU4PF) (1CKPF) (EU4PFE1)(1)	Three Year Monthly Rate (EU4PF) (1CKSX) (EU4PFE3)(1)
\$900.00	\$900.00	\$700.00
	Five Year  Monthly Rate (EU4PF) (1CKPF) (EU4PFE5)(1)	Seven Year Monthly Rate (EU4PF) (1CKPF) (EU4PFE7)(1)
	\$650.00	\$610.00

# 5.7.13 (Reserved for Future Use)

# 5.7.14 <u>High Capacity Digital DS3 (44.736 Mbps) Facilities - Special Transport</u>

	<u>USOC</u>	Monthly Rate
(A) <u>DS3 Special Transport Terminations</u> 3 System, Individual Transport Per Termination	TRG TRGDS3(1)	\$300.00
(B) <u>DS3 Special Transport Facilities</u> 3 System, Individual Transport Per DS3, Per Airline Mile	1LFSX 1LFDS3(1)	60.00
5.7.15 DS3 Multiplexer Cross Connect Arrangement, per Arrangement	CX911 CX911DS3(1)	65.00
5.7.16 (Reserved for Future Use)	G, 10 1 1 2 3 5 (1)	
<ul><li>5.7.17 (Reserved for Future Use)</li><li>5.7.18 (Reserved for Future Use)</li></ul>		
5.7.19 (Reserved for Future Use)		

(1) GSEC to be used for end user billing.

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

### 5. SPECIAL ACCESS (Cont'd)

- 5.8 Miscellaneous Special Access Services (Cont'd)
  - 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) Rates	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)
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- 5.9 Individual Case Basis Rates and Charges
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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) Presubscription
- (F) End User Lists
- (G) Billing Name and Address Services (BNAS)

These services are described in detail as set forth in 6.2 through 6.9 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)	
\$23.59	\$15.72	

### 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)	
\$29.28	\$19.52	
Ψ29.20	ψ19.32	

# **Labor Periods**

Premium Time, Outside the I	Business Day, Per Technician*
First Half Hour	Each Additional Half Hour
or Fraction Thereof	or Fraction Thereof
(UBCPT)	(UBCPT)
(USMPT)	(USMPT)
(USSPT)	(USSPT)
(SNTPT)	(SNTPT)
(SNOPT)	(SNOPT)
(ALH)	(ALH)
(ALT)	(ALT)
(ALK)	(ALK)
\$34.97)	\$23.31

<sup>\*</sup> 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.

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# 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). These facilities will maintain their RP designation and priority treatment until either converted by the customer to the TSP System, or until March 10, 1993, whichever occurs first.

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

- (1) 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).

- 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 <u>Per Circuit</u> (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, end user agent or local service provider (herein called reseller) 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.

### 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, end user agents or resellers 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. IC and LEC lists may continue to be received after the initial ballot deadline. All lists must be submitted to the Telephone Company no later than 20 days prior to the end office conversion to be included in the allocation process. If ballots are received by the IC or LEC, the end user, end user agent or reseller will be included in the IC or LEC Customer list. The IC or LEC must retain the actual ballots for inspection by the Telephone Company for a period of one year after end office conversion.

### 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, end user agent or reseller. 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, end user agent or reseller indicates more than one PIC or IPIC per line or returns an illegible ballot, the Telephone Company will contact the end user, end user agent or reseller for clarification.

When the Telephone Company identifies a conflict between a ballot and an IC or LEC list, or 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.

When an end user, end user agent or reseller returns a ballot to the Telephone Company and also appears on a conflicting IC or LEC Customer list, the ballot takes precedence. If an end user, end user agent or reseller appears on two or more IC or LEC Customer lists, the end user, end user agent or reseller will be allocated along with the nonrespondents to the initial ballot. A letter sent with the second ballot will inform the end user, end user agent or reseller that there exists a conflict between two or more ICs and/or LECs and a selection must be made by the deadline of the second ballot, unless the allocated IC or LEC indicated is the end user's, end user agent's or reseller's choice.

### 6. MISCELLANEOUS SERVICES (Cont'd)

### 6.5 Presubscription (Cont'd)

### 6.5.3 PIC and IPIC Charge Application

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 IC 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 on the previous IC network where possible and the IC 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 disputes without investigation, the IC 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 IC and one is for placing the end user on his previous IC network or the IC network of his choice. By virtue of the IC'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 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.
- (B) If the IC or LEC does request in writing that end user PIC or IPIC disputes be resolved with investigation as in (1) preceding, the IC will be billed one Unauthorized PIC or IPIC charge, in 6.5.8, for the change to the disputed IC and one PIC or IPIC change charge, in 6.5.8, for placing the end user on the IC network of his choice.

If, under (B), the IC produces the letter of agency or confirmation of choice within 30 days of the Telephone Company request, the end user, end user agent, reseller will be billed two PIC or IPIC charges in 6.5.8 in lieu of charges to the IC. Charges are only applicable if a change in an end user's, end user agent's, or reseller's IC selection has actually been implemented in the switch.

### 6. MISCELLANEOUS SERVICES (Cont'd)

### 6.5 Presubscription (Cont'd)

### 6.5.4 Multi-party End Users

Multi-party end users will continue with the same IC service arrangement which existed prior to the end office conversion. However, multi-party end users may access the IC of their choice by dialing the appropriate 101XXXX IC identification code. In certain suitably equipped end offices, two-party customers may subscribe to the IC of their choice.

### 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 IC 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 IC 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 IC 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 IC has currently designated to it. Such charge will not apply to the canceling IC where the canceling IC or LEC transfers or assigns its FGD services and the associated 101XXXX code to another IC in such manner that the Telephone Company does not change end user, end user agent or reseller records or if another IC elects to pay nonrecurring charge on behalf of the canceling IC or LEC.

### 6.5.6 <u>Liability of the Telephone Company</u>

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. MISCELLANEOUS SERVICES (Cont'd)

### 6.5 Presubscription (Cont'd)

### 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 IC 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 IC, 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 IC requesting ICDDD. This charge will be billed to the IC's end user customer.

# 6.5.8 Rates and Charges

(A) Nonrecurring Charge for Primary IntraLATA Carrier (IPIC)

The nonrecurring charge for (IPIC) is as follows:

Nonrecurring Charge

Per Telephone Company Local Service Line or Trunk

\* \$ 4.48 NAAPS (IPIC)

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

\$ 16.02 NAAPSUBR (IPIC)

The nonrecurring charge for Unauthorized Primary InterLATA carrier (PIC) change is as set forth in the GTOC Tariff FCC No. 1, Section 6.5 and in Section 8.5 of the GSTC Tariff FCC No. 1.

\*The full nonrecurring IPIC charge is applicable when an intraLATA IPIC change is ordered separately from an interLATA PIC change and/or when a customer presubscribes to different ICs, at the same time, for interLATA and intraLATA MTS/MTS-type service. If a customer changes both PIC and IPIC at the same time, to the same IC, CLC, or LEC, the Utility will only bill the customer the full nonrecurring PIC change charge.

### 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 4.2.4(B)(10), (C)(11), (D)(13), (E)(13) and (F)(7) 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) <u>Additional Cooperative Acceptance Testing</u> (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 and SAC Access Service, is provided, as specified in 4.2.4(C)(11), (D)(13), (E)(13) and (F)(7), 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 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 and SAC Access Service that are not specified in 4.2.4(B)(10), (C)(11), (D)(13), (E)(13) or (F)(7) 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 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 or SAC Access Service that are not specified in 4.2.4 (B)(10), (C)(11), (D)(13), (E)(13) or (F)(7) 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 4.2.4 (B)(10), (C)(11), (D)(13), (E)(13) or (F)(7). 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.

### 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)

\$.45

(2) Additional Cooperative Scheduled Testing

Basic Offering to First Point of Switching
Per Transmission Path, Per Month
Rate
(UBSXT)

\$1.51

Gain-Slope-To First Point of Switching
Per Transmission Path, Per Month
Rate
(UBSXD)

\$.64

- 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)

\$3.02

Gain-Slope-To First Point of Switching
Per Transmission Path, Per Month
Rate
(UBMXD)

\$1.29

6.7 (Reserved for Future Use)

# 6. MISCELLANEOUS SERVICES (Cont'd)

### 6.8 End User Lists

#### 6.8.1 Presubscription List

### (A) 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(A). 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(A). 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.
  - (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.

### 6. MISCELLANEOUS SERVICES (Cont'd)

### 6.8 End User Lists (Cont'd)

# 6.8.1 Presubscription List (Cont'd)

### (A) IntraLATA Equal Access (Cont'd)

- (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.

### 6.8.2 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, in accordance with 6.5.2, will be available to an IC or LEC upon request. Charges in 6.8.4(A) 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(B). 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 Valor/Windstream Tariff FCC No. 1.

# 6. MISCELLANEOUS SERVICES (Cont'd)

#### 6.9 Billing Name and Address Services (BNAS)

The Telephone Company will, upon request, provide Billing Name and Address Services (BNAS) to a Telecommunications Service Provider (customer), or its authorized billing and collection agent. Telecommunications Service Providers include interexchange carriers, operator service providers, enhanced service providers, and any other provider of intrastate telecommunications services.

There are three BNAS offerings available pursuant to this tariff, Billing Name and Address (BNA), Data Gathering Service (DGS), and End User Validation List.

### 6.9.1 BNA and Data Gathering Services

BNA is the billing name and address information and Data Gathering is the billing telephone number, name, address and associated working telephone number information for customer provided ten digit end user telephone numbers required by the Telecommunications Service Provider customer to bill for calls placed within a specific time period. BNA and DGS are offered subject to the conditions specified in the following:

- (A) A standard format for the receipt and provision of telephone number and billing name and address information will be established by the Telephone Company. Charges for each BNA searched for and found or searched for and not found will be billed at rates in 6.9.3(A). Charges for each record accessed for DGS are in 6.9.3(B). BNA and DGS will be provided via magnetic tape, electronic transmission, or paper format, at the option of the customer, at rates in 6.9.3(A) and 6.9.3(B). The processing fee will be applied on a per state basis, once per calendar year for BNAS processing done within that calendar year.
- (B) The customer must order BNA or DGS and provide test data tape at least 30 days prior to delivery of the first customer order.
- (C) The frequency for receipt of the customer provided orders for BNA or DGS will be no more than twice monthly and at intervals mutually agreed upon between the Telephone Company and the customer. The customer provided end user telephone numbers will be programmed by the Telephone Company with the proper end user's billing name and address contained in the Telephone Company's file at that time.

- 6. MISCELLANEOUS SERVICES (Cont'd)
  - 6.9 Billing Name and Address Services (BNAS) (Cont'd)
    - 6.9.1 BNA and Data Gathering Services (Cont'd)
      - (D) BNA and DGS information for nonlisted/nonpublished end user telephone numbers will be provided unless the nonlisted/nonpublished end user provides notice of nonconsent to the Telephone Company for the release of the BNA/DGS data. Within 30 days of receipt of such notice, the Telephone Company will discontinue disclosure of the nonlisted/nonpublished BNA/DGS data.
      - (E) For other than electronic transmission, the output records will be sent to the customer via first class U. S. Mail. The output records will normally be made available for mailing ten work days after receipt of the customer order or at an interval mutually agreed upon. Availability may be delayed in case of input errors in the customer provided order.
      - (F) The customer may request data be transmitted. Data transmission charges will be determined on an ICB. Data transmission hardware and software specifications will be mutually agreed upon by the Telephone Company and the customer.
      - (G) BNA and DGS detail will not be retained by the Telephone Company longer than 45 days. If the customer requests that the output be made available on a second occasion, such request must occur within 30 days from the date the first was made.
      - (H) Any customer, provided BNA or DGS pursuant to this tariff, agrees to abide by all applicable rules, decisions, orders, statutes and laws concerning the disclosure of published and nonpublished telephone numbers, and further agrees to use the information contained therein only for the purpose of billing for services provided to their end users.
      - (I) In no case shall any customer or authorized billing and collection agent of a customer disclose the billing name and address information of any subscriber to any third party, except that a customer may disclose BNA/DGS information to its authorized billing and collection agent or to governmental law enforcement agencies.
      - (J) Conditions regarding refusal or discontinuance of this service are found in 2.1.8.

# 6. MISCELLANEOUS SERVICES (Cont'd)

6.9 <u>Billing Name and Address Services (BNAS)</u> (Cont'd)

#### 6.9.2 End User Validation List

End User Validation Lists provide for the disclosure of all or a portion of end user/agent data available from the Telephone Company's records, to a Telecommunications Service Provider (customer), for purposes other than billing, and in compliance with the conditions specified in Part 64.1201(c)(1) of the FCC's Rules and Regulations. In addition, End User Validation List Service is offered subject to the conditions specified in 6.9.1(I), and the following:

- (A) Standard End User Validation Lists will be provided in three (3) files, business, coin (semi-public and public paystations) and residence. Nonlisted/nonpublished information will be excluded, with the exception of nonlisted public paystations. The lists may be ordered on a state level basis, for any of the Telephone Company's jurisdictions subject to this tariff, unless prohibited by federal regulation, federal statute, state regulation or state statute. Rates for the standard End User Validation List are in 6.9.3(C).
- (B) Per calendar year, the customer may request up to two (2) lists per state for business, coin, and residence listings.
- (C) A standard format will be established by the Telephone Company. Requests for special list sorts will be limited to an end user list separating those that are presubscribed to the requesting customer, and/or those that are not. The rate, per record, applicable to special sorts is in 6.9.3(C).
- (D) Each request shall be treated as a new request. Requests for updates from previous lists will not be provided.
- (E) The customer shall have fifteen (15) business days from the date of delivery of a list to request any investigation of issues arising from the provision of the list.
- (F) End User Validation Lists will normally be provided to the customer within thirty calendar days after receipt of a request and within ten (10) business days of extraction, or at an interval mutually agreed upon. The administrative fee specified under 6.9.3(C) applies per request.
- (G) Conditions regarding refusal or discontinuance of this service are found in 2.1.8.

# 6. MISCELLANEOUS SERVICES (Cont'd)

# 6.9 <u>Billing Name and Address Services (BNAS)</u> (Cont'd)

# 6.9.3 Rates and Charges

(A)	(A) Billing Name and Address			
	BNA Number Found, each per call BNA Number Not Found, each per call Processing Fee *	\$ .25 .25		
	Paper Report, Electronic Transmission, or Magnetic Tape, each	50.00		
(B)	Data Gathering Service			
	Per Record Accessed Processing Fee * Paper Report, Electronic Transmission, or Magnetic Tape, each	.18 75.00		
(C)	End User Validation List			
	Standard Sort, per record provided Special Sort, per record provided Administrative Fee Paper Report, Electronic Transmission, or Magnetic Tape,	.034 .054		
	per request	78.00		

7.	SPECIALIZED FSA OR ARRANGEMENTS	Pag	<u>e</u>
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# 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:

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### 8. ANCILLARY AND MISCELLANEOUS SERVICES

### 8.1 Ancillary Services

### 8.1.1 General

Ancillary Services are available in the following categories:

- (A) Billing and Collection Service
  - Call Recording Service
  - Message Processing Service
  - Assembly and Editing Service
  - Call Record Provision Service
  - Message Bill Processing Service
  - Bill Rendering Service
  - Message Investigation Service
  - Billing Plus Service
  - Prime Billing Service
  - Program Development
  - Inquiry Service

Regulations, rates, and charges as follows apply to Ancillary Services and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of such Ancillary Services by the Telephone Company, as set forth following, does not constitute a joint undertaking with the customer for the furnishing of any service.

The Telephone Company's undertaking to provide Ancillary Services is made only in conjunction with intrastate services offered within its operating territory.

The regulations, rates, and charges contained herein are in addition to the applicable regulations, rates, and charges specified in other sections of this tariff and in other tariffs of the Telephone Company which are referenced herein.

### 8.1.2 Regulations

# (A) Undertaking of the Telephone Company

#### (1) Provision of Ancillary Services

(a) The Telephone Company, to the extent Ancillary Services are, or can be made available with reasonable effort, will provide to the customer Ancillary Services as described in 8.1.3, at rates and charges as specified in 8.1.5.

BillingPlus is a Service Mark of GTE Telephone Operations. PrimeBilling is a Service Mark of GTE Telephone Operations.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.2 Regulations (Cont'd)
      - (A) Undertaking of the Telephone Company (Cont'd)
        - (1) Provision of Ancillary Services (Cont'd)
          - (b) When the customer subscribes to Call Recording Service, as set forth in 8.1.3(A)(1), and customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer messages and associated revenue based on previously known values determined from historical data. In such events, the extent of the Telephone Company's liability for damages shall be limited to the granting of a corresponding credit adjustment on the customer's bill representing amounts due to the customer for the unbilled revenue.

When the Telephone Company is notified that, due to error or omission, incomplete data has been provided to a customer, the Telephone Company will make every reasonable effort to locate and/or recover the data and provide new magnetic tapes to the customer at no additional charge. Such request to recover the data must be made within 30 days from the date the details were initially made available to the customer. If the data cannot be recovered, the extent of the Telephone Company's liability for damages shall be limited as set forth in the preceding paragraph.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.2 Regulations (Cont'd)
      - (A) Undertaking of the Telephone Company (Cont'd)
        - (1) Provision of Ancillary Services (Cont'd)
          - (c) The Telephone Company shall be responsible for contacts and arrangements with the end user concerning the billing, collecting, crediting and adjusting of the customer's service charges, when the Telephone Company provides Inquiry Service as set forth in 8.1.3(A)(11).
          - (d) Message Bill Processing, Bill Rendering, BillingPlus, PrimeBilling and Inquiry Services will only be offered by the Telephone Company with the purchase of receivables. The Telephone Company will purchase the customers receivables at a discount from face value. The exact contents of the discount factor and specific settlement procedures will be contained in individual contractual arrangements signed by each customer.
        - (2) Discontinuance and Refusal of Ancillary Services
          - (a) If the customer fails to comply with the provisions of this tariff, 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 via certified mail from the Telephone Company to an officer of the customer requesting payment for such noncompliance, the Telephone Company may discontinue the provision of the Ancillary Service. In case of such discontinuance, all applicable charges shall immediately become due.
          - (b) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of Ancillary Services and fails to correct such course of action after notice as set forth in (a) preceding, the Telephone Company may refuse applications for additional Ancillary Services.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

### 8.1.2 Regulations (Cont'd)

### (B) Obligations of the Customer

### (1) References to the Telephone Company

The customer may advise end users that Ancillary Services are provided by the Telephone Company in connection with the service the customer furnishes to its end users.

### (2) Request for Service

# (a) Minimum Order Periods

The customer shall order Ancillary Service(s) with the following minimum requirements:

The minimum period for which Call Recording Service is provided and for which charges apply is one month (30 days). A customer may cancel Call Recording Service on any date prior to the start of the next month's service. If written notice is not received from the customer, or from the Telephone Company that ordered the Call Recording Service prior to the start of the following month's service, the Telephone Company shall assume that the service is to be extended for another month (30 days).

The initial minimum period for Message Processing, Message Bill Processing, BillingPlus, PrimeBilling and Inquiry Services is three years. Six months prior to the end of the initial order period or subsequent extension, the customer shall notify the Telephone Company in writing, if the service is to be discontinued. If no notice is received from the customer, the Telephone Company shall assume that the service is extended for another year.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

- 8.1 Ancillary Services (Cont'd)
  - 8.1.2 Regulations (Cont'd)
    - (B) Obligations of the Customer
      - (2) Request for Service (Cont'd)
        - (b) Order Requirements

When Call Recording Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be recorded. When Call Recording Service is provided from an end office switch, the estimate of the number of messages to be recorded shall be provided by end office. When Call Recording Service is provided from an access tandem, the estimate of the number of messages to be recorded shall be provided by access tandem. The message capacity shall be provided by year.

When Message Processing Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be processed. The number of messages shall be provided by year.

When Message Bill Processing, Message Investigation, BillingPlus, PrimeBilling and Inquiry Services are ordered for MTS/WATS services, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be billed. The message capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS messages, bulk-billed messages (WATS/800/888 services), and invoice billing messages.

When Bill Rendering Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of bills for which Bill Rendering Service will be provided. The bill capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS bills, bulk-billed (WATS/800/888) bills and invoice billing bills.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

- 8.1 Ancillary Services (Cont'd)
  - 8.1.2 Regulations (Cont'd)
    - (C) Payment Arrangements
      - (1) Minimum Charges
        - (a) Call Recording, Message Processing, Message Bill Processing, BillingPlus, Bulkbilled, PrimeBilling and Inquiry Services are subject to minimum charges.
        - (b) Any minimum billing associated with the above services will be filed on an individual case basis in Section 8.1.5(B) of this tariff.
      - (2) Cancellation of Order for Ancillary Services
        - (a) When an order for Ancillary Services is canceled prior to the start of installation of such Ancillary Services, no charges will apply. Installation of Ancillary Services is 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.
        - (b) Where program development of Ancillary Services has been started prior to the cancellation, and to the extent the Telephone Company has another use for the specially developed Ancillary Services, no charge applies. When the Telephone Company has no other use for the specially developed Ancillary Services, a charge equal to the costs incurred prior to the date of cancellation applies. Such charge is determined as detailed in paragraph (c).
        - (c) The charge, as specified in paragraph (b), includes the cost, less the net salvage value of equipment and material either ordered, provided or installed, plus the nonrecoverable cost of system development and installation. Charges will be determined on an individual case basis as required and will be specified in 8.1.5(C).

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

# 8.1.2 Regulations (Cont'd)

## (C) Payment Arrangements (Cont'd)

### (3) Acceptance of Gift Certificates

The Telephone Company will accept customer gift certificates for payment from end users, if the customer agrees in writing to redeem all such gift certificates.

## (4) Minimum Period Disconnect Charges

Minimum period disconnect charges will apply, if service is discontinued prior to the expiration of the minimum period. For Call Recording Service, the Telephone Company will use the most recent 30 day period for which data is available to determine the total minimum monthly charge. The customer will only be billed for the adjusted amount due, if payment has been received for any portion of the discontinued service.

If, for Message Processing, Message Bill Processing, Bill Rendering, BillingPlus, PrimeBilling and Inquiry Services, service is discontinued prior to the end of the period ordered, the customer will pay the minimum charges for the remaining months of the minimum order period specified in 8.1.2(B)(2)(a).

The monthly charge for Message Processing, Message Bill Processing, Bill Rendering, BillingPlus, PrimeBilling and Inquiry Services, will be one-twelfth of the appropriate yearly message capacity (i.e., MTS service billed or bulk-billed capacity estimate) furnished by the customer as set forth above, times the appropriate Message Processing, Message Bill Processing, Bill Rendering, BillingPlus, PrimeBilling and Inquiry Services rate.

If service is discontinued prior to the end of six months when Directory Assistance is ordered, then the customer shall be obligated to pay the Telephone Company non-recoverable costs, less the net salvage value, for the discontinued service.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

# 8.1.2 Regulations (Cont'd)

### (C) Payment Arrangements (Cont'd)

### (5) Payment of Charges

When the Telephone Company purchases Call Recording from another telephone company and/or Message Processing Services from another telephone company or entity for a customer, the rates and charges for such services contained in this tariff are applicable.

## (6) <u>Customer's End User Deposits</u>

When Bill Rendering, BillingPlus, PrimeBilling and Inquiry Services are ordered, the Telephone Company will determine and collect a deposit from the customer's end user in accordance with the Telephone Company deposit regulations. The Telephone Company will provide the customer with a copy of its deposit regulations upon request.

#### 8.1.3 Description of Ancillary Services

Ancillary Services consist of those functions provided in conjunction with Facilities for Intrastate Access (FIA) which the Telephone Company offers in other sections of this tariff. Ancillary Services are as follows:

### (A) Billing and Collection Service

# (1) Call Recording Service

The Telephone Company will provide Call Recording in the Telephone Company suitably equipped end offices or tandems. Call Recording is available only with FGC, FGD or similar Feature Group offerings when used in the provision of MTS/WATS services. Call Recording is the entering on magnetic tape or other acceptable media the details of customer messages originated through Switched Access Service or Switched Access-like service, for which answer and disconnect supervision has been received. The Telephone Company will provide the customer, upon request, the recorded message detail, as agreed to by both parties, for each completed intrastate message generated by end users gaining access to the customer from the Access Area.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

#### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

#### (A) Billing and Collection Service (Cont'd)

### (1) Call Recording Service (Cont'd)

The equipment at the customer designated location shall provide such signals as may be required for the proper operation of the Telephone Company's automatic call recording equipment used to perform this function.

The Telephone Company may purchase Call Recording Service from another telephone company. Another telephone company or entity may purchase Call Recording Service from the Telephone Company.

A standard format for the provision of the recorded message detail will be established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the format. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will provide notification to the customer six months in advance of the change.

### (2) Message Processing Service

Message Processing Service consists of the transformation of recorded customer message details into rated messages. Message Processing Service will be provided for each intrastate message generated by end users gaining access to the customer from the Access Area of the Telephone Company. Message Processing Service includes the following:

#### (a) Assembly of Message Detail

This function consists of arranging the customer's recorded message details into a format required for subsequent processing.

### (b) Editing of Message Detail

This function consists of examining individual message detail and identifying the messages with errors or the messages which require further examination.

# (c) Rating of Messages

This function consists of calculating the charges for messages based on the customer's schedule of charges and the message detail. The Telephone Company will provide Message Processing Service only for customer messages originated within the Access Area.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

### (A) <u>Billing and Collection Service</u> (Cont'd)

### (2) Message Processing Service (Cont'd)

For the purpose of performing Message Processing Service, the Telephone Company may purchase Message Processing Service from another telephone company or entity as set forth in 8.1.2(C)(5). Another telephone company or entity may purchase Message Processing Service from the Telephone Company.

Where the customer provides its own message details, it must be in the standard format established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required format. If, in the course of telephone company business, it is necessary to change the format, the Telephone Company will provide notification to the customer six months in advance of the change.

Where the Telephone Company has rated customer messages which are to be billed to an end user by another telephone company or entity, the Telephone Company will enter the customer messages on a magnetic tape or data file and transmit the rated messages as set forth in 8.1.3(A)(4).

#### (3) Assembly and Editing Service

Assembly is the aggregation of recorded message details to create individual messages for rating. Editing is the process of verifying that the assembled message data is in accordance with the Telephone Company standard format and prescribed Exchange Message Interface (EMI) specifications.

The editing function consists of examining individual message detail and identifying the messages with errors or the messages requiring further examination. The editing process includes the validations of data categories such as; but not limited to, the following:

- Called Telephone Number
- Calling Telephone Number
- Date

The assembled and edited recorded message detail will be provided to the customer as set forth in 8.1.3(A)(4).

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

#### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

#### (A) Billing and Collection Service (Cont'd)

### (4) Call Record Provision Service

Call Record Provision Service is the transmission and receipt of rated and unrated message data. It also includes the transmission of end user data as a result of customer generated activity (i.e., transmitting end user data during conversion activities, etc.).

The billing information and/or end user data may be transmitted or received on magnetic tape or other acceptable media via either of two principal methods:

- -Hand carried recording media (i.e., magnetic tape).
- -Direct interface (WINDSTREAM Data Link Service) to the Telephone Company billing center.

The Telephone Company will determine the number of magnetic tapes required to transmit message/record data to the customer, another telephone company or billing entity.

### (5) Message Bill Processing Service

Message Bill Processing Service is the accumulation, guiding, and preparation of messages (including the application of taxes) for end user bill rendering for MTS/WATS services.

Message-Billed Message Bill Processing Service is the accumulation, guiding, posting, and formatting of rated message detail for bill rendering. The telephone company will process Calling Plans (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a disconnect to aggregate MTS usage as a part of its Message-Billed Message Bill Processing Service.

Bulk-Billed Message Bill Processing Service is the accumulation, guiding, and posting of rated message detail where the individual message detail is not provided on the bill rendered to the end user.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)
      - (A) Billing and Collection Service (Cont'd)
        - (5) Message Bill Processing Service (Cont'd)

The rating may have been done by the Telephone Company, another entity, or the customer. Where a customer subscribes to Message Processing Service as set forth in 8.1.3(A)(2), the rated customer messages will be used as the input. If the customer provides the rated customer messages, the end user account to be billed shall be identified and the records shall be provided in the standard format established by the Telephone Company and delivered, as set forth in 8.1.3(A)(4) or 8.1.4(A)(13), to the location specified by the Telephone Company.

If the customer provided rated messages must be converted by the Telephone Company to the standard format, and the Telephone Company agrees to make the conversion, program development charges as set forth in 8.1.5(A) apply for the hours required to design, develop, test, and maintain the necessary programs. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will provide notification to the customer six months in advance of the change.

The Telephone Company will only provide Message Bill Processing Service when Bill Rendering Service and Record Keeping are ordered.

The Message Bill Processing Service rate band will be determined as set forth in 8.1.4(A)(5).

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

- 8.1 Ancillary Services (Cont'd)
  - 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)
    - (A) Billing and Collection Service (Cont'd)
      - (6) Bill Rendering Service

Bill Rendering Service is the printing and mailing of statements showing amounts due from end users for services provided by the customer. Bill Rendering Service includes payment and remittance processing, treatment, denial of service, and collection of deposits (where appropriate) and other monies due from the end user. Bill Rendering Service is provided on a per bill basis.

When the Telephone Company provides Bill Rendering Service, the customer's statement of the amount due may, at Telephone Company option, be included as part of the regular monthly bill for local exchange service mailed to the end user.

The Telephone Company may, in accordance with its deposit regulations, determine and collect a deposit from the end user for the customer's services as set forth in 8.1.2(C)(6). When necessary, the Telephone Company, in accordance with its treatment procedures, shall deny the customer's services and/or local exchange services to an end user. Where local exchange service access is denied, access to the customer services will also be denied.

Bill Rendering Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balance due from end users prior to the initial order period.

The Telephone Company will only provide Bill Rendering Service when Message Bill Processing with Record Keeping is ordered or when PrimeBilling is ordered.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)
      - (A) Billing and Collection Service (Cont'd)
        - (7) Message Investigation Service

The Telephone Company will provide Message Investigation Service when requested by the customer. Message Investigation Service is that activity undertaken by the Telephone Company to secure, or attempt to secure proper billing information in an effort to sustain or recharge the customer's message. The Telephone Company will investigate, at the request of the customer, unbillable messages to correct message detail information to allow for the proper billing application.

The customer's request for Message Investigation Service shall identify the customer message, the date the customer message was billed and the amount of the customer message. Message Investigation Service is provided on a per message investigated basis.

Message Investigation Service will be provided for each intrastate message generated by end users gaining access to the customer MTS/WATS services from the Access Area of the Telephone Company.

### 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

#### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

### (A) Billing and Collection Service (Cont'd)

### (8) BillingPlus Service

BillingPlus Service includes the preparation of bills, mailing of the bills to the end users, and the collection of deposits and monies due from the end users. BillingPlus Service also includes master file maintenance.

BillingPlus Service is provided on a per message billed basis (message-billed). The Telephone Company will process Calling Plan (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a discount to aggregate MTS usage as a part of its message-billed billing.

When BillingPlus Service is ordered, the Telephone Company will accumulate, guide and post rated messages in preparation for billing (includes the application of taxes). The Telephone Company will also print and mail statements showing amounts due from end users for MTS services provided by the customer.

Collection Service provided to the customer will include receiving payments from the customer's end users, treatment of receivables, treatment of accounts, master file maintenance and collection of deposits (where appropriate) as set forth in 8.1.2(C)(6). When necessary, the Telephone Company, in accordance with its treatment procedures, shall deny the customer's services and/or local exchange services to an end user. Where local exchange service access is denied, access to the customer services will also be denied.

The rating may have been done by the Telephone Company, another entity or the customer. Where the customer subscribes to Message Processing Service as set for in 8.1.3(A)(2), the rated customer messages will be used as the input. If the customer or another entity provides the rated messages, the end user account to be billed shall be identified and the records shall be provided in the standard format established by the Telephone Company and delivered as set forth in 8.1.3(A)(4) or 8.1.4(A)(13).

BillingPlus Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balance due from end users prior to the initial order period.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

### 8.1 Ancillary Services (Cont'd)

#### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

### (A) Billing and Collection Service (Cont'd)

### (9) PrimeBilling Service

PrimeBilling Service is the centralized receipt of invoice billing records for inclusion on the end user bill.

PrimeBilling Service includes the preparation of bills, mailing of statements of the amount due for services provided by the customer, and the collection of deposits (where appropriate) and monies due from the customer's end users. PrimeBilling Service also includes account establishment, maintenance of accounts, and treatment of accounts.

When the Telephone Company provides PrimeBilling Service, the customer shall rate its end users messages, calculate the taxes, and the total amount (surcharges, discounts, allowances, recurring fees, etc.) to be billed for services it provided to its end users, prior to sending the invoice billing records to the Telephone Company.

The customer's statement of the amount due may, at Telephone Company option, be included as part of the regular monthly bill for local exchange service mailed to the end user.

As a part of its treatment procedures, the Telephone Company shall have the final authority to make adjustments or deny service for disputed charges on the end user's account.

PrimeBilling Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balance due from end users prior to the initial order period.

Call Record Provision charges, as set forth in 8.1.5(A), shall apply for the receipt of accepted messages and the return of rejected messages. In addition, the PrimeBilling Charge as set forth in 8.1.5(A) shall apply per message billed and the Bill Rendering Service Rate, as set forth in 8.1.5(A), shall apply per bill rendered.

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

- 8.1 Ancillary Services (Cont'd)
  - 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)
    - (A) <u>Billing and Collection Service</u> (Cont'd)
      - (10) Program Development Service

Program Development Service consists of developing the customer's schedule of rates into a rating program and changing the bill format when requested by the customer. Program Development Service also includes converting message data, transmitted to the Telephone Company by the customer or another entity into the Telephone Company standard format for processing.

A Program Development Charge, as set forth in 8.1.5(A), applies for the programming hours required for software designing and coding.

A Program Implementation Charge applies for table updating, testing, administration, documenting program changes, and other implementation activities.

Changes in the rate levels of customer charges to be billed will normally be implemented within 30 days after receipt of an order from the customer requesting such change. When modification to the rating program is required, a Program Development Charge will also apply. Changes in rate structure will normally be completed within six months of a customer's order.

The complexity of the structural change will determine the exact length of time necessary to fulfill the request. Rate structure changes will be made only when the Telephone Company can accommodate such changes.

### 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

#### 8.1 Ancillary Services (Cont'd)

#### 8.1.3 <u>Description of Ancillary Services</u> (Cont'd)

### (A) Billing and Collection Service (Cont'd)

#### (11) Inquiry Service

Inquiry Service consists of answering end user questions about charges billed for the customer's services, applying credits and adjustments to end user accounts, and reviewing messages removed from end user bills.

When the Telephone Company provides Inquiry Service, the Telephone Company will be responsible for contracts and arrangements (either written or oral) with the customer's end users concerning the billing, collecting, crediting, adjusting and message investigation of the customer's service charges in accordance with written instructions furnished by the customer and agreed to by the Telephone Company. Billed messages removed from an end user's bill will be appropriately adjusted to the customer's account receivable as agreed to by both parties.

The Telephone Company will not become involved in disputes between a customer and its end users. Consequently, utilizing Telephone Company guidelines previously established for the collection process for its own accounts, the Telephone Company may remove a disputed customer's charge from an end user's bill and deduct that amount from the customer's accounts receivable. It will be the customer's responsibility to pursue the collection of the disputed amount.

The Telephone Company shall have the final authority to make adjustments or deny service for disputed charges on end users accounts.

Inquiry Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balances due from end users prior to the initial order period.

Inquiry Service will only be provided when Message Bill Processing, or BillingPlus Service is ordered. Inquiry Service will only be provided in the Telephone Company operating territory.

Inquiry Service consists of a bifurcated rate structure, a per message billed rate and a per adjustment rate.

## 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

#### 8.1 Ancillary Services (Cont'd)

#### 8.1.4 Rate Regulations

#### (A) Billing and Collection Service

- (1) Call Recording Service for MTS/WATS services includes the functions listed in 8.1.3(A)(1). The rate, as set forth in 8.1.5(A), applies per message recorded.
- (2) Message Processing Service for MTS/WATS services includes the functions listed in 8.1.3(A)(2). The rate, as specified in 8.1.5(A), applies per message processed. In those locations where WATS services are metered, or the billing record is summarized by another telephone company, the Message Processing rate, as set forth in 8.1.5(A), will apply per billing record processed. For rating purposes, a billing record is defined as any record which is required to be processed to accomplish billing of a customer's WATS usage.
- (3) Assembly and Editing Services for MTS/WATS services consists of the functions listed in 8.1.3(A)(3). The rates, as specified in 8.1.5(A), applies per message assembled and edited.
- (4) When message detail is transmitted to or received from the customer, another telephone company or billing entity, a Call Record Provision charge will apply. For this purpose, a record is a logical grouping of information as described in the program that processes the information and loads the magnetic tape or data file. The rate, as specified in 8.1.5(A), applies per record transmitted or received. The Telephone Company will determine the Call Record Provision charge based on its count of the records transmitted or received.
- (5) The Message Bill Processing Service charge applies whenever the Telephone Company performs the functions listed in 8.1.3(A)(5). The rate for Message Bill Processing Service shall be the rate corresponding to the Message Bill Processing Service rate for such volume of messages, both interstate and intrastate, as set forth in 8.1.5(A) on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.4 Rate Regulations (Cont'd)
      - (A) <u>Billing and Collection Service</u> (Cont'd)
        - (5) (Cont'd)

The Telephone Company will use the customer provided message capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Telephone Company will determine the actual volume of messages for which the Telephone Company performed Message Bill Processing Service. Such actual volumes shall be compared to the Message Bill Processing Service bands as set forth in 8.1.5(A) to determine which band such actual volume of messages fall. If the actual volume is greater than or less than customer provided message capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Telephone Company and the customer shall utilize the previous year's actual volume of messages and the customer provided message capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedure described in the previous paragraph will be followed.

The rate, as specified in 8.1.5(A) applies per message processed. The bulk-billed Message Processing Service charge applies per WATS/800/888 message processed.

(6) Bill Rendering Service includes the functions listed in 8.1.3(A)(6). The rate for Bill Rendering shall be the rate corresponding to the Bill Rendering Service rate for such volume of bills for a particular Telephone Company Billing Service, interstate and intrastate, as set forth in 8.1.5(A) on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.4 Rate Regulations (Cont'd)
      - (A) Billing and Collection Service (Cont'd)
        - (6) (Cont'd)

The Telephone Company will use the customer provided bill capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Telephone Company will determine the actual volume of bills for which the Telephone Company performed Bill Rendering Service. Such actual volumes shall be compared to the Bill Rendering Service bands as set forth in 8.1.5(A) to determine which band such actual volume of bills fall. If the actual volume is greater than or less than the customer provided bill capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Telephone Company and the customer shall utilize the previous year's actual volume of bills and the customer provided bill capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedures described in the previous paragraph will be followed.

The rate, as specified in 8.1.5(A) applies per bill rendered. A factor, based on actual interstate and intrastate billed-messages, will be used by the Telephone Company to apportion the Bill Rendering charge by jurisdiction.

(7) Message Investigation Service consists of the functions listed in 8.1.3(A)(7). The rate, as specified in 8.1.5(A), applies per message investigated by the Telephone Company.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.4 Rate Regulations (Cont'd)
      - (A) Billing and Collection Service (Cont'd)
        - (8) BillingPlus Service consists of the functions listed in 8.1.3(A)(8). The rate, as set forth in 8.1.5(A), applies per message.
        - (9) PrimeBilling Service consists of the functions listed in 8.1.3(A)(9). The rates, as set forth in 8.1.5(A), apply per message per bill.
        - (10) A Record Keeping Charge applies for each end user account maintained by the Telephone Company for the customer. An end user account is a record which has a name and address and a unique billing identification number assigned by the Telephone Company to which a bill is rendered. The Record Keeping Charge, as specified in 8.1.5(A), applies per month for each account and/or line maintained.
          - A factor, based on actual interstate and intrastate billed messages will be used to apportion the Record Keeping charge by jurisdiction.
        - (11) An Exchange Carrier Memorandum (EC Memo) charge will be assessed each time the customer requests a manual adjustment to an end user account. The EC Memo charge, as specified in 8.1.5(A), applies per account adjusted per memo. When necessary, a factor (based on actual interstate and intrastate adjusted messages) will be used to apportion the EC Memo charge by jurisdiction.
        - (12) A Service Order Change Charge applies whenever a billing service order is accepted by the Telephone Company to update (i.e., add, change, or delete) its billing file to implement the requested activity. The Service Order Change Charge, as set forth in 8.1.5(A), applies per order processed.

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.4 Rate Regulations (Cont'd)
      - (A) Billing and Collection Service (Cont'd)
        - (13) A Centralized Message Dispersion charge will apply when the Telephone Company provides a single point for the receipt of customer message data. The Telephone Company will receive, edit, sort, disperse and confirm the number of accepted billable messages and the total amount due the customer for services provided to its end users. In addition, the rated and/or unrated message data is dispersed to the appropriate location for further processing and/or billing. The rates, as set forth in 8.1.5(A) will apply per message processed. Call Record Provision charges, as set forth in 8.1.5(A) will apply for the receipt of each billable message and the transmission of each unbillable message. This charge does not apply to PrimeBilling Service.
        - (14) The Telephone Company will provide Private Line Billing Service only for those customer private line services for which the Telephone Company is providing Special Access Service.
        - (15) Inquiry Service includes the functions listed in 8.1.3(A)(11). Inquiry Service consists of a bifurcated rate structure, a per message billed and a per adjustment rate. The Inquiry Service per message billed rate applies for each customer message billed by the Telephone Company. The per adjustment rate applies per adjustment made to an end user bill.
      - (B) (Reserved for Future Use)

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

# 8.1 Ancillary Services (Cont'd)

# 8.1.5 Rates and Charges

# (A) Billing and Collection Service

	Rate
Service Order Change Charge	
Per Order	\$ 4.00
Program Development Charge	
Per Hour	94.00
Program Implementation Charge	
Per Hour	55.00
MTS/WATS/800/888 Services	
Call Recording, per message	.0150
Message Processing, per message	.0100
Assembly and Editing, per message	.0075
Bill Rendering, per bill	
0 - 900	.35
901 - 1,300	.30
1,301 - 5,999	.27
6,000 - 7,000	.25
Greater than 7,000	.23

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

# 8.1 Ancillary Services (Cont'd)

# 8.1.5 Rates and Charges (Cont'd)

# (A) Billing and Collection Service (Cont'd)

Call Record Provision Via Magnetic Tape	<u>Rate</u>
Per Message Record Transmitted or Received Via Direct Interface	\$0.01
Per Message Record Transmitted or Received	.002
Message Bill Processing Service Message-Billed, per message	
0 - 43,199	.15295
43,200 - 57,499	.11675
57,500 - 83,299	.09675
83,300 - 100,699	.09375
100,700 - 129,499	.09375
129,500 - 158,000	.09275
Greater than 158,000	.09175
Bulk-Billed, per message	.0200
BillingPlus	
Per Message	.0522

# 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)

# 8.1 Ancillary Services (Cont'd)

# 8.1.5 Rates and Charges (Cont'd)

# (A) Billing and Collection Service (Cont'd)

	<u>Rate</u>
PrimeBilling□, per message Messages Per End User Account 1 - 10 Messages 11+ Messages	\$ .0310 .0190
Exchange Carrier Memorandum (EC Memo) per account	10.00
Record Keeping Per Account	.0300
Centralized Message Dispersion Per Message	.002
Inquiry Service, per message per customer message billed per adjustment	.0078 2.00

- 8. ANCILLARY AND MISCELLANEOUS SERVICES (Cont'd)
  - 8.1 Ancillary Services (Cont'd)
    - 8.1.5 Rates and Charges (Cont'd)
      - (B) In accordance with 8.1.2(C)(1)(b), the rates and charges will be developed on an individual case basis and listed below.

(Reserved for Future Use)

(C) In accordance with 8.1.2(C)(2)(c), the rates and charges will be developed on an individual case basis and listed below:

(Reserved for Future Use)

9.	SPE	CIAL FA	CILITIES ROUTING OF FSA	<u>Page</u>
	9.1	Descrip	tion 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 a	nd Charges	1
		9.2.1	Diversity	1
		9.2.2	Avoidance	
		9.2.3	Diversity and Avoidance Combined	2
		9.2.4	Cable-Only Facilities	2

### 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.

#### 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 Cable-Only Facilities (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:

10.	SPEC	IAL CONST	<u>TRUCTION</u>	<u>Page</u>
	10.1	General		1
		10.1.1	Conditions Requiring Special Construction	1
		10.1.2	Filing of Charges	1
		10.1.3	Ownership of Facilities	2
		10.1.4	Interval to Provide FSA	2
		10.1.5	Spl Construction Involving Interstate and Intrastate FSA	2
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		10.2.1	General	2
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		10.2.3	Start/End of Billing	. 2
		10.2.4	Partial Payments	
		10.2.5	Development of Liabilities and Charges	. 3
		10.2.6	Types of Contingent Liabilities	
			(A) Maximum Termination Liability	. 3
			(B) Reduction on Maximum Termination Liability	
		10.2.7	Types of Charges	
		10.2.7	(A) Nonrecurring Charges	
			(1) Cost of Construction	
			(2) Case Preparation Charge	
			(3) Termination Charge	
			(4) Cancellation Charge	
			(5) Expediting Charge	
			(6) Optional Payment Charge	
			(a) Development of Optional Payment Charge	
			(b) Replacement Charge	
			(B) Recurring Charges	
			(1) Excess Capacity Charge	
			(2) (Reserved for Future Use)	. 11
			(3) Charge for Route or Type Other Than Normal	
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			(A) Special Construction of Permanent FSA	. 14
			(1) Special Construction When Not Available and There	4.4
			is No Other Requirement for Them	. 14
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			Other Than Normal	. 14
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			Than Necessary to Satisfy the Customer's Order for	
			Service	. 15
			(4) Special Construction Expedited at Greater Cost Than	
			Would Otherwise be Incurred	
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10.	SPECI	<u>L CONSTRUCTION</u> <u>Pa</u>	<u>age</u>
	10.3	Deferral of the In-Service of FSA	15
			15
		10.3.2 Construction Has Not Started	15
			16
		(A) All FSA Are Deferred	16
			16
		10.3.4 Construction Complete	16
	10.4	Charges for Customers Choosing the Optional Liability Period to Provide Permanent FSA	16
		10.4.1 (Reserved for Future Use)	16
	10.5	Charges for Customers Choosing the Standard Liability Period to Provide Permanent FSA	17
	10.6	Charges to Provide Temporary FSA	17

#### 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 <u>Conditions Requiring Special Construction</u>

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:

- (A) Notification will be made to the NMSCC that Special Construction will be provided and the customer (as specified in the notification) is aware of all Rates and Charges.
- (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 Communications Southwest, tariff providing Facilities for Interstate Access.

#### 10.2 <u>Liabilities, Charges and Payments</u>

#### 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 Type of Contingent Liabilities (Cont'd)

#### (A) Maximum Termination Liability (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: cost of construction, case preparation, termination, cancellation, expediting the construction, or optional payment charges.

- (1) If the Telephone Company has no other requirement for the facilities constructed at the customers request, the following will apply:
  - (a) If the cost is equal to or less than \$5,000, the facilities will be provisioned by the Telephone Company at no direct charge to the Customer.
  - (b) If the cost is greater than \$5,000, the Customer is liable for all costs greater than \$5,000. The Telephone Company will work with the Customer to arrive at a payment plan. All rates and charges as well as the agreed payment plan will be filed under 10.4.

## (2) <u>Case Preparation Charge</u> (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) <u>Cancellation Charge</u>

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) Development of Optional Payment Charge

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 Minus Optional Payment Charge Equals Investment for MTL Computation Remaining Recoverable	\$20,000 13,000 7,000
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 Types of Charges (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	¢20,000
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

 $\frac{$15,000 \times $2,000}{$30,000} = 1,000$ 

Replacement Charge \$1,000

# 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

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.

# FACILITIES FOR INTRASTATE ACCESS

# 10. SPECIAL CONSTRUCTION (Cont'd)

#### Liabilities, Charges and Payments (Cont'd) 10.2

#### 10.2.7 Types of Charges (Cont'd)

- Recurring Charges (Cont'd) (B)
  - (3) Charge for Route or Type Other Than Normal (Cont'd)
    - (Cont'd) (a)

## DEVELOPMENT OF RECURRING MONTHLY CHARGE FOR OPTIONAL PAYMENTS

For example 1 see 10.2.7(A)(6)(a)

A B Optional Payment Nonrecurring Specially Charge For Constructe	YPE OF FSA NORMAL
Nonrecurring Specially Charge For Constructed	C D
Special Const.         Less Nonr           FSA         \$13,000           \$17,00	ed FSA Normal recurring Existing Route/Type res Facilities Facilities
1. Depreciation - 1,12	22 408
<ol> <li>Federal Income         Tax and Return         - 2,14</li> <li>Maintenance 1,131 1,47</li> <li>Administration 455 59</li> <li>Other Taxes 286 3</li> <li>Sub Total 1,872 - 10% x Line 6 187</li> <li>Totals (A) \$2,059 (B) \$5,713</li> </ol>	9 799 5 595 7 374 

A + B = \$7,771A + 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 Types of Charges (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					_	NORMAL	
		Α		В	С		D
1.	Ne C	tional Payme onrecurring charge For ecial Const. FSA \$10,000	Co Less	Specially nstructed F Nonrecurri Charges \$20,000	-	<u>s</u> _	Normal Route/Type <u>Facilities</u> \$17,000
2.	Federal Income Tax and Return Maintenance Administration Other Taxes Sub Total 10% x Line 6	-	(B)	2,520 1,740 700 440 - - \$ 6,720	- (C)	(D)	2,346 799 595 374 - - \$ 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) Special Construction Using a Route or Type of FSA Other Than Normal

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.

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#### **FACILITIES FOR INTRASTATE ACCESS**

# 10. SPECIAL CONSTRUCTION (Cont'd)

#### 10.2 <u>Liabilities, Charges and Payments</u> (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 <u>Deferral of the In-Service Date of FSA</u>

#### 10.3.1 General

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 Construction Has Not Started

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 Charges for Customers Choosing the Optional Liability Period to Provide Permanent FSA

### 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.

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### 11. SPECIAL FEDERAL GOVERNMENT FSA

#### 11.1 General

This section covers FSA that are provided for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. FSA provided to state emergency operations centers are included. These FSA provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

FSA for command and control communications and for national security and emergency preparedness are sometimes required within a short time frame. These provisions are especially needed to meet presidential requirements or in response to natural, man made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of FSA under these conditions may require the availability of facilities, such as portable microwave equipment, etc., which are provided on a temporary basis.

## 11.2 <u>Emergency Conditions</u>

These FSA will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad (includes space vehicle recovery and protection efforts).

Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.

The Director (Cabinet level) of a Federal Department, Commander of a Unified/Specified Command, or Head of a Military Department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.

Political unrest in foreign countries which affect the National Interest.

Presidential Service.

#### 11.3 Intervals to Provide FSA

ASRs may be placed under the provisions set forth in 3.2.1 preceding.

11.4 (Reserved for Future Use)

### 11. SPECIAL FEDERAL GOVERNMENT FSA (Cont'd)

#### 11.5 Safeguarding of FSA

#### 11.5.1 (Reserved for Future Use)

#### 11.5.2 FSA Availability

In order to insure communications during periods of emergency, the Telephone Company will (within the limits of good management) make available the necessary facilities to restore FSA in the event of damage or to provide temporary emergency FSA.

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize Government-owned facilities, when necessary, to provide FSA.

#### 11.6 Federal Government Regulations

FSA provided to the Federal Government will be billed in arrears, as required by Federal procurement or disbursement regulations, or as established by law. ICs providing service to the Federal Government are not entitled to the benefits of those laws or regulations providing for billing the Federal Government in arrears.

#### 11.7 (Reserved for Future Use)

#### 11.8 FSA Offerings to the Federal Government

The following FSA are provided only for agencies or branches of the Federal Government. Access Services provided to the Federal Government but not specified in the following will be provided in accordance with the regulations and at the rates contained in other sections of this tariff.

#### 11.8.1 Type and Description

### (A) Voiceband Special Access

# (1) <u>Voice Grade Secure Communications Type I</u> (USOC - GOV1X)

Approximate bandwidth of 10-50000 Hz. Furnished for two-point secure communications on two-wire or four-wire metallic facilities between two or more customer designated locations and an end user's premises. Special Access is conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

15 dB at 10 Hz 13 dB at 100 Hz 12 dB at 1000 Hz 20 dB at 10000 Hz 30 dB at 50000 Hz

#### 11. SPECIAL FEDERAL GOVERNMENT FSA (Cont'd)

# 11.8 FSA Offerings to the Federal Government

#### 11.8.1 Type and Description (Cont'd)

#### (A) Voiceband Special Access (Cont'd)

#### (1) Voice Grade Secure Communications Type I (Cont'd)

Additional conditioning (available in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dB at 1000 Hz

- + 1 dB between 1000 Hz and 40000 Hz
- + 2 dB between 10 Hz and 50000 Hz (+ means more loss)

The net loss of the conditioned Special Access (with or without additional conditioning) shall not vary by more than 4 dB at 1000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

## (2) Voice Grade Secure Communications Type II (USOC - GOV2X)

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between a customer designated location and an end user's premises. Special Access is conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I Special Access without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

#### (3) Voice Grade Secure Communications Type III (USOC - GOV3X)

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between a customer designated location and an end user's premises. Special Access is conditioned as follows: G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the customer designated location to the end user's premises shall be the same as Voice Grade Secure Communications Type I Special Access without additional conditioning; and from the end user's premises to the customer designated location shall be the same as Voice Grade Secure Communications Type I Special Access with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

### 11. SPECIAL FEDERAL GOVERNMENT FSA (Cont'd)

#### 11.8 FSA Offerings to the Federal Government (Cont'd)

#### 11.8.1 Type and Description (Cont'd)

#### (A) Voiceband Special Access (Cont'd)

#### (4) Voice Grade Secure Communications Type IV (USOC - GOV4X)

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operations for two-point secure communications between two customer designated locations. Special Access is conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I Special Access with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

#### (B) Special Wideband Digital Special Access

Special Access arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type I (USOC - GW1++)

For transmission at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II (USOC - GW2++)

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III (USOC - GW3++)

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of 20 microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

- (C) (Reserved for Future Use)
- (D) (Reserved for Future Use)

## 11.8.2 <u>Mileage Application</u>

Mileage for rate application is the airline distance measured between the two related Special Access terminating points (i.e., customer designated location and end user premises).

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## 11. SPECIAL FEDERAL GOVERNMENT FSA (Cont'd)

## 11.8 FSA Offerings to the Federal Government (Cont'd)

#### 11.8.3 Rates and Charges

Notification will be made to the FCC that Special Federal Government FSA will be provided in accordance with Special Permission No. 83-867.

## (A) Voiceband Special Access

The provision of T-3 and G conditioned Special Access contemplates station and tandem switching operations using customer provided equipment, as well as Special Access. Separate narrowband or voice grade Special Access, where required by the customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

Voice Grade Secure Monthly Nonrecurring Termination Communications Rates Charges Charges

Type I, each (USOC - GCA++)

T-3 Conditioning ICB rates and charges apply

Additional Conditioning,

per Special Access termination ICB rates and charges apply

Type II, each (USOC - GCB++)

G-1 Conditioning ICB rates and charges apply

Type III, each (USOC - GCC++)

G-2 Conditioning ICB rates and charges apply

Additional Conditioning,

per Special Access termination ICB rates and charges apply

Type IV, each (USOC - GCD++)

G-3 Conditioning ICB rates and charges apply

Additional Conditioning,

per Special Access termination ICB rates and charges apply

# (B) Special Wideband Digital Special Access

Wideband Secure Monthly Nonrecurring Termination Communications Rates Charges Charges

Type I, each (USOC - GW1++) ICB rates and charges apply

Type II, each (USOC - GW2++) ICB rates and charges apply

Type III, each (USOC - GW3++) ICB rates and charges apply

#### 11. SPECIAL FEDERAL GOVERNMENT FSA (Cont'd)

# 11.8 FSA Offerings to the Federal Government (Cont'd)

- 11.8.3 Rates and Charges (Cont'd)
  - (C) (Reserved for Future Use)
  - (D) Move Charges

When a Special Access requiring T-3 conditioning, T-3 additional conditioning, or a Special Access requiring G conditioning as set forth in (A) preceding, is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.

When any FSA for which a termination charge is specified is moved and is installed at a new location the customer may elect:

- (1) to pay the unexpired portion of the termination charge for the FSA, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such FSA at the new location, or
- (2) to continue the FSA subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such FSA, provided that the customer requests these charges be quoted prior to ordering the FSA move. Charges for moving such FSA will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of FSA necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, taxes, and any other specific items of cost directly attributable to the move.

- (E) (Reserved for Future Use)
- (F) (Reserved for Future Use)
- (G) High Capacity DS1 Service

For Special Federal Government access arrangements, High Capacity DS1 SALs will be rated as set forth in Section 5 and/or Section 11.8.3(C) but will be offered with clear channel capability as a nonchargeable option. Clear channel capability is described in 5.8.5.

(H) (Reserved for Future Use)

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## 12. Carrier Common Line Access Service

This Section of the NM State Access Service Tariff Section # 12 has been replaced in its entirety with the current Valor/Windstream FCC No. 1, Carrier Common Line Tariff, Section # 3 entitled Carrier Common Line Access Services and the applicable Common Line Access Service portions of the FCC No. 1, Section #20, entitled Rates and Charges as mandated per the New Mexico Public Regulation Commission's Access Charge Reform Case No. 05-00211-UT. The Telephone Company will provide Carrier Common Line Access Service to customers in conjunction with Switched Access Service provided in Section 4of this tariff or the appropriate Switched Access Service section of other Access Service tariffs.

## 12.1 General Description

Carrier Common Line Access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish Interstate Communications.

Premium Access is (1) Switched Access Service provided to customers under this tariff which furnish interstate MTS/WATS, and (2) Switched Access Service in an end office converted to equal access.

Non-Premium Access is Switched Access Service provided in an end office not yet converted to equal access to customers that do not furnish interstate MTS/WATS.

## 12.2 Limitations

# 12.2.1 <u>Exclusions</u>

Neither a telephone number nor detail billing is 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.

## 12.2.2 Access Groups

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

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

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## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.2 <u>Limitations</u> (Cont'd)

## 12.2.3 WATS Access Lines

Where Switched Access Services are connected with Special Access Services at Telephone Company Designated WATS Serving Offices for the provision of WATS or WATS-type Services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges with the following exception. Carrier Common Line Access per minute charges shall apply when Feature Group A or Feature Group B switched access is ordered from a non- equal access telephone company office that does not have measurement capabilities and the assumed average access minutes, as set forth in the exchange carrier's access tariff, are used.

## 12.3 <u>Undertaking of the Telephone Company</u>

## 12.3.1 Provision of Service

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

# 12.3.2 <u>Interstate and Intrastate Use</u>

The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rates and charges as set forth in this section of the tariff following apply to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in 12.7.4 following (Percent Interstate Use - PIU).

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

# 12.4 Obligations of the Customer

#### 12.4.1 Switched Access Service Requirement

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

## 12.4.2 Supervision

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

## 12.5 <u>Determination of Usage Subject to Carrier Common Line Access Charges</u>

Except as set forth herein, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.

## 12.5.1 Determination of Jurisdiction

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for interstate will be determined as set forth in 12.7.4 following (Percent Interstate Use-PIU).

## 12.5.2 Cases Involving Usage Recording By the Customer

Where Feature Group C end office switching is provided without Telephone Company recording and the customer records minutes of use used to determine Carrier Common Line Access charges (i.e., Feature Group C 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.

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.5 <u>Determination of Usage Subject to Carrier Common Line Access Charges</u> (Cont'd)

## 12.5.3 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 Special Access service, Switched Access Service Rates and Regulations, as set forth in this section of the tariff following will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line Access rates and charges as set forth in this section of the tariff following apply in accordance with the resale rate regulations as set forth in 12.6.4 following.

## 12.6 Resold Services

## 12.6.1 Scope

Where the customer is reselling MTS and/or 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 Feature Group A, Feature Group B or Feature Group D Switched Access Service under this tariff as set forth in Section 4. following 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 Access charges applied as set forth in this section of the tariff following in accordance with the resale rate regulations set forth in 12.6.4 following. For purposes of administering this provision:

Resold interstate terminating MTS and 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; and shall not include intrastate minutes of use.

Resold interstate originating MTS and MTS-type service(s) shall not include collect, third number, credit card or intrastate minutes of use.

# 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.6 Resold Services (Cont'd)

## 12.6.2 Customer Obligations Concerning the Resale of MTS and MTS-type Services

When the customer is reselling MTS and/or MTS-type service as set forth in 12.6.1 preceding, the customer will be charged Carrier Common Line Access charges in accordance with the resale rate regulations as set forth in 12.6.4 following if the customer or the provider of the MTS service furnishes documentation of the MTS usage and/or the customer furnishes documentation of the MTS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS-type services.

The monthly period used to determine the minutes of use for resold MTS and/or 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 and/or 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 is delivered to the Telephone Company by the customer.

# 12.6.3 Resale Documentation Provided By the Customer

When the customer utilizes Switched Access Service as set forth in 12.6.2 preceeding, the Telephone Company may request a certified copy of the customer's resold MTS or MTS-type usage billing from either the customer or the provider of the MTS or MTS-type service. Requests for billing will relate back no more than 12 months prior to the current billing period.

# 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.6 Resold Services (Cont'd)

## 12.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services

When the customer is provided an access group to be used in conjunction with the resale of MTS and/or MTS-type services as set forth in 12.6.1 preceding, subject to the limitations as set forth in 12.2 preceding, and the billing entity receives the usage information required as set forth in 12.6.2 preceding, to calculate the adjustment of Carrier Common Line Access charges, the customer will be billed as set forth in (D), (E) or (F) following, depending upon, respectively, whether the usage is from nonequal access offices, equal access offices or a combination of the two.

## (A) 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 and/or MTS-type services, the resold minutes of use will be apportioned as follows:

## (1) Originating Services

The Telephone Company will apportion the resold originating MTS and/or 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 and/or MTS-type services minutes shall be only those attributable to interstate originating MTS and/or MTS-type minutes and shall not include collect, third number, credit card or intrastate minutes of use.

The resale credit adjustment shall apply for resold originating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

- 12. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 12.6 Resold Services (Cont'd)
    - 12.6.4 <u>Rate Regulations Concerning the Resale of MTS and MTS- type Services</u> (Cont'd)
      - (A) <u>Apportionment and Adjustment of Resold Minutes of Use</u> (Cont'd)
        - (2) <u>Terminating Services</u>

The Telephone Company will apportion the resold terminating MTS and/or 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 and/or MTS-type services minutes shall be only those attributable to interstate terminating MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and shall not include intrastate minutes of use or MTS/MTS-type minutes of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

# (B) <u>Same State/Telephone Company/Exchange Limitation</u>

In order for the rate regulations to apply as set forth in (D), (E) or (F) following, the access groups and the resold MTS and/or 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.

- 12. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 12.6 Resold Services (Cont'd)
    - 12.6.4 Rate Regulations Concerning the Resale of MTS and MTS- type Services (Cont'd)
      - (C) Direct and Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS and/or MTS-type services must be connected either directly or indirectly to the customer designated premises at which the resold MTS and/or MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS and/or 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 and/or 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 and/or MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS and/or 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 and/or MTS-type services to access groups.

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.6 Resold Services (Cont'd)

## 12.6.4 Rate Regulations Concerning the Resale of MTS and MTS- type Services (Cont'd)

## (D) Access Groups - Non Equal Access Offices Only

The adjustments as set forth here and in (E) and (F) following will be computed separately for each access group.

When all the usage on an access group originates from and/or terminates at end offices that have not been converted to equal access, the Non Premium Access Charge per minute as set forth in this section of the tariff following will apply. The Access Minutes which will be subject to Carrier Common Line Access charges will be the adjusted originating interstate access minutes plus the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

## (E) Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and/or terminates at end offices that have been converted to equal access, the Premium Access Charge per minute as set forth in this section of the tariff following will apply. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes and the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth in (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

- 12. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 12.6 Resold Services (Cont'd)
    - 12.6.4 Rate Regulations for the Resale of MTS and MTS-type Services (Cont'd)
      - (F) Access Groups Non-Equal Access and Equal Access Offices

When an access group has usage that originates from and/or terminates at both end offices that have been converted to equal access and end offices that have not been converted, both premium and non premium per minute charges as set forth in this section of the tariff following will apply respectively. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes plus the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth in (A)(1) preceeding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

The adjusted originating access minutes and the adjusted terminating access minutes will be apportioned between premium and non premium access minutes using end-office specific usage data when available, or when usage data are not available, the premium and non premium ratios developed as set forth in 6.4.1(C)(4) following. The Premium and Non Premium per minute charges set forth in this section of the tariff following will apply to the respective premium and non-premium access minutes determined in this manner.

# 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.6 Resold Services (Cont'd)

## 12.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

## (G) When the Adjustment Will Be Applied to Customer Bills

The adjustment as set forth in (D), (E) and (F) preceeding 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.

# (H) Conversion of Billed Usage to Minutes

When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or 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.

# (I) Percent Interstate Use (PIU)

The adjustment as set forth in (D), (E) and (F) preceeding will be made to the involved customer account after making the adjustments to the customer account as set forth in 12.7.4 following (PIU).

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

# 12.7 Rate Regulations

## 12.7.1 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 12.7.5 following (Determination of Premium and Non-Premium Charges) except as set forth in 12.6.4 preceding (Resale) and 12.7.4 following (PIU).

## 12.7.2 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 12.7.3 following (Unmeasured FGA and B Usage) and Feature Group C 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 12.7.3 following (Unmeasured FGA and B Usage), will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line-by-line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.7 Rate Regulations (Cont'd)

## 12.7.3 Unmeasured Feature Group A and B Usage

When Carrier Common Line Access is provided in association with Feature Group A or Feature Group B Switched Access Service in Telephone Company offices that are not equipped for measurement capabilities, assumed average interstate access minutes will be used to determine Carrier Common Line Access charges. These assumed access minutes are as set forth in the exchange carriers' access tariffs.

## 12.7.4 Percent Interstate Use (PIU)

When the customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only to interstate Switched Access Service access minutes based on the data reported by the customer as set forth in 2 preceding (Jurisdictional Reports), except where the Telephone Company is billing according to actuals by jurisdiction. Interstate Switched Access Service access minutes will, after adjustment as set forth in 12.6.4 preceding (Resale), when necessary, be used to determine Carrier Common Line Charges as set forth in 12.7.5 following.

## 12. <u>Carrier Common Line Access Service</u> (Cont'd)

## 12.7 Rate Regulations (Cont'd)

## 12.7.5 Determination of Premium and Non-Premium Charges

After the adjustments as set forth in 12.6.4 and 12.7.4 preceding have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

- (A) Access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in this section of the tariff following.
- (B) Access minutes for all non-premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Non-Premium Access per minute rate as set forth in this section of the tariff following.
- (C) Access minutes for all FGB Access Services with an Abbreviated Dialing Arrangement (ADA) subject to Carrier Common Line Charges will be multiplied by the Premium Access per minute rate as set forth in this section of the tariff following. In non-equal end offices, the result is then multiplied by the ADA rate factor as set forth in this section of the tariff following.
- (D) Carrier Common Line charges shall not be reduced as set forth in 12.6.1 preceding unless Switched Access Charges, as set forth in Section 4 proceeding, are applied to the customer's Switched Access Services.

- 12. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 12.7 Rate Regulations (Cont'd)
    - 12.7.5 Determination of Premium and Non-Premium Charges (Cont'd)
      - ((E) Terminating Premium Access or Non-Premium Access, per minute charge(s) apply to:
        - all terminating access minutes of use;
          - -- less those terminating access minutes of use associated with Wireless Switching Centers (WSCs).
        - 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 700, 800 series and 900 numbers, less those originating access minutes of use associated with calls placed to 700, 800 series and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

When the customer makes this report available to the Telephone Company in advance of billing, these minutes of use will be charged on the current bill as originating minutes of use as set forth in (F) following. If a billing dispute arises concerning the customer provided report, the Telephone Company will request the customer to provide the data the customer 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 request.

When this report is not available to the Telephone Company until after billing, it shall be used by the Telephone Company to calculate and post a credit to the customer's account. The credit shall be posted to the customer's account within 30 days of receipt of the report. The credit shall be calculated by multiplying the number of access minutes of use, for which a credit is determined to be applicable, times the difference between the terminating and originating Carrier Common Line charges in effect when the calls were completed.

# 12. <u>Carrier Common Line Access Service</u> (Cont'd)

# 12.7 Rate Regulations (Cont'd)

## 12.7.5 Determination of Premium and Non-Premium Charges (Cont'd)

- (F) The originating Premium Access or Non-Premium Access, 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 700, 800 and 900 numbers;
    - less those originating access minutes of use associated with Wireless Switching Centers (WSCs).
    - -- plus all originating access minutes of use associated with calls placed to 700, 800 series and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (E) preceding.

## 12.8 <u>Carrier Common Line Access Service - Rate and Charges</u>

Non-Premium Access	Monthly Rate
Terminating Per Access Minute	\$0.000000
Originating Per Access Minute	\$0.000000
Premium Access	
Terminating Per Access Minute	\$0.000000
Originating Per Access Minute	\$0.0000000

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13. (Reserved for Future Use)

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## 14. EXCEPTIONS TO FSA OFFERINGS

## 14.1 General

The FSA/Services offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following FSA Services are not offered in New Mexico.

14.1.1 (Reserved for Future Use) 14.1.2 (Reserved for Future Use) 14.1.3 (Reserved for Future Use) 14.1.4 (Reserved for Future Use) 14.1.5 (Reserved for Future Use) 14.1.6 Special Access - Temporary Videoband Services 14.1.7 (Reserved for Future Use) 14.1.8 (Reserved for Future Use) 14.1.9 (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 Service Provisioning

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 Bill Period Coin Revenue

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 Total Customer Coin Revenue

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.

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#### 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. <u>ADVANCED COMMUNICATIONS NETWORKS</u>

- 16.1 Reserved for Future Use
- 16.2 Reserved for Future Use

#### 16. ADVANCED COMMUNICATIONS NETWORKS

#### 16.3 Frame Relay Service

#### 16.3.1 Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds from 56/64 Kbps to 45 Mbps using Permanent Virtual Circuits (PVCs). Clear channel capability will be provided upon request and where deemed applicable by WINDSTREAM.

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 over a single access line, 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.

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) standards.

Frame Relay Service will be offered in the following exchanges:

Abiquiu Oio Caliente Espanola Carlsbad **Eunice** Tierra Amarillo Chama Truchas Hobbs Chimayo Jal Vallecitos Dixon Velarde Loving Dulce Lovington

El Rito

### 16.3.2 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.

#### 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

#### 16.3 <u>Frame Relay Service</u> (Continued)

#### 16.3.2 Service Provisioning (Continued)

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, Frame Relay UNI Port Only, Frame Relay Network-to-Network (NNI) Private Port Only, Frame Relay Network-to-Network (NNI) Public Access based on Committed Information Rate (CIR) and CIR-based Permanent Virtual Circuits. 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 and where pre-established by the Telephone Company. The Frame Relay UNI and NNI Port Only is provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5.

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 bandwidths in use at the same time on the same port cannot exceed the port speed. Since all PVCs need not be in use at the same time, it is possible for the total bandwidth of all CIR-PVCs associated with one Frame Relay Access Line to exceed the bandwidth of that Frame Relay Access Line. This relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that PVC will be available at any point in time.

No PVC can have a Committed Information Rate (CIR) greater than the lower of the two port speeds connected by PVC segments.

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 customer may request data transmission capability to another customer. Both customers must have a Frame Relay Access Line and Frame Relay Port. The Controller of each Frame Relay Access Line must have written permission from the Controller(s) of each of the Frame Relay Access Lines to which a PVC is requested.

The Frame Relay Port and PVC may be ordered and billed independently and can have different customers as Controllers.

## 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

## 16.3 <u>Frame Relay Service</u> (Continued)

16.3.2 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.

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take Frame Relay out of service, during Company designated maintenance hours between 12:01 a.m. - 6:00 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 Company reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

The Committed Information Rate (CIR) and Maximum Burst Size are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

# 16.3.3 Obligations of the Telephone Company

In addition to the general conditions described in Section 2, when a customer orders a PVC which is relayed to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing this PVC.

The Telephone Company has the service responsibility up to and including the network interface.

## 16.3.4 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.
- It shall be the responsibility of the customer to ensure the continuing compatibility
  of the customer-provided 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.

## 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

#### 16.3 Frame Relay Service (Continued)

#### 16.3.4 Obligations of the Customer (Continued)

At service subscription, the customer should specify the Committed Information Rate (CIR) and the maximum burst rate (Be+CIR) of 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. A default of fifty (50) percent of the smallest port size will be assigned as the CIR should the information not be provided. One hundred percent CIR will be allowed when conditions and infrastructure permit. The burst rate will be defaulted to equal CIR (i.e., Be = 0).

Error correction is the responsibility of the customer's Frame Relay terminal equipment. When the FRS network is congested, customer data that exceeds the CIR ordered at service subscription may be discarded. The FRS nodes will discard frames with errors.

### 16.3.5 Rate Regulations

#### (A) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under a Optional Payment Plan (OPP) arrangement. The regulations applicable to Frame Relay Service provided under an OPP arrangement are specified under 16.3.5(D). CIR based PVCs and Public NNI Access are not offered under an OPP.

When CIR-PVCs are added to existing Frame Relay Service, the minimum period for the added CIR-PVCs is one month.

#### (B) Rate Elements

### (1) 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 DS1), apply per port for each physical connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs.

## 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 Frame Relay Service (Continued)

#### 16.3.5 Rate Regulations (Continued)

#### (B) Rate Elements (Continued)

#### (2) Frame Relay UNI Port Only

The User-to-Network Interface (UNI) port provides for an end user to carrier connection. A nonrecurring charge and monthly rate, based on the speed of the port connection, apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. The digital private line connection can be provided via a special access line and special transport to the nearest Telephone Company capable serving wire center, if applicable. Special access line and special transport are offered in Section 5.

## (3) Frame Relay Private NNI Port Only

The Private Network-to-Network Interface (NNI) port provides for connecting two networks together for Frame Relay Service, which is dedicated to one customer. A nonrecurring charge and monthly rate, based on the speed of the port connection, apply per port for each digital private line connection to the network supporting Frame Relay Service. The digital private line connection can be provided via a special access line and special transport, if applicable, offered in Section 5.

## (4) Frame Relay Public NNI Access

The Public Network-to-Network (NNI) access connections are shared among several customers, whose data traffic traverse the link. The monthly rate is applied based on the CIR requested by the customer. Public NNI Access will be provisioned where facilities and conditions permit and where preestablished.

# (5) Frame Relay CIR-PVC

A CIR-PVC must be purchased to connect two ports together. However, for CIR based PVCs and Public NNI access, the monthly rate is applied based on the CIR requested by the customer, and there is no nonrecurring charge.

Customers may purchase Express PVC-1 or Express PVC-2 to prioritize PVCs at a higher rate and in lieu of CIR-PVCs. Express PVC will help ensure maximum performance and satisfaction for applications such as voice over Frame Relay. The above CIR conditions apply to Express PVC.

### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

#### 16.3 Frame Relay Service (Continued)

#### 16.3.5 Rate Regulations (Continued)

- (B) Rate Elements (Continued)
  - (6) Subsequent Order Charge

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 Subsequent Order Charge shall apply per order.

(7) Maximum Burst Size B(e).

For port size of 256 Kbps or higher, a burst size monthly recurring charge may be applicable. B(e) is uncommitted data.

(C) 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. Special transport to the nearest Frame Relay capable switch will also be applicable, if a special access line is utilized.

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 16.3.6(A) for standard arrangements. The UNI Port provides for a user to carrier connection; the NNI Port provides for a carrier to carrier connection.

The Frame Relay Access Line and PVC may be ordered and billed independently and can have different Controllers, as discussed under 16.3.2. 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.

- (D) Optional Payment Plan (OPP)
  - (1) General
    - (a) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.
    - (b) The Frame Relay UNI Port with Access Line, Frame Relay UNI Port Only and the Frame Relay Private NNI Port Only, rate elements are available under an OPP. Digital special access lines and additional features are available at their tariffed rates and regulations.

#### 16. <u>ADVANCED COMMUNICATIONS NETWORK</u> (Continued)

#### 16.3 Frame Relay Service (Continued)

#### 16.3.5 Rate Regulations (Continued)

- (D) Optional Payment Plan (OPP) (Continued)
  - (1) General (Continued)
    - (c) Frame Relay OPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.
    - (d) 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.
    - (e) Payment periods of one year, three years, and five years are available to all customers at the applicable rates set forth in 16.3.6(B) regardless of when they subscribe to an OPP arrangement.
    - (f) The customer must designate on the order the payment period for the OPP.
    - (g) Inside moves, will not incur termination liability charges.
    - (h) Outside moves that will not result in a change of address and/or will not involve termination at a different building, 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.
    - (2) 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 discontinuance of the existing OPP service and termination liability charges apply.
- (3) Renewal Options
  - (a) 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.

#### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

#### 16.3 Frame Relay Service (Continued)

#### 16.3.5 Rate Regulations (Continued)

- (D) Optional Payment Plan (OPP) (Continued)
  - (b) Conversion to a different OPP period will require the customer to submit a change order. Conversion to a different OPP period will be allowed without application of any nonrecurring or ordering charges.
  - (c) 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.

#### (4) Notification of Discontinuance

An order for discontinuance of an OPP arrangement must be submitted in writing and 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.

#### (5) 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:

- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) and is provided by the Telephone Company.
- Nonrecurring charges will not apply to the upgraded Port or Port and Access Line.
- Nonrecurring charges will apply to all State Access facilities as set forth in Section 5.6.4.

#### (6) Termination Liability

When an 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.

Termination charges for Frame Relay Service (Port Only or Port Access) will also be applicable if the minimal amount defined in the contract is not retained. Charges are set forth below with the penalty assessed for each service that falls below the minimum number.

- 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.

#### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

#### 16.3 Frame Relay Service (Continued)

#### 16.3.5 Rate Regulations (Continued)

- (D) Optional Payment Plan (OPP) (Continued)
  - 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 20% of the total monthly recurring charges in that time period for the in-service quantity.
  - (7) Termination Without Liability

During an 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.

(8) Credit of Termination Liability

Credit of termination liability charges for Frame Relay services may be applicable in the case of re-establishment of similar Frame Relay service of equal to or higher speeds within six months of termination for the same length of the OPP. The amount of credit will be one-sixth of the penalty times the number of months service is re-established until the sixth month.

### 16. <u>ADVANCE COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 Frame Relay Service (Continued)

# 16.3.6 Rates and Charges (Continued)

# (A) Standard Arrangements

### (1) Frame Relay UNI Port and Access Line, each

Nonrecurring Monthly	1000	11000							
<u>Charge</u> <u>IOSC</u> <u>Rate</u>	<u>IOSC</u>	<u>USOC</u>							
(a) 56/64 Kbps \$ 295.00 14285 \$ 110.00	14269	FP8							
(b) 128 Kbps 395.00 14203 200.00	14221	FP8							
(c) 256 Kbps 395.00 14203 280.00	14237	FP8							
(d) 384 Kbps 395.00 14203 365.00	14253	FP8							
(e) DS1 Facility 395.00 14220 530.00	14204	FP8							
(2) Frame Relay UNI Port Only, each*									
(a) 56/64 Kbps 80.00 14302 45.00	14145	FP9							
(b) 128 Kbps 150.00 14299 80.00	14149	FP9							
(c) 256 Kbps 150.00 14299 115.00	14153	FP9							
(d) 384 Kbps 150.00 14299 160.00	14157	FP9							
(e) DS1 Facility 395.00 14301 300.00	14161	FP9							
(f) DS3 Facility 395.00 15464 1,180.00	15460	FP9							
(i) D33 i admity 393.00 13404 1,100.00	13400	113							
(3) Frame Relay Private NNI Port Only, each*									
(a) 56/64 Kbps 55.00 54285 30.00	54286	NN7							
(b) 128 Kbps 95.00 54290 45.00	54291	NN7							
(c) 256 Kbps 95.00 54290 65.00	54295	NN7							
(d) 384 Kbps 95.00 54290 78.00	54299	NN7							
(e) DS1 Facility 295.00 54303 180.00	54304	NN7							
(f) DS3 Facility 595.00 54308 800.00	54309	NN7							

<sup>\*</sup> Refer to Section 5 for the appropriate rates for Special Access components.

# 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

# 16.3 <u>Frame Relay Service</u> (Continued)

### 16.3.6 Rates and Charges (Continued)

### (A) Standard Arrangements (Continued)

# (4) Frame Relay Public NNI, based on CIR

	Nonrecurring <u>Charge</u>	<u>IOSC</u>	Monthly <u>Rate</u>	<u>IOSC</u>	<u>USOC</u>
(a) 1 - 32 Kbps (b) 32 - 64 Kbps	\$ 20.00 20.00	54263 54263	\$ 20.00 25.00	54264 54265	N/A N/A
(b) 32 - 64 Kbps (c) 65 - 96 Kbps	20.00	54263	30.00	54265 54266	N/A N/A
(d) 97 - 128 Kbps	20.00	54263	35.00	54267	N/A
(e) 129 - 192 Kbps	20.00	54263	40.00	54268	N/A
(f) 193 - 256 Kbps	20.00	54263	50.00	54269	N/A
(g) 257 - 320 Kbps	20.00	54263	55.00	54270	N/A
(h) 321 - 384 Kbps	20.00	54263	60.00	54271	N/A
(i) 385 - 512 Kbps	20.00	54263	70.00	54272	N/A
(j) 513 - 768 Kbps	20.00	54263	80.00	54273	N/A
(k) 769 - 1,152 Kbps	20.00	54263	90.00	54274	N/A
(I) 1,153 - 1,536 Kbps	20.00	54263	105.00	54275	N/A
(m) 1,537 - 4,000 Kbps	20.00	54263	135.00	54276	N/A
(n) 4,001 - 10,000 Kbps	20.00	54263	290.00	54277	N/A
(o) 10,001 - 15,000 Kbps	20.00	54263	410.00	54278	N/A
(p) 15,000 - 20,000 Kbps	20.00	54263	510.00	54279	N/A
(q) 20,001 - 25,000 Kbps	20.00	54263	610.00	54280	N/A
(r) 25,001 - 30,000 Kbps	20.00	54263	700.00	54281	N/A
(s) 30,001 - 35,000 Kbps	20.00	54263	775.00	54282	N/A
(t) 35,001 - 40,000 Kbps	20.00	54263	875.00	54283	N/A
(u) 40,001 - 45,000 Kbps	20.00	54263	975.00	54284	N/A

# 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 <u>Frame Relay Service</u> (Continued)

# 16.3.6 Rates and Charges (Continued)

# (A) Standard Arrangements (Continued)

### (5) Committed Information Rate (CIR)-based permanent Virtual Circuits, each

	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>	<u>IOSC</u>	USOC
(a) 1 - 32 Kbps	-	\$ 8.00	54200	CORUK
(b) 33 - 64 Kbps	-	15.00	54201	CORUL
(c) 65 - 96 Kbps	-	22.00	54202	CORUM
(d) 97 - 128 Kbps	-	27.00	54203	CORUN
(e) 129 - 192 Kbps	-	36.00	54204	CORUO
(f) 193 - 256 Kbps	-	42.00	54205	CORUP
(g) 257 - 320 Kbps	-	48.00	54206	CORUQ
(h) 321 - 384 Kbps	-	54.00	54207	CORUR
(i) 385 - 512 Kbps	-	60.00	54208	CORUS
(j) 513 - 768 Kbps	-	70.00	54220	CORUT
(k 769 - 1,152 Kbps	-	80.00	54209	CORUU
(I) 1,153 - 1,536 Kbps	-	90.00	54210	CORUV
(m) 1,537 - 4,000 Kbps	-	120.00	54211	CORUA
(n) 4,001 - 10,000 Kbps	-	250.00	54212	CORUB
(o) 10,001 - 15,000 Kbps	-	330.00	54213	CORUC
(p) 15,001 - 20,000 Kbps	-	410.00	54214	CORUD
(q) 20,001 - 25,000 Kbps	-	490.00	54215	CORUE
(r) 25,001 - 30,000 Kbps	-	570.00	54216	CORUF
(s) 30,001 - 35,000 Kbps	-	650.00	54217	COURG
(t) 35,001 - 40,000 Kbps	-	730.00	54218	CORUH
(u) 40,001 - 45,000 Kbps	-	800.00	54219	CORUJ
(6) Burst Size B(e)	-	2.00	54313	BTZAX
250 Kbps 1 Mbps	-	5.00	54314	BTZBX
(7) Subsequent Order				
Charge [CIR, B(e)]	\$20.00	-	54315	NRBFT

ISSUED: September 22, 2006 EFFECTIVE: October 2, 2006

Vice President 4001 Rodney Parham Road Little Rock, AR 72212

# 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 Frame Relay Service (Continued)

### 16.3.6 Rates and Charges (Continued)

# (A) Standard Arrangements (Continued)

### (5) Committed Information Rate (CIR)-based permanent Virtual Circuits, each

	Nonrecurring <u>Charge</u>	EXPVC-1 Monthly <u>Rate</u>	<u>IOSC</u>	EXPVC-2 Monthly <u>Rate</u>	<u>IOSC</u>	<u>USOC</u>
(a) 1 - 32 Kbps	-	\$ 10.00	54221	\$ 8.80	54242	CORUK
(b) 33 - 64 Kbps	-	18.75	54222	16.50	54243	CORUL
(c) 65 - 96 Kbps	-	27.50	54223	24.20	54244	CORUM
(d) 97 - 128 Kbps	-	33.75	54224	29.70	54245	CORUN
(e) 129 - 192 Kbps	-	45.00	54225	39.60	54246	CORUO
(f) 193 - 256 Kbps	-	52.50	54226	46.20	54247	CORUP
(g) 257 - 320 Kbps	-	60.00	54227	52.80	54248	CORUQ
(h) 321 - 384 Kbps	-	67.50	54228	59.40	54249	CORUR
(i) 385 - 512 Kbps	-	75.00	54229	66.00	54250	CORUS
(j) 513 - 768 Kbps	-	87.50	54230	77.00	54251	CORUT
(k) 769 - 1,152 Kbps	-	100.00	54231	88.00	54252	CORUU
(I) 1,153 - 1,536 Kbps	-	112.50	54232	99.00	54253	CORUV
(m) 1,537 - 4,000 Kbps	-	150.00	54233	132.00	54254	CORUA
(n) 4,001 - 10,000 Kbps	-	312.50	54234	275.00	54255	CORUB
(o) 10,001 - 15,000 Kbps	-	412.50	54235	363.00	54256	CORUC
(p) 15,001 - 20,000 Kbps	-	512.50	54236	451.00	54257	CORUD
(q) 20,001 - 25,000 Kbps	-	612.50	54237	539.00	54258	CORUE
(r) 25,001 - 30,000 Kbps	-	712.50	54238	627.00	54259	CORUF
(s) 30,001 - 35,000 Kbps	-	812.50	54239	715.00	54260	COURG
(t) 35,001 - 40,000 Kbps	-	912.50	54240	803.00	54261	CORUH
(u) 40,001 - 45,000 Kbps	-	1,000.00	54241	880.00	54262	CORUJ

### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 Frame Relay Service (Continued)

# 16.3.6 Rates and Charges (Continued)

# (B) Optional Payment Plan (OPP)

### (1) Frame Relay UNI Port and Access Line, each

		Nonrecurring		One Year Monthly		
		<u>Charge</u>	<u>IOSC</u>	<u>Rate</u>	<u>IOSC</u>	<u>USOC</u>
(a)	56/64 Kbps	\$295.00	14285	\$105.00	14274	FP8
(b)	128 Kbps	395.00	14203	180.00	14226	FP8
(c)	256 Kbps	395.00	14203	250.00	14242	FP8
(d)	384 Kbps	395.00	14203	345.00	14258	FP8
(e)	DS1 Facility	395.00	14220	510.00	14209	FP8
	(2)	Frame Relay UNI Po	ort Only, each*			
(a)	56/64 Kbps	80.00	14302	43.00	14146	FP9
(b)	128 Kbps	150.00	14299	75.00	14150	FP9
(c)	256 Kbps	150.00	14299	110.00	14154	FP9
(d)	384 Kbps	150.00	14299	150.00	14158	FP9
(e)	DS1 Facility	395.00	14301	285.00	14162	FP9
(f)	DS3 Facility	395.00	15464	1,140.00	15461	FP9
	(3)	Frame Relay Private	NNI Port Only	, each*		
(a)	56/64 Kbps	55.00	54285	27.00	54287	NN7
(b)	128 Kbps	95.00	54290	40.00	54292	NN7
(c)	256 Kbps	95.00	54290	60.00	54296	NN7
(d)	384 Kbps	95.00	54290	75.00	54300	NN7
(e)	DS1 Facility	295.00	54303	170.00	54305	NN7
(f)	DS3 Facility	595.00	54308	750.00	54310	NN7
` '	,					

<sup>\*</sup> Refer to Section 5 for the appropriate rates for Special Access components.

### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.3 Frame Relay Service (Continued)

# 16.3.6 Rates and Charges (Continued)

# (B) Optional Payment Plan (OPP)

### (1) Frame Relay UNI Port and Access Line, each (Continued)

		Nonrecurring	Three Year Monthly		Five Year Monthly				
		<u>Charge</u>	Rate	<u>IOSC</u>	<u>Rate</u>	<u>IOSC</u>	<u>USOC</u>		
(a)	56/64 Kbps	\$ 295.00	\$ 95.00	14279	\$ 85.00	14280	FP8		
(b)	128 Kbps	395.00	165.00	14231	160.00	14232	FP8		
(c)	256 Kbps	395.00	235.00	14247	220.00	14248	FP8		
(d)	385 Kbps	395.00	335.00	14263	320.00	14264	FP8		
(e)	DS1 Facility	395.00	490.00	14214	470.00	14215	FP8		
(2) Frame Relay UNI Port Only, each*									
(a)	56/64 Kbps	\$ 80.00	\$ 41.00	14147	\$ 38.00	14148	FP9		
(b)	128 Kbps	150.00	70.00	14151	68.00	14152	FP9		
(c)	256 Kbps	150.00	105.00	14155	100.00	14156	FP9		
(d)	385 Kbps	150.00	140.00	14159	130.00	14160	FP9		
(e)	DS1 Facility	395.00	265.00	14163	245.00	14164	FP9		
(f)	DS3 Facility	395.00	1,090.00	15462	1,050.00	15463	FP9		
(3) Frame Relay Private NNI Port Only, each*									
(a)	56/64 Kbps	\$ 55.00	\$ 23.00	15288	20.00	54289	NN7		
(b)	128 Kbps	95.00	35.00	54293	30.00	54294	NN7		
(c)	256 Kbps	95.00	55.00	54297	50.00	54298	NN7		
(d)	385 Kbps	95.00	72.00	54301	69.00	54302	NN7		
(e)	DS1 Facility	295.00	160.00	54306	150.00	54307	NN7		
(f)	DS3 Facility	595.00	725.00	54311	700.00	54312	NN7		

<sup>\*</sup> Refer to Section 5 for the appropriate rates for Special Access components.

#### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

#### 16.4 FRACTIONAL T1 SERVICE

#### 16.4.1 <u>General</u>

Fractional T1 (FT1) Service provides a DS1 interface for use in providing simultaneous twoway transmission of isochronous bipolar serial data signals in groupings of 2, 4, or 6 channels of 56 or 64 Kilobits per second (Kbps). FT1 service at a rate of 64 Kbps will be provided only where clear channel capability is available in the network. FT1 channels are contiguous within the network and can be used to create a wideband circuit using customer-provided equipment.

#### 16.4.2 Definitions

#### Binary

Relating to a numbering system that has two values or states possible for a particular condition.

#### Bipolar

A method of transmission of digital services. The signal carrying the binary value alternates between positive and negative.

#### DS1 (Digital Signal Level 1)

The hierarchial term denotes a channel service that allows up to 1.544 Megabits per second (Mbps) of information to be sent from one point to another over a single transmission path. This service provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are stated in Section 7000 of the GTE Technical Interface Reference Manual. (Contact GTE Telephone Operations Standardization Management, P. O. Box 152092, Irving, TX 75015-2092.)

### **Isochronous**

Pertains to the timing in the digital transmission of data in which two or more sequential signals have a uniform timing relationship.

#### ADVANCED COMMUNICATIONS NETWORKS (Continued)

#### 16.4 FRACTIONAL T1 SERVICE (Continued)

#### 16.4.3 Regulations

A. Shared use of Fractional T1 and FiberConnect is not available.

#### B. <u>Fractional T1 Local Loop</u>

A Fractional T1 Local Loop provides the transmission facilities between a customer designated location (CDL) and the serving wire center.

#### C. Fractional T1 Transport

Fractional T1 (FT1) Transport provides for transmission facilities between two serving wire centers, between a serving wire center and a Telephone Company designated digital hub, or between digital hubs. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas. The monthly rate is applied per airline mile. Fractional miles are rounded up to the next whole mile. The airline mileage is determined using the V & H method as set forth in the National Exchange Carrier Association (NECA) Tariff FCC No. 4.

Fractional T1 Transport must be ordered in the same grouping as the associated FT1 Local Loop.

#### D. Fractional T1 Transport Termination

Fractional T1 Transport Termination provides the equipment and arrangements necessary to terminate the FT1 Transport facility at a serving wire center. One FT1 Transport Termination charge applies for each end of a FT1 Transport facility.

FT1 Transport Termination must be ordered in the same grouping as the associated FT1 Local Loop.

#### 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

### 16.4 FRACTIONAL T1 SERVICE (Continued)

#### 16.4.3 <u>Regulations</u> (Continued)

#### E. Optional Payment Plan

The customer may elect to participate in an Optional Payment Plan (OPP) arrangement for Fractional T1 (FT1) service. The OPP allows the customer to order FT1 service over a 12-month, 36-month, or 60-month payment period. Only the FT1 Local Loop rate element is available under an OPP. All other associated rate elements are available at the standard month-to-month rates.

A customer may change from DS1 OPP service to an FT1 OPP service subject to the following rate applications. Also, a customer may change the number of channels of a 56 Kbps or 64 Kbps service to another higher value (2, 4 or 6), subject to the following rate applications:

- The changed service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the changed service remains connected at the same point of termination.

#### (1) 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.
- 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.

#### 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

### 16.4 FRACTIONAL T1 SERVICE (Continued)

#### 16.4.3 <u>Regulations</u> (Continued)

#### E. Optional Payment Plan (Continued)

#### (2) Renewal Options

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.

Conversion to a different OPP period will be allowed without application of any nonrecurring or service ordering charges.

Conversion to month-to-month rates will be treated as a change in service.

#### (3) Early Termination Liability

When the FT1 service is disconnected prior to the end of the period, termination liability charges will apply based on the remainder of the OPP period in effect at the time of disconnect as follows:

#### 12-Month OPP

50% of any remaining portion of the first year's recurring charges.

#### 36-Month 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.

#### 60-Month 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 20% of the total monthly recurring charges in that time period.

#### 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

### 16.4 FRACTIONAL T1 SERVICE (Continued)

#### 16.4.3 <u>Regulations</u> (Continued)

### E. Optional Payment Plan (Continued)

#### (4) Early Termination Without Liability

During an OPP period, should the currently effective rate for a customer's service increase, the customer may terminate the OPP arrangement without penalty or liability.

During an OPP period, should the customer elect to migrate to a same or higher capacity service which utilizes the same facilities, no termination liability will apply to the OPP discontinuance.

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. Changes in name or ownership or transfer of responsibility from one customer to another without interruption or relocation of service will be treated as a change in service.

# 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

# 16.4 FRACTIONAL T1 SERVICE (Continued)

### 16.4.4 Rates and Charges

### Fractional T1 Local Loop

	<u>GSEC</u>	Nonrecurring <u>Charge (1)</u> (NEU4KX)	Monthly <u>Rate</u>
Month-to-Month		(1120 1101)	
2 x 56/64 Kbps	EU4JX2	\$450.00	\$105.00
4 x 56/64 Kbps	EU4JX4	450.00	112.00
6 x 56/64 Kbps	EU4JX6	450.00	120.00
12-Month Contract			
2 x 56/64 Kbps	EU4KX2-1	-0-	102.00
4 x 56/64 Kbps	EU4KX4-1	-0-	110.00
6 x 56/64 Kbps	EU4KX6-1	-0-	119.00
36-Month Contract			
2 x 56/64 Kbps	EU4KX2-3	-0-	97.00
4 x 56/64 Kbps	EU4KX4-3	-0-	106.00
6 x 56/64 Kbps	EU4KX6-3	-0-	116.00
60-Month Contract			
2 x 56/64 Kbps	EU4KX2-5	-0-	93.00
4 x 56/64 Kbps	EU4KX4-5	-0-	103.00
6 x 56/64 Kbps	EU4KX6-5	-0-	113.00

<sup>(1)</sup> In addition to the appropriate Service Order Charge in Section 5 of the New Mexico General Exchange tariff.

# 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

# 16.4 FRACTIONAL T1 SERVICE (Continued)

# 16.4.4 Rates and Charges (Continued)

	<u>GSEC</u>	Nonrecurring <u>Charge (1)</u> (NEU4KX)	Monthly <u>Rate</u>		
Fractional T1 Transport per airline mile					
2 x 56/64 Kbps	1LFSXFT1-2	-0-	\$ 7.00		
4 x 56/64 Kbps	1LFSXFT1-4	-0-	8.00		
6 x 56/64 Kbps	1LFSXFT1-6	-0-	9.00		
Fractional T1 Transport Termination per termination					
2 x 56/64 Kbps	TRGFT1-2	-0-	10.00		
4 x 56/64 Kbps	TRGFT1-4	-0-	14.00		
6 x 56/64 Kbps	TRGFT1-6	-0-	20.00		

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### 17. Access Service Interfaces and Transmission Specifications

#### General

This Section of the NM State Access Service Tariff Section # 17 has been replaced in its entirety with the current Valor/Windstream FCC No. 1 Switched Access Tariff, Section # 15 entitled Access Service Interfaces and Transmission Specifications as mandated per the New Mexico Public Regulation Commission's Access Charge Reform Case No. 05-00211-UT.

#### 17.1 Switched Access Service

Ten Interface Groups are provided for terminating the Local Transport Entrance Facility at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, and at the option of the customer, the Entrance Facility may be provided with optional features as set forth in 17.1.1 following.

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

# 17.1.1 <u>Local Transport Interface Groups</u>

Interface Groups are combinations of technical parameters which describe the Telephone Company handoff at the point of termination at the customer designated premises. The technical specifications concerning the available interface groups are set forth in (A) through (D) following.

Interface Group 1 is provided with Type C Transmission Specifications, as set forth in 17.1.2(C) following, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, as set forth respectively in 17.1.2(E) and (F) following, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups.

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# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

### 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

## (A) Interface Group 1

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

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

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

### 17. Access Service Interfaces and Transmission Specifications (Cont'd)

#### 17.1 Switched Access Service (Cont'd)

### 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

### (B) Interface Group 2

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

#### (C) Interface Groups 3 through 5

Interface Groups 3 through 5 provide analog transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the frequencies illustrated following, with the capability to channelize voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Groups are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive the transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interfaces are provided with individual transmission path SF supervisory signaling.

Interface Group Identification No.	Transmission Frequency Bandwidth	Analog <u>Hierarchy Level</u>	Channelized Voice Freq. Trans. Paths
3	60 - 108 kHz	Group	12
4	312 - 552 kHz	Supergroup	60
5	564 - 3084 kHz	Mastergroup	600

# 17. <u>Access Service Interfaces and Transmission Specifications</u> (Cont'd)

#### 17.1 Switched Access Service (Cont'd)

## 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

### (D) Interface Groups 6 through 10

Interface Groups 6 through 10 provide digital transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the nominal bit rates with the capability to channelize voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, a DS1 signal(s) in D3/D4 format.

The interfaces are provided with individual transmission path bit stream supervisory signaling.

Interface Group Identification No.	Nominal Bit Rate (Mbps)	Digital <u>Hierarchy</u> <u>Level</u>	Max. No. of Channelized Voice Freq. Trans. Paths
6	1.544	DS1	24
7	3.152	DS1C	48
8	6.312	DS2	96
9	44.736	DS3	672
10	274.176	DS4	4032

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

### 17.1 Switched Access Service (Cont'd)

### 17.1.1 Local Transport Interface Groups (Cont'd)

## (E) <u>Local Transport Optional Features</u>

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following features in association with Local Transport. An Access Order Charge as specified in Section 4 following is applicable on a per order basis when nonchargeable optional features are added subsequent to the installation of service (with the exception of the addition of 64 Clear Channel Capability to an existing service).

When the 64 Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply.

# - <u>Customer Specified Entry Switch Receive Level</u>

Customer Specified Entry Switch Receive Level allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference GR-334-CORE. This feature is available with Interface Groups 2 through 10 for Feature Groups A and B.

#### - Customer Specification of Local Transport Termination

Customer Specification of Local Transport Termination allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the first point of switching in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

### - Supervisory Signaling

Supervisory Signaling allows the customer to order an optional supervisory signaling arrangement for each transmission path provided where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability.

- 17. Access Service Interfaces and Transmission Specifications (Cont'd)
  - 17.1 <u>Switched Access Service</u> (Cont'd)
    - 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)
      - (E) Local Transport Optional Features (Cont'd)
        - 64 Clear Channel Capability

64 Clear Channel Capability allows the customer to transport voice or data signals over a 64 Kbps channel with no constraints on the quantity or sequence of ones and zero bits. This option employs the Bipolar 8 Zero Suppression (B8ZS) technique to permit customers to use the full 64 Kpbs bandwidth of a DS0 channel. It is only available in suitably equipped electronic end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. 64 Clear Channel Capability, as described in Technical Reference GR-334-CORE, is available with Interface Groups 6 and 9 for Feature Groups C and D with Signaling System 7 (SS&) signaling.

The Interface Groups, as described in (A) through (D) preceding, represent industry standard arrangements. Where transmission parameters permit, the customer may select the following optional signaling arrangements in place of the signaling arrangements standardly associated with the Interface Groups.

- For Interface Groups 1 and 2 associated with FGB, FGC or FGD

DX Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling, or E&M Type III Supervisory Signaling

- For Interface Group 2 associated with FGB, FGC or FGD and in addition to the preceding
- SF Supervisory Signaling, or Tandem Supervisory Signaling
- For Interface Groups 3 through 5

Optional Supervisory Signaling Not Available

- For Interface Groups 6 through 10
These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the first point of switching provides an analog (i.e., non-digital) interface to the transport termination.

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# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

# 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

## (E) <u>Local Transport Optional Features</u> (Cont'd)

These optional Supervisory Signaling arrangements not available in combination with the SS7 optional feature as described in Section 5 preceding.

Additionally, in (F) following, there is a matrix of available Premises Interface Codes as a function of Interface Group, Telephone Company Switch Supervisory Signaling and Feature Group.

## (F) <u>Available Premises Interface Codes</u>

Following is a matrix showing premises interface codes which are available for each Interface Group. Their availability is a function of the Telephone Company switch supervisory signaling and Feature Group.

Interface Telephone Company	Premises	<u>F</u>	eature	Grou	<u>0</u>
Group Switch Supervisory Signaling	Interface Code	Α	В	С	D
1 LO	2LS2	Χ			
LO	2LS3	Χ			
GO	2GS2	Χ			
GO	2GS3	Χ			
LO, GO	2DX3	Χ			
LO, GO	4EA3-E	Χ			
LO, GO	4EA3-M	Χ			
LO, GO	6EB3-E	Χ			
LO, GO	6EB3-M	Χ			
RV, EA, EB, EC	2DX3		X	Х	Χ
RV, EA, EB, EC	4EA3-E		X	Х	Χ
RV, EA, EB, EC	4EA3-M		X	Х	Χ
RV, EA, EB, EC	6EB3-E		X	Х	Χ
RV, EA, EB, EC	6EB3-M		X	Χ	Χ
EA, EB, EC	6EC3			Х	Χ
RV	2RV3-0		X	Х	Χ
RV	2RV3-T		X	Х	Χ
SS7	2NO2			Х	Χ
2 LO, GO	4SF2	Χ			
LO, GO	4SF3	Χ			
LO	4LS2	Χ			
LO	4LS3	Χ			
LO	6LS2	Χ			

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# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

# 17.1 <u>Switched Access Service</u> (Cont'd)

# 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

# (F) <u>Available Premises Interface Codes</u> (Cont'd)

Interface <u>Group</u> <u>Sw</u>	Telephone Company vitch Supervisory Signaling	Premises Interface Code	Fea A	ature Group B C D
2 (Cont'd)	GO GO GO LO, GO LO, GO LO, GO LO, GO LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC	4GS2 4GS3 6GS2 4DX2 4DX3 6EA2-E 6EA2-M 8EB2-E 8EB2-M 6EX2-B 4SF2 4SF3 4DX2 4DX3 6DX2 6EA2-E 6EA2-M 8EB2-E 8EB2-M 8EC2-M 4RV2-O 4RV2-T 4RV3-O 4RV3-T 4NO2	X X X X X X X	X X X X X X X X X X X X X X X X X X X
3	LO, GO RV, EA, EB, EC SS7	4AH5-B 4AH5-B 4AH5-B	X	X
4	LO, GO RV, EA, EB, EC SS7	4AH6-C 4AH6-C 4AH6-C	X	X
5	LO, GO RV, EA, EB, EC SS7	4AH6-D 4AH6-D 4AH6-D	X	X

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

# 17.1 <u>Switched Access Service</u> (Cont'd)

# 17.1.1 <u>Local Transport Interface Groups</u> (Cont'd)

# (F) <u>Available Premises Interface Codes</u> (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	<u>Fea</u>	ture B	Gro	
6	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC SS74DS9-15	4DS9-15 4DS9-15L 4DS9-15 4DS9-15L	X X X	X X X	X X X	
7	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC SS7	4DS9-31 4DS9-31L 4DS9-31 4DS9-31L 4DS9-31	X X	X X	X X X	
8	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC SS7	4DS0-63 4DS0-63L 4DS0-63 4DS0-63L 4DS0-63	X X	X X	X X X	
9	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC SS7	4DS6-44 4DS6-44L 4DS6-44 4DS6-44L 4DS6-44	X X	X X	X X X	X X X
10	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC SS7	4DS6-27 4DS6-27L 4DS6-27 4DS6-27L 4DS6-27	X X	X X	X X X	X X X

### 17. Access Service Interfaces and Transmission Specifications (Cont'd)

### 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.2 Standard Transmission Specifications

Descriptions of the transmission specifications available with each Feature Group as a function of the Interface Group selected by the customer, are set forth in (A) through (D) following. Descriptions of each of the these Standard Transmission Specifications and the two Data Transmission Parameters mentioned are set forth respectively in (E) through (G) and 17.1.3(A) and (B) following:

### (A) Feature Group A

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

# (B) Feature Group B

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters 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 Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

### 17.1 Switched Access Service (Cont'd)

### 17.1.2 Standard Transmission Specifications (Cont'd)

### (C) Feature Group C

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer designated premises and the end office when directly routed to the end office, and between the customer designated premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

### 17. Access Service Interfaces and Transmission Specifications (Cont'd)

### 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.2 <u>Standard Transmission Specifications</u> (Cont'd)

## (D) Feature Group D

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer designated premises and the end office when directly routed to the end office. Type DA Data Transmission Parameters are provided for the transmission path between the customer designated premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

### (E) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

#### (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss(EML) is 2.0 dB.

#### (2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

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#### FACILITIES FOR INTRASTATE ACCESS

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

# 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.2 <u>Standard Transmission Specifications</u> (Cont'd)

### (E) Type A Transmission Specifications (Cont'd)

### (3) <u>C-Message Noise</u>

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

Route Miles	C-Message Noise		
less than 50	32 dBrnCO		
51 to 100	34 dBrnCO		
101 to 200	37 dBrnCO		
201 to 400	40 dBrnCO		
401 to 1000	42 dBrnCO		

# (4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

# (5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	Echo <u>Return Loss</u>	Singing <u>Return Loss</u>
POT to Access Tandem POT to End Office	21 dB	14 dB
- Direct	N/A	N/A
<ul> <li>Via Access Tandem</li> </ul>	16 dB	11 dB

#### (6) Standard Return Loss

Standard Return Loss expressed as Echo Return Loss and Singing Return Loss on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss	Singing Return Loss
5 dB	2.5 dB

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### 17. Access Service Interfaces and Transmission Specifications (Cont'd)

#### 17.1 Switched Access Service (Cont'd)

### 17.1.2 <u>Standard Transmission Specifications</u> (Cont'd)

### (F) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

### (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is □ 2.5 dB.

### (2) <u>Attenuation Distortion</u>

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

# (3) <u>C-Message Noise</u>

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

C-Message Noise*	
Type B1	Type B2
32 dBrnCO	35 dBrnCO
33 dBrnCO	37 dBrnCO
35 dBrnCO	40 dBrnCO
37 dBrnCO	43 dBrnCO
39 dBrnCO	45 dBrnCO
	Type B1  32 dBrnCO 33 dBrnCO 35 dBrnCO 37 dBrnCO

# (4) <u>C-Notch Noise</u>

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference GR-334-CORE.

- 17. Access Service Interfaces and Transmission Specifications (Cont'd)
  - 17.1 Switched Access Service (Cont'd)
    - 17.1.2 <u>Standard Transmission Specifications</u> (Cont'd)
      - (F) Type B Transmission Specifications (Cont'd)
        - (5) Echo Control

Echo Control, identified as Impedance Balance for FGA and FGB and Equal Level Echo Path Loss for FGC and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	Echo <u>Return Loss</u>	Singing Return Loss
POT to Access Tandem - Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office - Direct - Via Access Tandem	16 dB	11 dB
For FGB access For FGC access	8 dB	4 dB
(Effective 4-Wire transmission path at end office) For FGC access (Effective 2-Wire	16 dB	11 dB
transmission path at end office)	13 dB	6 dB

- 17. Access Service Interfaces and Transmission Specifications (Cont'd)
  - 17.1 Switched Access Service (Cont'd)
    - 17.1.2 Standard Transmission Specifications (Cont'd)
      - (F) Type B Transmission Specifications (Cont'd)
        - (6) Standard Return Loss

Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss

5 dB

2.5 dB

# (G) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

- 17. Access Service Interfaces and Transmission Specifications (Cont'd)
  - 17.1 <u>Switched Access Service</u> (Cont'd)
    - 17.1.2 <u>Standard Transmission Specifications</u> (Cont'd)
      - (G) Type C Transmission Specifications (Cont'd)
        - (3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	<u>C-Messa</u>	C-Message Noise*	
Route Miles	Type C1	Type C2	
less than 50	32 dBrnCO	38 dBrnCO	
51 to 100	33 dBrnCO	39 dBrnCO	
101 to 200	35 dBrnCO	41 dBrnCO	
201 to 400	37 dBrnCO	43 dBrnCO	
401 to 1000	39 dBrnCO	45 dBrnCO	

# (4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

<sup>\*</sup> For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE.

# 17. <u>Access Service Interfaces and Transmission Specifications</u> (Cont'd)

#### 17.1 Switched Access Service (Cont'd)

#### 17.1.2 Standard Transmission Specifications (Cont'd)

## (G) Type C Transmission Specifications (Cont'd)

# (5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	Echo <u>Return Loss</u>	Singing <u>Return Loss</u>
POT to Access Tandem	13 dB	6 dB
POT to End Office - Direct - Via Access Tandem (for FGB only)	13 dB 8 dB	6 dB 4 dB

### 17.1.3 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. Type DB is provided with Feature Groups A, B and C and also with Feature Group D when Feature Group D is directly routed to the end office. Type DA is only provided with Feature Group D and only when routed via an access tandem. Following are descriptions of each.

### (A) Data Transmission Parameters Type DA

### (1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

#### 17.1 Switched Access Service (Cont'd)

#### 17.1.3 <u>Data Transmission Parameters</u> (Cont'd)

## (A) <u>Data Transmission Parameters Type DA</u> (Cont'd)

# (2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

#### 604 to 2804 Hz

less than 50 route miles equal to or greater than 50 route miles 900 microseconds

### 1004 to 2404 Hz

less than 50 route miles 200 microseconds equal to or greater than 50 route miles 400 microseconds

# (3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

#### (4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 33 dB Third Order (R3) 37 dB

#### (5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

#### (6) Frequency Shift

The maximum Frequency Shift does not exceed 2 to +2 Hz.

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#### **FACILITIES FOR INTRASTATE ACCESS**

# 17. Access Service Interfaces and Transmission Specifications (Cont'd)

# 17.1 <u>Switched Access Service</u> (Cont'd)

### 17.1.3 <u>Data Transmission Parameters</u> (Cont'd)

#### (B) Data Transmission Parameters Type DB

### (1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

# (2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

### 604 to 2804 Hz

less than 50 route miles equal to or greater than

800 microseconds

50 route miles 1000 microseconds

#### 1004 to 2404 Hz

less than 50 route miles equal to or greater than 50 route miles 320 microseconds

500 microseconds

#### (3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.

### (4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 31 dB Third Order (R3) 34 dB

### (5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7□ peak-to-peak.

#### (6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz. EFFECTIVE: October 2, 2006

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18. (Reserved for Future Use)