TITLE SHEET

Windstream Iowa Communications, LLC

Facilities for Intrastate Access
Telephone Tariff

Iowa No. 2

Filed with the
Iowa State Utilities Board

January 26, 2016

This tariff is new and supersedes in its entirety the Windstream Iowa Communications, LLC on file with the Board

prior to the effective date of this tariff.

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EXPLANATION OF SYMBOLS

(C) - To signify changed regulation
(D) - To signify discontinued rate or regulation
(I) - To signify increase
(M) - To signify a move in text from one area of the tariff to another but no change in rate, treatment or regulation
(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

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
ALM - Airline Miles
AM - Access Minutes
ANI - Automatic Number Identification
ARD - Automatic Ringdown
ASR - Access Service Request
AST - Automatic Scheduled Testing
AT&TC - American Telephone and Telegraph Communications, LLC
B - Bridging
BHMC - Busy Hour Minutes of Capacity
BP - Billing Percentage
BSA - Basic Serving Arrangement
BSE - Basic Service Element
CCS - Centum-Call Seconds
CCSA - Common Control Switching Arrangement(s)
CCS7 - Common Channel Signaling System 7 Network
CL - Customer Location
CDM - Call Days in Month
CMF - Chargeable Minimum Factor
CN - Charge Number
COMPS - Central Office Maintenance Planning System
Cont'd - Continued
CPN - Calling Party Number
CSP - Carrier Selection Parameter
CST - Cooperative Scheduled Testing
CSU - Circuit Switching Unit
DA - Digital Data Access
DAM - Distance in Airline Miles
dB - Decibel
dBm - Decibels below one milliwatt
dBmO - Transmission Level Referred to the Zero Transmission Level Point
dBrnCO - Decibel Reference Noise C-Message Weighted O
dBv - Decibels Referred to One Volt
dc - direct current
DDS - Digital Data Service
DTMF - Dual Tone Multi-Frequency
DX - Duplex
ELEPL - Equal Level Echo Path Loss
E&M - The Receive and Transmit Leads of a Signaling System
EML - Expected Measured Loss
EOS1 - End Office Switching 1
EOS2 - End Office Switching 2
EPL - Echo Path Loss
ERL - Echo Return Loss
f - frequency
FCC - Federal Communications Commission
FCO - Foreign Central Office Service
FGA - Feature Group A
FGB - Feature Group B
FGC - Feature Group C
FGD - Feature Group D
FIA - Facilities for Intrastate Access

EXPLANATION OF ABBREVIATIONS (Cont'd)

GSEC	- General Services and Equipment Code
HC	- High Capacity
HWC	- Hub Wire Center
Hz	- Hertz
IA	- Interface Arrangement
IAM	- Initial Address Message
IC	- Interexchange Carrier
ICB	- Individual Case Basis
IDDD	- International Direct Distance Dialing
ILP	- Initial Liability Period
IP	- Interconnection Point
kbps	- kilobits per second
kHz	- kilohertz
Ma	- Milliamperes
Mbps	- Megabits per second
MF	- Multifrequency
MHz	- Megahertz
MJU	- Multi-Junction Unit
MRC	- Monthly Recurring Charge
MST	- Manual Scheduled Testing
MTL	- Maximum Termination Liability
MTS	- Message Telecommunications Service
NA	- Not Available
NANP	- North American Numbering Plan
NCI	- Network Channel Interface
NECA	- National Exchange Carrier Association
NPA	- Numbering Plan Area
NRC	- Nonrecurring Charge
NSEP	- National Security Emergency Preparedness
NST	- Nonscheduled Testing
NXX	- Three Digit Central Office Code
ONAL	- Off Network Access Line
OPS	- Off Premises Station
PBX	- Private Branch Exchange
PCM	- Pulse Code Modulation
PEC	- Primary Exchange Carrier
RMC	- Recurring Monthly Charge
rms	- root-mean-square
RP	- Restoration Priority
SAC	- Service Access Code
SAL	- Special Access Line
SEC	- Secondary Exchange Carrier
SEC NCI	- Secondary Network Channel Interface
SF	- Single Frequency
SRL	- Singing Return Loss
SS7	- Signaling System 7
ST	- Special Transport
STP	- Signal Transfer Point
STR	- Switched Transport Rate
SWC	- Serving Wire Center
SWT FAC	- Switched Transport Facility Rate
SWT TERM	- Switched Transport Termination Rate
TDCF	- Total Day Conversion Factor
TERMS	- Terminations
TLP	- Transmission Level Point
TSP	- Telecommunications Service Priority
TV	- Television
UL	- Underutilization Liability
VG	- Voice Grade
V&H	- Vertical & Horizontal
WA	- Wideband Analog
WATS	- Wide Area Telecommunications Service

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of Windstream Telecom, 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

Reference is made in this tariff, pursuant to Special Permission No. 83-864, to the following Technical Publications:

Section 2.5	*NECA Technical Reference Publication AS No. 1 - Issued March 1984; entire issue. Addendum - Issued March 1987.
Sections 2.6, 4.2.15, 6.6(B)(1)	#GTE Technical Interface Reference Manual, Issue 2 - Issued August 1984, Revised December 1985 and August 1986 and October 1988; Sections 3300, 5107, 6000, 6103 and 7000.
Section 3.2.6(D), 3.2.2, 3.2.7, 4.2.16(B), 4.2.16(C), and 4.6.4	#GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards - Issued April 1985; entire issue.

Reference is made in this tariff, pursuant to Special Permission No. 87-730 contained in FCC Memorandum Opinion & Order released December 22, 1987 to the following Exchange Carrier Standards Association Ordering and Billing Forum documents:

Section 2.7(A)(2)	**Multiple Exchange Carrier Access Billing (MECAB) Guidelines - Issued December 1991.
Section 3.3(A)(2)	**Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines - Issued November 1989.

* Available from Literary Data Center, Inc., G.P.O. Box C-9014, Brooklyn, New York 11202

Available from GTE Practices Group, GTE Service Corporation, Evaluation and Support Department, P.O. Box 8300, 3050 Harrodsburg Road, Lexington, Kentucky 40503.

**Available from Bellcore, Customer Service, 8 Corporate Place, Piscataway, New Jersey 08854-4196.

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

Reference is made in this tariff to the following National Communications System documents pursuant to the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System:

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

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

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

1. APPLICATION OF TARIFF

1.1 This tariff contains regulations, rates and charges applicable to Carrier Common Line, Switched Access, End User Access, Lifeline Assistance and Universal Service Fund or, in combination, as Facilities for Intrastate Access, hereinafter referred to as FIA, provided by Windstream Iowa Communications, LLC, hereinafter referred to as 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.

Pursuant to the Federal Communications Commission's Rules at Section 69.4(c), 69.5(d), 69.104(1), 69.116, 69.117, 69.603(c) and 69.603(d), regulations concerning administration and billing of Lifeline Assistance and Universal Service Fund, rates and charges for these carrier's carrier elements are contained in Section 8 of the National Exchange Carrier Association, Inc., Tariff FCC No. 5. The National Exchange Carrier Association, Inc., will bill and collect all Lifeline Assistance and Universal Service Fund charges on behalf of the Telephone Company.

This tariff is applicable to the following Telephone Company exchanges in Iowa:

1.1.1 Windstream North

Alta Vista
Arlington
Armstrong
Belle Plaine
Blencoe
Braddyville
Cambridge
Central City
Chelsea
Clarinda
Colesburg
College Springs
Collins
Conroy
Cresco
Creston
Cylinder
Delhi
Delta
DeSoto
Dexter
Dolliver
Dunlap
Dyersville
Earlville
Edgewood
Elkhart
Elma
Emmetsburg
Epworth
Fairbank
Farley
Forest City
Garwin
Gladbrook
Glidden
Grand Junction
Greely
Grinnell
Harper
Harris
Hartley
Hazelton
Holy Cross
Hopkinton
Kent
Keota
Lake City
Lamont
Ledyard
LeGrand
Linden
Little Sioux
Logan
Lohrville
Luxemburg
Magnolia
Malcom
Mallard
Manchester
Manson
Marengo
Maxwell
May City
McCallsburg
Melvin
Modale
Mondamin
Montour
Nevada
New Vienna
Ocheyedan
Orient
Osceola
Oxford
Panama
Percival
Persia
Pisgah
Pomeroy
Portsmouth
Prescott
Primghar
Protivin
Ralston
Randall
Randolph
Redfield
Reinbeck
Rippey
Riverton
Rockwell City
Roland
Rolfe
Ryan
St. Ansgar
Sidney
Sigourney
Slater
Stacyville
Story City
Strawberry
Strawberry
Point
Swea City
Tabor
Thurman
Tiffin
Toledo
Traer
Troy Mills
Volga
Wadena
Walker
Washington
West Chester
What Cheer
Williamsburg
Woodbine
Worthington

1. APPLICATION OF TARIFF (Cont'd)

1.1 (Cont'd)

1.1.2 Windstream Telecom

Afton	Donnellson	Lucas	Plano
Agency	Douds	Lytton	Pleasantville
Ainsworth	Dows	Macksburg	Primrose
Albert City	Eldon	Marathon	Promise city
Alden	Farmington	Martensdale	Randalia
Alpha	Farson	Martinsburg	Redding
Argyle	Fayette	Maynard	Rembrandt
Arispe	Fonda	Melcher	Richland
Attica	Grandview	Milo	Ricketts
Auburn	Gravity	Milton	Riverside
Bagley	Hedrick	Monroe	Rowley
Benton	Hillsboro	Montrose	Russell
Bladensburg	Houghton	Moravia	St. Lucas
Blakesburg	Humeston	Mt. Ayr	Salem
Brandon	Jamaica	Mt. Pleasant	Schleswig
Brighton	Kellerton	Mt. Union	Seymour
Buckeye	Knoxville	Mystic	Shannon City
Bussey	Lacona	New London	Solon
Centerville	Lake View	New Virginia	Tingley
Chariton	Lanesboro	Newell	Tracy
Chillicothe	Lawler	Nichols	Unionville
Cincinnati	Leighton	Oakville	Ute
Clearfield	Letts	Olds	Vail
Columbus Junction	Liberty Center	Ollie	Wapello
	Libertyville	Otley	Waucoma
Conesville	Lime Springs	Packwood	West Point
Coon Rapids	Linn Grove	Paullina	Williamson
Crawfordsville	Lockridge	Pella	Winfield
Dedham	Lone Tree	Peoria	
Denmark	Lovilia	Peru	
Diagonal		Peterson	

1.1.3 Windstream Systems

Adair	DeWitt	Harlan	Moscow
Albia	Durant	Janesville	New Hampton
Aplington	Eddyville	Leclaire	New Sharon
Atalissa	Exira	Lisbon	Newton
Audubon	Fairfield	Low Moor	
Avoca	Fontanelle	Lowden	Rochester
Bayard	Fredericksburg	Madrid	Sabula
Bellevue	Fremont	Manning	Shelby
Bennett	Greene	Marble Rock	Stanwood
Bouton	Greenfield	Melrose	Sumner
Bridgewater	Grundy Center	Minden	Tipton
Charlotte	Guthrie Center	Mingo	Wellsburg
Delmar	Halbur		

1.2 Regulations, rates and charges as specified in this tariff apply to FIA and shall not serve as a substitute for IC tariff offerings of services to end users. The provision of such FIA 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 Scope

(A) The Telephone Company does not undertake to transmit calls or offer a telecommunications service under this tariff.

(B) The Telephone Company shall be responsible only for the installation, operation, and maintenance of the services which it provides.

(C) The Telephone Company will, for maintenance purposes, test its FIA only to the extent necessary to detect and/or clear troubles. Testing beyond normal parameters will be done as described in Section 6 following.

(D) FIA 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 FIA provided under this tariff except that, where there is no interruption of use or relocation of the FIA, such assignment or transfer may be made to:

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

(2) a court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such FIA, 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 FIA 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 FIA shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority system for such activities. Section 6.4 describes the service arrangement.

2. REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

(C) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth 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 FIA, and subject to the provisions of (B) through (C) following, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the FIA for the period during which the provision of FIA was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the IC under this tariff as a credit allowance for a provision of FIA 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) The Telephone Company shall be indemnified, defended and held harmless by the IC or end user against any claim, loss or damage arising from the use of FIA offered under this tariff. The foregoing indemnity shall issue on the IC or the end user separately, each being responsible for its own acts and omissions, involving:

(1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communications;

(2) Claims for patent infringement arising from combining or using the FIA furnished by the Telephone Company in connection with facilities or equipment furnished by the IC or end user; or

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

(D) The Telephone Company does not guarantee or make any warranty with respect to its FIA when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the IC or end user from any and all claims by any person relating to the FIA so provided. The foregoing indemnity shall issue on the IC or the end user separately, each being responsible for its own acts and omissions.

(E) 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)

(F) 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 FIA 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 FIA provided under this tariff.

(G) The Telephone Company's failure to provide or maintain FIA 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 of following.

(H) The Telephone Company shall reimburse the customer for damages to premises or equipment of the customer resulting from the provision of FIA 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 FIA

(A) The Telephone Company, to the extent that such FIA are or can be made available with reasonable effort, after provisions have been made for the Telephone Company's local service, and, at the election of the Telephone Company, provide to the customer, upon reasonable notice, FIA offered in other applicable sections of this tariff at rates and charges specified therein.

(B) FIA provided to a customer under this tariff may be, at the election of the Telephone Company, 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.

(C) The Telephone Company may, at its discretion, determine and alter the points at which interconnection are to be provided, reconfigure the network, and designate traffic and routing. Nothing in this tariff will limit the Telephone Company’s ability to modify the network, including, without limitation, the incorporation of new equipment and new software.

2.1.5 Installation and Termination of FIA

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

2.1.6 Maintenance of FIA

The FIA 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 FIA 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.

2. GENERAL REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to 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 FIA 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 IC 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 FIA 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 ninety days 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.).

2. GENERAL REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Discontinuance and Refusal of FIA

(A) Unless the provisions of 2.2.2(B) following apply, if the customer fails to comply with the provisions of 2.1.6 preceding or 2.3.1 following, and 2.4.1 (A) and (D) following, including any payments to be made by it on the dates or at the times herein specified, and fails within fifteen (15) days after written notice, by Certified U.S. 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 FIA 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 FIA or group of FIA, and fails to correct such course of action after notice as set forth in (A) preceding, the Telephone Company may refuse applications for additional FIA to the noncomplying customer until the course of action is corrected.

2.1.9 Preemption of FIA

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 set forth in Section 2.4.4(A).

2. GENERAL REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

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 set forth in Part 68 of the FCC Rules and Regulations. In the case of applications of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limitation devices to protect the Telephone Company FIA from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excess noise.

2.2 Use

2.2.1 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 FIA 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) preceding, the Telephone Company will, where practicable, notify the customer, as appropriate, that temporary discontinuance of the use of FIA 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 FIA 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 FIA as set forth in 2.4.4 following is not applicable.

2.2.2 Unlawful Use of FIA

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

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone facilities utilized to provide FIA 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(F) following.

2.3.2 Theft

The customer shall reimburse the Telephone Company for any loss through theft of facilities, apparatus, or equipment utilized to provide FIA under this tariff at the customer 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(F) following.

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company at no charge, equipment space and electrical power required by the Telephone Company to provide FIA under this tariff at the points of termination of such FIA. 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 Availability for Testing

The FIA 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 FIA 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)

2.3.5 Balance

All signals for transmission over the FIA 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.

2.3.6 Design of Customer Services

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

2.3.7 References to Telephone Company

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

2.3.8 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 FIA 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 FIA 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 FIA 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)

2.3.9 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 FIA to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. Furthermore, if the Telephone Company shall at any time have sufficient information to reasonably believe that the prospect of due and punctual payment of the service is impaired, then in such event, the Telephone Company may, at its option, require payment of deposit. A deposit may not exceed the actual or estimated rates and charges for the FIA 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 FIA 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 FIA 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 FIA requires facilities that meet any of the conditions specified in 10.1.1 following, Special Construction charges as set forth in Section 10 will apply.

(C) The Telephone Company shall bill FIA services on a current basis for (a) all charges incurred, (b) applicable taxes, and (c) credits due the customer.

(1) Switched Access (except for the Entrance Facility, Direct-Trunked Transport and Multiplexing elements), Ancillary and Miscellaneous services shall be billed in arrears.

(2) 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 FIA already billed will be credited on the final bill.

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

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

(D) All bills to the customer are due when rendered and are considered past due thirty-one (31) days after the bill date. In the event the customer does not remit payment in immediately available funds within the 30 day period, the FIA may be discontinued as specified in 2.1.8 preceding.

(1) If the entire amount billed is not received by the Telephone Company in immediately available funds within thirty (30) days after the bill date, an additional charge (late payment charge) equal to 1/12th of the percentage rate for deposit interest as that set forth in 2.4.1(A) of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.

A late payment charge will apply to disputed amounts withheld pending settlement of the dispute if it is determined in the Telephone Company's favor. The Telephone Company will credit or assess late payment charges for disputed amounts as set forth in 2.4.1(D)(2).

The Customer shall be responsible for all costs, including attorney's fees, incurred in the collection of any unpaid charge or in any other action to enforce payments and/or obligations arising under this Tariff. (N) | | (N)

Each customer will be given a waiver of the late payment charge once per each calendar year.

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

(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, (i.e. bill date plus 31 days) 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 for the disputed amount 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 for 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 as set for in 2.4.1(D)(1) one Company will assess or credit late payment charges on disputed amounts to the customer as follows:

- If the dispute is resolve 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 the dispute is 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 as set forth in 2.4.1(D)(1).

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

(D) (Cont'd)

(2) (Cont'd)

- If the dispute is 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 as set forth in 2.4.1(D)(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 as set forth in 2.4.1(D)(1).

2.4.2 Minimum Periods

(A) The minimum periods for which FIA are provided and for which rates and charges are applicable are set forth in 3.2.4 following.

(B) The minimum periods for which FIA are provided and for which rates and charges are applicable for Specialized FIA or Arrangements provided on an Individual Case Basis, as set forth in Section 7 following are established with the individual case filing.

(C) For discontinuances of FIA 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.

2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are set forth in 3.2.6 following for an ASR.

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for FIA Interruptions

(A) General

A FIA is interrupted when it becomes unusable to the customer because of a failure of a component used to furnish FIA 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 FIA 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 the service interruptions exceed the applicable charges for the billing period during which the interruption occurred.

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

(1) 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 FIA 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 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.

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for FIA Interruptions (Cont'd)

(B) When Credit Allowance Does Not Apply

No credit allowance will be made for:

(1) Interruptions caused by the negligence of the customer.

(2) Interruptions of a FIA due to the failure of equipment or systems provided by the customer or others.

(3) Interruptions of a FIA during any period in which the Telephone Company is not afforded access to the premises where the FIA is terminated.

(4) Interruptions of a FIA during an agreed upon period when the customer has released a FIA to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an ASR for a change in the FIA. Should the maintenance, rearrangement, or ASR implementation interruption period extend beyond the agreed upon period, credit allowance will apply.

(5) Interruptions of a FIA which continue because of the failure of the customer to authorize replacement of any element of Special Construction, as set forth in 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 FIA for testing and/or repair and continues to use it on an impaired basis.

(7) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

(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 FIA is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for FIA Interruptions (Cont'd)

(D) Temporary Surrender of a FIA

In certain instances, the customer may be requested to surrender a FIA 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.

2.5 Connections

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

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 seven digit code dialed by an end user to access an Interexchange Carrier's facilities. The seven digit code has the form 101XXXX or 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 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 interexchange traffic originating from or terminating at end offices in the access area.

Agent

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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Answer Message

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

Answer/Disconnect Supervision

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

Attempt

The term "Attempt" denotes a call in the originating direction from an end user to a CL which is completed (answered) or not completed (not answered) and a call in the terminating direction from a CL 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 Definitions (Cont'd)

Balance (100 Type) Test Line

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

Basic Service Element

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

Basic Serving Arrangement

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

BHMC

See Busy Hour Minutes of Capacity

Bit

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

Bridging

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

Bridging Wire Center

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

Business Day

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

Busy Hour Minutes of Capacity

The term "Busy Hour Minutes of Capacity (BHMC)" denotes the customer specified maximum amount of Switched Access Service access minutes the customer expects to be handled in an end office switch for the Switched Access Arrangement ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths or facility requirements for the Switched Arrangement ordered.

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)

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

C-Notched Noise

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

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

CCS

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

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.

Central Office

The term "Central Office" denotes a telephone company local switching system where telephone company local service subscriber station loops are terminated for purpose 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.

Committed Information Rate (CIR)

The term "Committed Information Rate (CIR)" denotes the maximum information rate at which customer traffic will be admitted to the Frame Relay network without being designated eligible for discard.

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.

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 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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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 FIA 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 FIA 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 intermachine 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(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including but not limited to Interexchange Carriers (ICs), End Users and other telecommunications carriers or providers originating or terminating toll VoIP-PSTN traffic.

Customer Location

The term "Customer Location" (CL) denotes a location used for the purpose of terminating FIA 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. CLs 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.

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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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 Busies 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 and BSA-A. It may be utilized when FGA or BSA-A is being used in the terminating direction. An office arranged for signaling would expect to receive address signals from the IC in the form of DTMF format.

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.

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 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).

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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 of 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 FIA 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.

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.

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 CL 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 CL.

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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Frame

The term "Frame" denotes a group of data bits, in 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.

Frame Relay Access Line

Provides access to the Frame Relay Network connecting customer facilities at the network interface with a corresponding Frame Relay Port.

Frame Relay Port

The term "Frame Relay Port" denotes, for Frame Relay Service, the physical entry points for access lines and the originating and terminating points for Permanent Virtual Circuits (PVCs). Ports include the electronic equipment used in connecting these service elements to the frame Relay Network and enable customers to allocate bandwidth to applications, as needed, at customer designated transmission speeds between 56/64 Kbps to 45 Mbps.

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.

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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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 interstate or foreign communication by wire or radio, between two or more LATAs.

Intermodulation Distortion

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

Interstate Communications

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

Intrastate Communications

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

Line

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

Line Group

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

Line Side Connection

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

Local Access and Transport Area

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

Logical Channel

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

Maximum Burst Size (Be)

The term "Maximum Burst Size (Be)" denotes the maximum information rate at which customer traffic will be admitted to the Frame Relay network. Traffic rates in excess of Be will be automatically discarded on ingress to the network.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (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 FIA 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 FIA are terminated. The MTL period is equal to the average account life of the FIA 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 CL from the Telephone Company end office.

Multicarrier Access Area

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

National Security Emergency Preparedness (NSEP) Services

The term "National Security Emergency Preparedness (NSEP) Services" denotes telecommunications services which are used to maintain a state of readiness or to respond to and 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.

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 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 locations. A complete description and listing of these interface codes is specified in Section 6103 of the GTE Technical Interface Reference Manual.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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.

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.

Operator Services Provider

The term "Operator Services Provider" denotes the intrastate provider of operator services to which an end user placing an operator assisted call is connected.

Operator Services Switching Location (OSSL)

A Telephone Company office where Telephone Company equipment processes Operator Services calls to or from a customer location in the same LATA.

Operator Services System

The switching equipment, facilities, operator positions and software components utilized for the provision of operator services.

Order Interval

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

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Originating Direction

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

Permanent Virtual Circuit (PVC)

The term "Permanent Virtual Circuit (PVC)" denotes a logical channel defined in software, that establishes a path from one customer port to another.

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 CL or end user premises at which the Telephone Company's responsibility for the provision of FIA 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 FIA 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 in whose exchange a customer's first point of switching (i.e., dial tone for FGA or BSA-A, an access tandem for FGB or BSA-B) is located.

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 and/or Local Tariffs.

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.

Registered Equipment

The term "Registered Equipment" denotes the customer's terminal equipment which comply 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)

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 details 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, FGB, BSA-A or BSA-B service, but from whose exchange the customer's end users can call the interexchange switch or CL 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 Date

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

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 and BSA-A, by manually dialing a seven-digit number over the associated Switched Access.

Short Circuit Test Line

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

Signaling 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.

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Statistical Multiplexing

The term "statistical Multiplexing" denotes a technique in which timeslots are dynamically allocated on the basis of need rather than being predetermined. The data is typically transmitted on a first come, 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" refers to the regulatory, administrative and operational system authorizing and providing for priority treatment (i.e., the provisioning and restoration) or NSEP Services.

Temporary Facilities

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

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Terminating Direction

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

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

Trunk

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.

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 set forth in 4.2.5(U) following.#

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.

2.7 FIA Services Provided By More Than One Telephone Company

(A) When Switched Transport or Special Transport service is provided by more than one telephone company, the telephone companies involved will mutually agree upon one of the billing methods as set forth in (1) or (2) following based upon the type of access service and the interconnection arrangements between the telephone companies.

The telephone company will notify the customer which billing method will be used. The customer will place the ASR for the service as set forth in 3.3 following.

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.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(1) Single Company Billing:

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

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

(2) Meet Point Billing:

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D Switched Access Services and Special Access. It is optional for FGA and BSA-A Switched Access Services.

There are two Meet Point Billing Options -- Single Bill and Multiple Bill. The Telephone Company must notify the customer of: (1) the Meet Point Billing Option that will be used, (2) the Telephone Company(s) that will render the bill(s), (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4) the Telephone Company(s) that will provide the bill inquiry function. The Telephone Company shall provide such notification at the time that an ASR is placed requesting access service. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any change.

(a) Single Bill Option

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

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

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

- The Initial Billing Company for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D Switched Access services is normally the end user's serving office and for WATS usage the Initial Billing Company is normally the WATS serving office. When the Initial Billing Company is other than the normally designated Telephone Company, the Telephone Company will notify the customer.

- The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of the Switched Transport Facility is provided and/or where the CL is located.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing: (Cont'd)

(a) Single Bill Option (Cont'd)

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

(1) Single Bill/Single Tariff

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

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

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

(2) Single Bill/Pass-Through Billing

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

- determine its portion of Switched Transport and/or Special Transport as 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 Initial Billing Company for meet point billed access services.

The Initial Billing Company will:

- apply usage data, when needed, to the bill and calculate the charges;
- identify each involved Telephone Company's charges separately on the bill;
- combine all the bills of the involved Telephone Companies of a meet point billed access service into one access bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing: (Cont'd)

(a) Single Bill Option (Cont'd)

(3) Single Bill/Multiple Tariff

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

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

(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.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing: (Cont'd)

(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 CL 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 or Direct-Trunked Transport determine the appropriate Special Transport and Switched Access Direct-Trunked Transport, total miles by computing the number of miles between the serving wire centers involved (i.e., CL serving wire center or Hub Wire Center or WATS Serving Office, end office or access tandem) using the V&H method as set forth in the NECA Tariff FCC No. 4. Where the calculated miles include a fraction, the value is always rounded up to the next full mile.

(2) Determine the billing percentage (BP), as set forth in the NECA Tariff FCC No. 4. This represents the portion of the service provided by each telephone company.

(3) For Switched Access Tandem-Switched Transport; (a) multiply the number of access minutes of use times the number of airline miles as set forth in (1), times the BP of each telephone company as set forth in (2), times the Tandem-Switched Transport Facility rate; (b) multiply the Tandem-Switched Transport Termination rate times the number of access minutes times the quantity of terminations.

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, Section 3.

(B) Billing Percentage for each telephone company (from Section 5 or 6, 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 (switched) for Telephone Company A = SWT FAC.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing: (Cont'd)

(c) Meet Point Billing Mileage Calculation (Cont'd)

(3) (Cont'd)

(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 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

(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.

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing: (Cont'd)

(d) All other appropriate 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 (i.e., the first point of switching and/or the end office serving the end user) at the Telephone Company end of the Tandem-Switched Transport - Facility. The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility.

2.8 Notice on Discontinuance of Service to an Interexchange Carrier (IXC)

(A) In connection with the discontinuance of access service to an interexchange carrier, Company will make reasonable efforts either before or after a disconnection to advise the Company's end users served by the interexchange carrier of their options when an interexchange carrier is no longer available as a PIC choice in such customers' territory.

(B) "Reasonable efforts" may be made in advance by a notice to the Company's affected customers which identifies the options available to a customer if it should be unable to make toll calls through its selected interexchange carrier. Options include at a minimum directions to the customer as to the selection of PIC choices and directions to achieve dial around services.

"Reasonable efforts" after disconnection may include oral, written or electronic communications to any affected customers to identify options available to the customer unable to make toll calls through the discontinued interexchange carrier.

SECTION 3 TABLE OF CONTENTS

3. ORDERING OPTIONS FOR FIA

3.1 General

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

3.1.1 Ordering Conditions

(A) A customer may order any amount of FIA (Switched or Special) of the same interface type, same Feature Group, same BSA or same Special Access between the same locations for installation on the same date on a single FIA ASR. A customer may order the changed use of Switched Access and Special Access over the same high capacity facility however, separate FIA ASRs are required. The methodology for shared use is in 5.6.7.

- ASRs for FGA or BSA-A must specify the number of lines required.

- ASRs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service must specify the number of trunks required or Busy Hour Minutes of Capacity (BHMC). For Tandem-Switched Transport, the customer has the option of specifying the number of trunks or Busy Hour Minutes of Capacity (BHMC). In addition, the ASR must indicate whether the Switched Transport 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 4.2.1, 4.2.5(U) and 4.3.2.

(B) The customer shall supply all details necessary to complete an ASR. The details may include the following: service date, customer name, customer 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 premise access information to complete an ASR 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 5.1.6.

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

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

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(D) The customer shall order SAC Access Service, as described in 4.2.1(E), in the same manner as ordering FGD or BSA-D with the following exceptions. For 500 SAC Access 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). 800/888/877 SAC Access Service is offered only in conjunction with the 800/888/877 Customer Identification Function as described in 4.2.10 and in conjunction with 800/888/877 Data Base Query Service as described in 4.2.18. Customers may request 800/888/877 SAC access connections to suitably equipped end offices and access tandem offices. A list of those offices will be provided upon request. All 800/888/877 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 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 ordering charge, the 500 NXX Translation Charge, as described in 4.5.2(K)(5), 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(B)(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.

(E) To determine if adequate central office facilities (i.e., trunk circuits) for FGD or BSA-D will be available on the conversion date to equal access and to be eligible for the allocation as set forth in the following paragraph all customers (including those customers who convert existing FGA, FGB, FGC, BSA-A, BSA-B and BSA-C to FGD or BSA-D) must order FGD or BSA-D 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 800/888/877 FGD trunks are available at the conversion date.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(E) (Cont'd)

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 or BSA-C. (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)

- (Desired Facilities) / (Total Desired Facilities) x Remaining Facilities (of Remaining Facilities)

- F = 70 / 1000 - 50 x 625 = 46 (assign only 45)(**)

- E = 80 / 1000 - 120 x (625 - 45) = 53

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

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

Remaining Facilities of Remaining Eligible ICs of Access / Total Desired Facilities = 625 - 98 = 527 = .659
1000 - 200 = 800

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

ICs	Demand Desired (In Trunks)	Resources Available	Step 1 Flat 25% Distribution	Step 2	Step 3	Total Assigned Trunk Circuits
A	300	-	25	-	197	222
B	200	-	25	-	132	157
C(*)	200	-	-0-	-	132	132
D	100	-	25	-	66	91
E	80	-	25	53	-	78
F	70	-	25	45(**)	-	70
G	25	-	25	-	-	25
H	15	-	15(**)	-	-	15
I	10	-	10(**)	-	-	10
Total	1,000	800	175	98	527	800

(*) Request for additional facilities by an IC with existing FGC or BSA-C
(**) Will not assign more than desired

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(B). When a customer orders a DS3 SAL or DS3 Switched Entrance Facility, he may specify on the ASR if the interface is to be an electrical or an optical interface. In the event the customer does not identify an interface preference with the order, the Telephone Company will provide an electrical interface.

When a customer orders DS3C Special Access, the Telephone Company will provide an optical interface unless the service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the customer specifies on the ASR a request for an electrical interface.

(G) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(W), 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. The customer's ASR shall also include STP point codes, STP location identifier codes, FGD or BSA-D trunk or 800/888/877 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD or BSA-D, the customer shall specify that all traffic carried by that FGD or BSA-D will be equipped with out of band signaling. The customer shall work cooperatively with the Telephone Company to determine the number of CCS7 Access service connections required to handle the customer's SS7 Out of Band Signaling traffic.

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

When measurement capability does not exist for Operator Services per call charges, a forecast of the number of Operator Services calls anticipated is required from the customer as in 8.2.3 when the initial order for Operator Services is placed.

(I) When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in 4.2.5(S), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD or BSA-D Switched Access Service over which resulting originating 950-XXXX access code calls are to be routed.

3.1.2 Provision of Other Services

(A) At the option of a customer, Additional Labor, Telecommunications Service Priority (TSP), Testing and Special Routing services may be ordered with an ASR at the same time the ASR is accepted by the Telephone Company. Such requests will be considered to be supplemental to the ASR. The rates and charges for these services as 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 order modifications as in 3.2.2 will apply.

3.1.3 Special Construction

The regulations, rates and charges for Special Construction in Section 10 are in addition to the regulations, rates and charges specified in this section.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request

An ASR is used by the Telephone Company to receive orders for the following types of FIA 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 FIA 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.

3.2.2 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 as set forth in other sections of this tariff will be applicable.

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

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Data Change Charge will apply for each service date change after the Plant Test Date on the ASR.

The new service date may not exceed the original service date by more than 30 days. If the requested service date is more than 30 days after the original service date, the ASR will be considered cancelled by the Telephone Company and cancellation charges as in 3.2.6 will apply. A new ASR will be issued with the new service date.

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 set forth in (E) will apply in addition to the Service Date Change Charge.

	Windstream North*
	Service Date Change Charge
(GSEC)	(NASDCC)
(USOC)	(SUM)
	$64.66

	Windstream Telecom*
	Service Date Change Charge
(GSEC)	(NASDCC)
(USOC)	(OMC)
	$26.21

	Windstream Systems*
	Service Date Change Charge
(GSEC)	(NASDCC)
(USOC)	(OMC)
	$9.26

* For listing of exchanges see Sections 1.1.1., 1.1.2 and 1.1.3.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications (Cont'd)

(B) Partial Cancellation Charge

(1) For Windstream North* exchanges any decrease in the number of Switched Access lines for FGA or BSA-A, trunks or BHMC for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service or Special Access circuits will be treated as a partial cancellation.

A customer may cancel any number of Special Access circuits. When a customer partially cancels the service ordered on an ASR, charges will apply as follows:

(a) 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 Issued Date and dividing that figure by the number of days in the service interval and adding the Switched Access Ordering Charge.

(b) When an ASR for Special Access Service is partially canceled, 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 order date and dividing that figure by the number of days in the service interval.

(c) 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) will apply to that part of the ASR being canceled.

(2) For Windstream Telecom* exchanges any decrease in the number of ordered Special Access Service circuits or Switched Access Service lines, trunks or busy hour minutes of capacity on a pending ASR will be treated as a partial cancellation. The charge will be determined by multiplying the total switched access installation or special access nonrecurring charge for the canceled portion of the order by the number of business days elapsed since the order date and dividing that figure by the number of days in the service interval.

(3) For Windstream Systems* exchanges any decrease in the number of ordered Special Access Service circuits or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a partial cancellation and the charges as set forth in 3.2.6(F) following will apply.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications (Cont'd)

(C) Discontinuance of Service

A customer may discontinue FIA 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 as set forth in 3.2.4, the Minimum Period Charges as set forth in 3.2.5 may apply.

(D) Design Change Charge

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 any change which requires engineering review. The regulations rates and charges for a design change are as set forth in Section 4.5.2(A)(3)(b) for Switched Access Service, and Section 5.6.1(D)(3) 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 set forth 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) Requests for a specific circuit is not an option of the customer except as provided for under Special Facilities Routing of FIA as set forth in Section 9.

3.2.4 Minimum Period

(A) The Minimum Period for which Special Access and End User FIA are provided and for which charges are applicable, is one month, except as set forth in (B) through (F).

(B) The minimum period for Miscellaneous Services is as set forth in Section 6.

(C) The Minimum Period for Ancillary Services is as set forth in Section 8.

(D) The Minimum Period for temporary videoband and program audio Special Access is the minimum period for which rates are established in Section 5.7 and 5.8.

(E) The Minimum Period for FIA provided under Special Construction provisions and for which charges are applicable is as set forth in Section 10.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.4 Minimum Period (Cont'd)

(F) The Minimum Period for FGA, FGB, FGC, BSA-A, BSA-B, BSA-C, SAC Access Service and also for FGD or BSA-D ordered after the conversion of an end office to equal access, is three months. For the application of the minimum period charges for Switched Access Service FGB, FGC, BSA-B, BSA-C, SAC Access Service and for FGD or BSA-D ordered after the conversion of an end office to Equal Access, it is assumed the last identical capacity placed in service is the first one discontinued.

(G) For FGD or BSA-D ordered prior to the conversion of an end office to equal access and (1) cancelled prior to the conversion date, a cancellation charge as in 3.2.6 applies or (2) cancelled on or after the equal access conversion date, a Discontinuance Charge as in 3.2.7 applies.

3.2.5 Minimum Period Charges

When FIA are discontinued prior to the expiration of the Minimum Period, charges are applicable for the remaining months 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, the charge is the applicable monthly rate for the service(s) as in 5.7.

(C) For FGD or BSA-D ordered prior to conversion of an end office to equal access, but cancelled after the equal access conversion date, a Discontinuance Charge as in 3.2.7 will apply.

(D) For part-time or occasional program audio Special Access services, the rates as in 5.6.1, 5.7, and 5.8 will apply.

(E) For FGA, FGB, BSA-A and BSA-B type service where measurement equipment is not available and the Assumed Minutes of Use Monthly Surrogate is used, the charge will be the prorated amount on a daily basis, calculated at 1/30 of the applicable rate shown in 4.6.6, 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 FIA on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

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

- Billing for the service will commence.

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

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.6 Cancellation of an ASR (Cont'd)

(A) (Cont'd)

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

(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) For Windstream North* exchanges 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 Issued 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 Issued Date, an dividing that figure by the number of days in the service interval (i.e., the number of business days between the Scheduled Issued Date and the day of the service date interval) and adding the Switched Access Ordering Charge.

(2) When an ASR for Special Access Service is canceled on or after the Scheduled Issue Date, the Cancellation Charge is calculated, on a per ASR 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).

(D) For Windstream North* exchanges for cancellation of an ASR, for Switched Access FGD or BSA-D before an end office converts to equal access, cancellation charges as set forth following will apply if the Telephone Company is notified of the cancellation within a period of 12 months prior to the scheduled service date. Cancellation charges apply to each trunk cancelled.

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

Cancellation charges will accrue to the maximum in equal monthly increments (i.e., maximum cancellation charge divided by 12) beginning twelve months before an end office converts to equal access. Maximum cancellation charges are listed in 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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.6 Cancellation of an ASR (Cont'd)

(E) For Windstream North* exchanges when a customer cancels an Access Service Request prior to the service date, the Cancellation Charge specified in (1) or (2) following, shall apply.

(1) For Special Access, the Cancellation Charge is calculated, on a per order basis, by multiplying the total nonrecurring charge, found in 5.7.1, for the quantity ordered by the number of business days elapsed since the order 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).

(2) For Switched Access, the Cancellation Charge is calculated, on a per order basis, by multiplying the total installation charge, found in 4.6.1, for the quantity ordered by the number of business days elapsed since the order 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), and adding the ASR charge.

(F) For Windstream Systems* exchanges when a customer cancels an Access Service Request and the Telephone Company incurs any costs associated with the process of the Access Service Request or installation prior to the cancellation date, the Cancellation Charge specified in (1) or (2) following, whichever is lower, shall apply.

(1) The charge for the minimum period of Switched or Special Access Service as set forth in 3.2.4 preceding.

(2) A charge equal to the costs incurred in such installation, less estimated net salvage, and/or a charge equal to the costs incurred in such order processing. These charges include the nonrecoverable costs of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs.

Installation and Order costs of Switched or Special Access Service facilities are considered to have started when the Telephone Company incurs any costs associated with such installation or order processing.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.7 Discontinuance of Switched Access FGD or BSA-D for Windstream North*

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

3.2.8 FGD or BSA-B Maximum Per Trunk Cancellation Charge for Windstream North*

Cancellation Charge
$516.59

3.3 Access Service Requests For Services Provided By More Than One Telephone Company

(A) Switched or Special Access services provided by more than one telephone company are services where one end of the Switched Transport or Special Transport facility is in the operating territory of one telephone company and the other end of the facility is in the operating territory of a different telephone company.

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

(1) Single Company Billing

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

(a) For Switched Access services the customer will place the ASR with the telephone company in whose territory the following is located.

- FGA or BSA-A - dial tone office

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

(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 FIA service and listed in the Exchange Carrier Association's Tariff FCC No. 4.

* For listing of exchanges, see Section 1.1.1.

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.3 Access Service Requests For Services Provided By More Than One Telephone Company (Cont'd)

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

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4. SWITCHED ACCESS

4.1 General

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

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

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

A customer may designate one or more CLs within the LATA for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C or BSA-D Switched Access or SAC Access Service, except that in the case of 800/888/877 SAC Access Service, customers may request connections only to suitably equipped end offices and access tandem offices as discussed in 3.1.1(D).

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

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

Switched Access is provided with basic testing as described in 4.2.1, 4.2.2 and 4.2.7. Additional testing is provided as described in 6.6. Testing is provided only on the FIA supplied by the Telephone Company.

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access

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

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

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

- Feature Group and BSA line side equivalents (FGA and BSA-A) may not be mixed in the same multiline hunt group.

4.2.1 Descriptions of Feature Groups

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

(A) Feature Group A

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(A) Feature Group A (Cont'd)

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

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

(2) FGA is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling.

(3) The customer shall select the first point of switching, within the selected FGA Access Area.

(4) FGA is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5. For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(A) Feature Group A (Cont'd)

(5) FGA, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.

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

(6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request. Access is also provided for FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(K)(2)(c) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(A) Feature Group A (Cont'd)

(6) Cont'd

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

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

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(A) Feature Group A (Cont'd)

(8) A seven digit telephone number assigned by the Telephone Company is provided for access to FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(9) FGA is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

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

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

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

(11) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.

(12) For Windstream Telecom* and Windstream Systems* exchanges only, 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 billed to their end users under the Telephone Company's local and/or general exchange service tariffs. The credit will apply for recorded originating usage or for assumed originating usage, as appropriate for the FGA service provided. When the credit is applied on assumed usage, such credit will not exceed the assumed levels of usage set forth in 4.6.6. 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. All applicable message unit credits will be developed on an exchange specific basis only.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(B) Feature Group B

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

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

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

(2) FGB is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling.

(3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(B) Feature Group B (Cont'd)

(4) FGB is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling as in 4.2.5(M), any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Description of Feature Groups (Cont'd)

(B) Feature Group B (Cont'd)

(6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGB Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Bundled (EOSB) rates in 4.5.2(K)(4) and 4.6.3(C) apply to all FGB usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to FGB and FGC at an end office, FGC usage and FGB terminating usage will be subject to premium EOSB rates and FGB originating usage will be subject to nonpremium EOSB rates.

(7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGB arrangement provided.

(8) The access code for FGB is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the FGB by dialing 1+950-XXXX.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(B) Feature Group B (Cont'd)

(9) FGD may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven digit calling station billing number information to the CL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

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

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

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

(10) The Telephone Company will determine the end office ANI protocol for FGB. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to FGB.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(B) Feature Group B (Cont'd)

(11) FGB is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, FGB will be provided with automatic testing (105 type or equivalent) in the originating direction.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(B) Feature Group B (Cont'd)

(12) When all FGB is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FGB associated with the number dialed has been disconnected.

(13) FGB is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.

(14) FGB may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C

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

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

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

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

(3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which FGC is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

(4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CL where the FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office the Access Area is that of that end office only. If the FGC connection is made to a Telephone Company access tandem the Access Area is that of all end offices subtending that Telephone Company access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.

(7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.

(8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

(9) FGC may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(9) (Cont'd)

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

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(10) FGC is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGC will be provided with automatic testing.

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(11) FGC may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

(12) FGC may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).

(13) FGC may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CL in order to limit the amount of such traffic that can be completed.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(14) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as in 4.2.1(C)(12).

(a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CL.

(b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices - Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

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

(c) Operator Assistance - Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available - This arrangement provides the combined features described in (a) and (b).

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(15) FGC is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D

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

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

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

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

(2) FGD is provided as trunk-side switching through the use of end office or Telephone Company access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.

(3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGD is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.

(4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling and based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office the Access Area is that of that end office only. If the FGD connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single FGD trunk group may be used. Traffic terminating at a non equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.

(7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the FGD arrangement provided.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(8) The access code for FGD is a uniform access code of the form 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CL. A single access code will be the assigned number for all FGD provided to the customer by the Telephone Company.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in 4.2.5(S), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(9) FGD may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(Z). In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(10) FGD is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGD will be provided with automatic testing.

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGD; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

(d) When FGD or 800/888/877 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(11) FGD may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

(12) FGD may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.

(13) FGD will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.

(14) FGD may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

(15) FGD may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement, in (12). The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.

(16) FGD is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to a Telephone Company access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Telephone Company access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 though 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.

(17) FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available FGD may be provided with Non-Overlap Outpulsing signaling protocol.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(E) SAC Access Service

Service Access Code (SAC) Access Service is an originating service that is provided via SAC Access Service switched trunk groups, or may be provided in conjunction with FGC or FGD. SAC Access Service may also be provided in conjunction with BSA-C or BSA-D as shown in 4.2.2. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an end user for 500 SAC Access Service, the 500 Customer Identification Function, as described in 4.2.20, determines the customer to which the call is to be routed based on the 500 NXX code dialed. When a 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX call is originated by an end user for 800/888/877 SAC Access Service, the 800/888/877 Customer Identification Function as described in 4.2.10 determines the customer to which the 800, 888 or 877 call is routed. When a 1+900-NXX-XXXX call is originated by an end user for 900 SAC Access Service, the 900 Customer Identification Function, as described in 4.2.11, determines the customer to which the call is to be routed based on the 900 NXX code dialed.

(1) Service Access Code (SAC) Access Service is provided at Telephone Company appropriately equipped end offices or tandem switches.

(2) Originating SAC Access Service is a trunk side switched service that is available to the customer via SAC Access Service trunk groups. The appropriate Customer Identification Function, in 4.2.10, 4.2.11 and 4.2.20, must be ordered in conjunction with each SAC Access Service trunk group. SAC Access Service traffic at the option of the customer can be carried on the same group with non-SAC Access traffic.

(3) When a 1+N00-NXX-XXXX or 1+500-NXX-XXXX call is originated by an End User, the Telephone Company will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.

(4) The manner in which SAC Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). When SAC Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with FGD or BSA-D except when more than one Telephone Company access tandem is employed in the transport of a SAC Access Service call.

When SAC Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with FGC, FGD, BSA-C or BSA-D. In either case, when more than one Telephone Company access tandem is employed in the transport of a SAC Access Service call, Standard Transmission characteristics are not guaranteed.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(E) SAC Access Service (Cont'd)

(5) For other than FGC or BSA-C, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via a Telephone Company access tandem over FGD or BSA-D trunks or SAC Access Service trunk groups. For FGC or BSA-C, SAC Access Service can be provided through existing trunk groups or separate FGC or BSA-C trunk groups which handle SAC Access Service. SAC Access Service from a Telephone Company access tandem, with both equal and nonequal access end offices, can be combined on a single FGD or BSA-D trunk group to the CL. SAC Access Service from a Telephone Company access tandem with non-equal access end offices can be provided on a FGC or a BSA-C trunk group.

(6) 500 SAC Access Services originating from equal access end offices with the 500 Customer Identification Function, described in 4.2.20, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function, described in 4.2.11, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 800/888/877 SAC Access Service originating from equal access end offices with the 800/888/877 Customer Identification Function described in 4.2.10 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC or BSA-C, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

SAC Access Service may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches.

(7) For SAC Access Service traffic originating from equal access end offices with the Customer Identification Function capabilities, FGD parameters as specified in 4.2.1(D) apply or BSA-D parameters as specified in 4.2.2(D) apply.

For SAC Access Service traffic, other than 800/888/877 SAC Access, originating from all other end offices, FGC parameters as specified in 4.2.1(C) apply or BSA-C parameters as specified in 4.2.2(C) apply.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs)

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

(A) BSA-A

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

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

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

(2) BSA-A is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. BSA-A may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.21.

(3) The customer shall select the first point of switching, within the selected BSA-A Access Area.

(4) BSA-A is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(A) BSA-A (Cont'd)

(5) BSA-A, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. BSA-A, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which BSA-A is provided. When BSA-A is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, as discussed in 4.2.21, all BSA-A will be arranged for the same type of signaling.

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

(6) BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switch from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(K)(2) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(A) BSA-A (Cont'd)

(6) (Cont'd)

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

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

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

(8) A seven digit telephone number assigned by the Telephone Company is provided for access to BSA-A in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(9) BSA-A is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(A) BSA-A (Cont'd)

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

(11) BSA-A is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangement 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-A.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(B) BSA-B

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

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

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

(2) BSA-B is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling. BSA-B may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.21.

(3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which BSA-B is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, as shown in 4.2.21, or Rotary Dial Station Signaling, as shown in 4.2.5(M), special routing and trunking arrangements may be required.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(B) BSA-B (Cont'd)

(4) BSA-B is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) BSA-B, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CL where the BSA-B terminates. Except for BSA-B provided with the ANI arrangement or Rotary Dial Station Signaling, any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(6) BSA-B, when being used in the terminating direction, may be used to access valid NXXs in the BSA-B Access Area. If the BSA-B connection is made directly to an end office, the Access Area is that of that end office only. If the BSA-B connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any BSA-B Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. End Office Switching - Unbundled (EOSU) rates in 4.5.2(K)(4) and 4.6.3(D) apply to all FGB usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to BSA-B and BSA-C at an end office, BSA-C usage and BSA-B terminating usage will be subject to EOS2 rates and BSA-B originating usage will be subject to EOS1 rates.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(B) BSA-B (Cont'd)

(7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-B arrangement provided.

(8) The access code for BSA-B is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the BSA-B by dialing 1+950-XXXX.

(9) BSA-B may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the BSA-B connection is at a Telephone Company access tandem. The ANI arrangement provides seven digit calling station billing number information to the CL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

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

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

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

(10) The Telephone Company will determine the end office ANI protocol for BSA-B. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to BSA-B.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(B) BSA-B (Cont'd)

(11) BSA-B is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, BSA-B will be provided with automatic testing (105 type or equivalent) in the originating direction.

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

(12) When all BSA-B is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the BSA-B associated with the number dialed has been disconnected.

(13) BSA-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-B.

(14) BSA-B may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.21, delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(C) BSA-C

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

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

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

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

BSA-C may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.21.

(3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which BSA-C is to be provided. If the customer orders an ANI arrangement as shown in 4.2.21 and 4.5.4, or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

(4) BSA-C is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(C) BSA-C (Cont'd)

(5) BSA-C is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CL where the BSA-C terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(6) BSA-C, when being used in the terminating direction, may be used to access NXXs in the BSA-C Access Area. If the BSA-C connection is made directly to an end office the Access Area is that of that end office only. If the BSA-C connection is made to a Telephone Company access tandem the Access Area is that of all end offices subtending that Telephone Company access tandem. The description of any BSA-C Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.

(7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-C arrangement provided.

(8) No access code is required for BSA-C. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.

(9) BSA-C may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(C) BSA-C (Cont'd)

(9) (Cont'd)

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

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

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

(10) BSA-C is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-C will be provided with automatic testing.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(C) BSA-C (Cont'd)

(10) (Cont'd)

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

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

(11) BSA-C may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

(12) BSA-C may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).

(13) BSA-C may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CL in order to limit the amount of such traffic that can be completed.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(C) BSA-C (Cont'd)

(14) BSA-C is provided with the following features in the originating direction for operator assistance services. BSA-C may require the routing by Service Class Routing Arrangement.

(a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CL.

(b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices - Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

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

(c) Operator Assistance - Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available - This arrangement provides the combined features described in (a) and (b).

(15) BSA-C is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-C.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(D) BSA-D

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

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

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

(2) BSA-D is provided as trunk-side switching through the use of end office or Telephone Company access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. BSA-D may also be provided with certain Basic Service Elements as shown in 4.2.21.

(3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which BSA-D is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or an Alternate Traffic Routing Arrangement, as shown in 4.2.21, Service Class Routing Arrangement; Trunk Access Limitation Arrangement; or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.

(4) BSA-D is arranged for either originating calling only, terminating calling only, or two-way calling and is based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CL. Terminating calling permits the termination of calls from the CL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) BSA-D is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CL where the BSA-D terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(D) BSA-D (Cont'd)

(6) BSA-D, when being used in the terminating direction, may be used to access valid NXXs in the BSA-D Access Area. If the BSA-D connection is made directly to an end office the Access Area is that of that end office only. If the BSA-D connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have BSA-D capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single BSA-D trunk group may be used. Traffic terminating at a non equal access end office using a BSA-D trunk group will be ordered as BSA-B or BSA-C and billed at BSA-B or BSA-C rates. Separate trunk groups for the combined use of BSA-D and BSA-B or BSA-D and BSA-C are not required. The description of any BSA-D Access Area will be provided to the customer upon request. BSA-D may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.

(7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-D arrangement provided.

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

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for BSA-D Switched Access Service. When the customer orders BSA-D Switched Access Service with 950-XXXX Access as described in 4.2.5(S), BSA-D switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as BSA-D switched access calls.

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(D) BSA-D (Cont'd)

(9) BSA-D may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.21. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(D) BSA-D (Cont'd)

(10) BSA-D is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-D will be provided with automatic testing.

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-D or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

(d) When BSA-D or 800/888/877 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

(D) BSA-D (Cont'd)

(11) BSA-D may, at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.21, delivers originating traffic from an end office over a designated trunk group to the CL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CLs.

(12) BSA-D may, at the option of the customer and with the concurrence of the Telephone Company, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.

(13) BSA-D will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.

(14) BSA-D may, at the option of the customer and with the concurrence of the Telephone Company, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

(D) BSA-D (Cont'd)

(15) BSA-D may, at the option of the customer and with the concurrence of the Telephone Company, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. BSA-D is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.

(16) BSA-D is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to a Telephone Company access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Telephone Company access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 though 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-D.

(17) BSA-D trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with BSA-D is Overlap Outpulsing. At the option of the customer, where technically available BSA-D may be provided with Non-Overlap Outpulsing signaling protocol.

(E) Dedicated Network Access Link (DNAL)

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

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

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

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

(F) Alarm Signal Transport Service (ASTS)

ASTS is offered via DC (Metallic) and telegraph-grade facilities in conjunction with special scanning equipment in the central office.

DC (Metallic) and telegraph-grade facilities and services were discontinued effective November 3, 1991.

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport

(A) General

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

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

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

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

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

The application of the Switched Transport rates and the determination of mileage measurements for Switched Transport is in 4.5.2(K)(1).

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
** Due to billing constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until the billing system can accommodate this service.

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport

(A) General (Cont'd)

(2) Switched Transport facilities provide two-way voice frequency transmission paths that permits the transport of calls in the originating direction (from the end office switch to the CL), and in the terminating direction (from the CL 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 the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Telephone Company will determine(1) service to be routed directly to an end office switch or via an access tandem switch and (2) the directionality of the service.

(3) For Tandem-Switched Transport the number of Switched Transport transmission paths provided between an end office switch and an access tandem are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the access tandem and serving wire center of the CL is determined by the customer's order. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods.

(4) Where Windstream Telecom* and Windstream Systems* elects to provide equal access via a centralized equal access tandem arrangement, the Telephone Company will designate the serving wire center. These locations are listed in 15.2.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility

The Entrance Facility provides the transmission path and the interface between the Telephone Company's serving wire center and customer provided facilities at the point of termination at the CL.

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Provision of the Entrance Facility and any Optional Arrangements may require placement of Telephone Company equipment (e.g., supervisory signaling equipment as described in 4.2.3(G)(2) on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer be provided with Optional Arrangements as set forth in (C).

The following Standard Entrance Facilities are available:

Two-Wire VF
Four-Wire VF
Group Analog (existing customers only)
Supergroup Analog (existing customers only)
Mastergroup Analog (existing customers only)
DS1 Digital
DS1C Digital (existing customers only)
DS3 Digital
DS3C Digital (existing customers only)

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

(1) Two-Wire Voice Frequency Entrance Facility

(a) The Two-Wire Voice Frequency Entrance Facility, except as set forth in (b) following, provides two-wire voice frequency transmission at the point of termination at the CL. The interface is capable of transmission signals within the frequency bandwidth of approximately 300 to 3000 Hz.

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd)

(1) Two-Wire Voice Frequency Entrance Facility (Cont'd)

(b) The Two-Wire interface is not provided in association with FGC, FGD, BSA-C and BSA-D when the serving wire center is a Telephone Company access tandem. In addition, the two-wire interface is not provided in association with FGB and BSA-D when the serving wire center is a Telephone Company access tandem where two-wire terminations are not provided.

(c) The transmission path between the point of termination at the CL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

(d) The Two-Wire interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-D, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer and with the concurrence of the Telephone Company, be provided with DX supervisory signaling or E&M supervisory signaling as in 4.2.3(G)(2).

(2) Four-Wire Voice Frequency Entrance Facility

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

(b) The transmission path between the point of termination at the CL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

(c) The interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start signaling. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer and with the concurrence of the Telephone Company, be provided with supervisory signaling as in 4.2.3(G)(2).

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd)

(3) Group Analog Entrance Facility

(a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CL. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths.

Between the serving wire center and the point of termination at the CL, the Telephone Company may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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

(c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers as of October 15, 1995.

(4) Supergroup Analog Entrance Facility

(a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths.

Between the serving wire center and the point of termination the Telephone Company may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

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

(c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of October 15, 1995.

(5) Mastergroup Analog Entrance Facility

(a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CL. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths.

Between the serving wire center and the point of termination at the CL, the Telephone Company may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd)

(5) Mastergroup Analog Entrance Facility (Cont'd)

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

(c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of October 15, 1995.

(6) DS1 Digital Entrance Facility

(a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CL, when analog switching utilizing analog terminations are provided, the Telephone Company may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

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

(7) DS1C Digital Entrance Facility

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

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

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

(c) As of October 15, 1995, the DS1C Digital Entrance Facility is available to existing customers only.

(B) Entrance Facility (Cont'd)

(8) DS2 Digital Entrance Facility

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

(9) DS3 Digital Entrance Facility

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

Between the first point of switching and the point of termination at the CL when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

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

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Standard Entrance Facility (Cont'd)

(10) DS3C Digital Entrance Facility

(a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths.

Before the first point of switching and the point of termination at the CL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 1344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Telephone Company will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

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

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

(d) As of October 15, 1995, the DSC3 Entrance Facility is available to existing customers only.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(C) Direct-Trunked Transport

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 or DS3 high capacity transport dedicated to the customer of record from a serving wire center to an end office (including host end offices), between a serving wire center and a Telephone Company Hub for multiplexing purposes, between two Telephone Company Hubs, between a serving wire center and a Directory Assistance Center, between a Telephone Company Hub and end office or between a serving wire center and a tandem. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Transport has only a distance-sensitive component. The distance-sensitive mileage recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The non-distance sensitive component, i.e., the termination component, recovers costs of circuit equipment at the ends of the transmission links. Direct-Trunked Transport is not provided at Telephone Company end offices that are not capable of measuring switched access minutes of use. These end offices are specified in NECA Tariff FCC No. 4.

(D) Tandem-Switched Transport

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

(E) Interconnection Rate

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(F) Multiplexing

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

Listed below are the multiplexing arrangements offered with switched access.

- DS1 to Voice

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

- DS3 to DS1

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(G) Optional Arrangements

(1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, Telephone Company traffic routing plans and the customer's order for service.

(2) The Telephone Company will provide Optional Arrangements in association with the Entrance Facilities listed in 4.2.3(B)(1) and (2). The provision of such Optional Arrangements may require placement of Telephone Company equipment on the customer's premises. These Optional Arrangements are nonchargeable.

(a) Supervisory Signaling

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

For Interface Arrangements (1) and (2)
DX Supervisory Signaling arrangement, or
E&M Type I Supervisory Signaling arrangement, or
E&M Type II Supervisory Signaling arrangement.

For Interface Arrangement (2)
SF Supervisory Signaling arrangement, or
E&M Type III Supervisory Signaling arrangement.

These optional supervisory signaling arrangements are unavailable in conjunction with Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(W).

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.4 Description of End Office Services

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

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

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

End Office Switching provides the following:

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

End Office Switching is divided into two categories; End Office Switching - Bundled (EOSB) and End Office Switching - Unbundled (EOSU). Application of the charges is in 4.5.2(K)(4) and the rates are in 4.6.3(B), (C) and (D).

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements

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

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

(A) Alternate Traffic Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a CL until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second CL. The customer shall specify the last trunk CCS desired for the high usage group.

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

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BES as specified in 4.2.21 and 4.5.4.

(B) Automatic Number Identification (ANI) Arrangement

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

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

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(B) Automatic Number Identification (ANI) Arrangement (Cont'd)

(1) Telephone number is the station billing number - no special treatment is required.

(2) Multiparty line telephone number is a 2 (in some instances), 4 or 8 party line and cannot be identified - number must be obtained via an operator or in some other manner.

(3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.

(4) The configuration of the line requires special screening or handling by the customer, or

(5) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

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

(a) InterLATA Area restricted - telephone number is identified line.

(b) InterLATA Area restricted - line requires special screening or handling by the customer.

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

The ANI Arrangement is available with BSA-B, BSA-C and BSA-D as a chargeable BSE as specified in 4.2.21 and 4.5.4.

(C) Intra Access Area Call Denial on Line or Hunt Group

This option is provided in conjunction with FGA and BSA-A and allows for the screening of terminating calls within the FGA Access Area, and for completion only of calls to 411, 611, 911, 800, 888, 877, 555-1212, and a specified set of NXX codes within the FGA or BSA-A Access Area. The set of NXX codes to which calls will be completed is selected by the FGA or BSA-A customer, in cooperation with the Telephone Company, from those NXX codes within the local calling area of the end office where the FGA or BSA-A connection is provided. All other calls are routed to a reorder tone or recorded announcement. This arrangement is provided at no charge in Telephone Company end offices, where available.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(D) InterLATA Call Denial on Line or Hunt Group

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

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

This arrangement is provided in Telephone Company end offices, where available. It is available with FGA or BSA-A at rates and charges as set forth in Section 4.5.2(B). Blocking of the 800/888/877 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

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

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

* Outside the Access Area, dialed as either 7D, 10D, 1+7D, 1+10D, 950-XXXX, 101XXXX+7D or 101XXXX+10D.
* Service Access Codes (500, 700, 800, 888, 877 and 900).
* Operator, dialed as either 0+, 0- or 00.

This arrangement is provided in Telephone Company end offices, where available. It is available with FGA or BSA-A at rates and charges as in 4.5.2(B). Blocking of the 800/888/877 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(F) Dual Tone Multifrequency Address Signaling

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

(G) Hunt Group Arrangement

The Hunt Group Arrangement is available with FGA as a nonchargeable option. This feature is available with BSA-A as a chargeable BSE as specified in 4.2.21 and 4.5.4.

(1) This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This arrangement contemplates one access code (i.e., telephone number) per arrangement.

(2) This option provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Telephone Company.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(H) Customer Specification of Switched Access Directionality

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

(I) International Direct Distance Dialing Arrangement

This option allows for FGD or BSA-D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to route originating international calls to an IC 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 from the international carrier that the predesignated IC is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the predesignated IC to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing.

(J) Nonhunting Number for Use with Hunt Group Arrangement

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

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

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

(L) Operator Assistance Full Feature Arrangement

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

(M) Rotary Dial Station Signaling

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(N) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a CL, based on the service prefix code (e.g., 0- 0+) or service access code (e.g., 500, 600, 700, 800, 888, 877 or 900). It is provided in suitably equipped end office or access tandem switches and is available with FGC, FGD, BSA-C and BSA-D. Originating 500-NXX-XXXX calls are routed in accordance with the 500 Customer Identification Function described in 4.2.20. Originating 800-NXX-XXXX, 888-NXX-XXXX or 877-NXX-XXXX calls are routed in accordance with the 800/888/877 Customer Identification Function as described in 4.2.10.

(O) Service Code Denial on Line or Hunt Group

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

(P) Trunk Access Limitation

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

(Q) 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 arrangement is provided with originating use for FGA and terminating use for Special Access Lines.

Uniform Call Distribution is available with BSA-A as a chargeable BSE as specified in 4.2.21 and 4.5.4.

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

This option provides for the end office capability of providing up to 7 digits of the access code to the CL. 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 CL using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that arrangement were provided. It is available with FGB and BSA-B in suitably equipped end offices.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

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

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

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

(T) Operator Assistance for SAC Access Service

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

(U) Switching Interface

This feature provides the line switching and line supervisory functions necessary to interface between Switched Access and Special Access as set forth below for the provision of customer services (e.g., WATS or WATS-type Access). This feature is provided at appropriately equipped Telephone Company WATS Serving Offices and must be ordered with each Access in accordance with the following configurations and access code arrangements. The Switched Access is available from Section 4 of this tariff, except as set forth in (4) following, to provide connectivity from the WATS Serving Office to the CL of the customer. The Special Access is available from Section 5 of this tariff to provide connectivity from the WATS Serving Office to the CL of the end user.

This feature is available in the configurations in (1) through (4) following.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(U) Switching Interface (Cont'd)

(1) Originating Only

Originating Only, which is available on a per line basis, provides for the origination of intrastate calls from a Special Access Line to the customer via a form of Switched Access FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C or BSA-D. The following Originating Access Configuration offered herein passes:

- All NPA-NXX-XXXX calls, all 700-NXX-XXXX calls and all FNPA-555-1212 calls when preceded by the access code of 1+.

- For FGA or BSA-A, a connection of the WATS provider that terminates directly at a WATS Serving Office (WSO) and can be accessed via the standard seven-digit number.

- For FGB or BSA-B, a connection of the WATS provider that can be assessed from the WSO via 950-XXXX or 1+950-XXXX.

- 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+887-NXX-XXXX calls to the carrier in accordance with the 800/888/877 Customer Identification Function described in 4.2.10.

- 1+900-NXX-XXXX calls to the carrier in accordance with the 900 Customer Identification Function described in 4.2.11.

- 1+500-NXX-XXXX calls to the carrier in accordance with the 500 Customer Identification Function described in 4.2.20.

a. Additional Access Code Arrangements

At the option of the customer and subject to technical availability, the following additional access code arrangements are available to be ordered by a customer on a statewide basis:

i. Operator Access:

0 - available with FGC or BSA-C -

All 0 calls are directed to the Telephone Company operator. All interLATA calls will then, due to technical limitations, be sent to AT&TC for completion.

0, 00 and 0+ - available with FGD or BSA-D -

All 0 calls are directed to the Telephone Company operator. All interLATA calls will then, due to technical limitations, be sent to AT&TC for completion.

All 00 calls are passed to the customer for completion.

All 0+ calls will be passed to the customer for completion.

ii. Multiple Carrier Access:

- available with FGD or BSA-D

All 101XXXX+ calls, 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls and all 1+900-NXX-XXXX calls are sent to the appropriate IC as indicated by the codes dialed.

The optional additional access code arrangements are available only as set forth in i. and ii. above.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(U) Switching Interface (Cont'd)

(2) Terminating Only

Intrastate Terminating Only, which is available on a per-line basis, provides for the termination of all calls via Switched Access FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C and BSA-D to a Special Access Line.

(3) Combined Originating/Terminating

Combined Originating/Terminating, which is available on a per-line basis, provides the combined functionality of the Originating Only and Terminating Only configurations, as set forth preceding.

(4) Multi-Jurisdictional Access

Multi-jurisdictional Access is when the customer orders an interstate Special Access Line, as in 5.1.1(C) of Windstream Telecom Tariff FCC No. 1 for the combined use of interstate and intrastate traffic. The intrastate provisions are as offered within this tariff, which includes (1) through (3) above. The interstate provisions are as offered in the Windstream Telecom Tariff FCC No. 1.

An interstate Switching Interface and an intrastate Switching Interface must be ordered for the provision of Multi-jurisdictional Access.

All calls carried over a Special Access Line used in conjunction with a Switching Interface for Multi-jurisdictional Access will be passed to the customer for completion except in the case when the end user voluntarily uses a multiple carrier access code as offered in ii. preceding.

The terms, conditions, and rates for the intrastate Special Access and Switched Access associated with this feature are as set forth in Sections 4 and 5 of this tariff. The terms, conditions, and rates for the interstate Switched Access are as set forth in the Windstream Telecom Tariff FCC No. 1.

When the customer orders Special Access from Section 5 of the Windstream Telecom Tariff FCC No. 1 for the facilities between the end user's premises and the WATS Serving Office for use with Multi-jurisdictional Access as set forth above, the customer will be exempted from the intrastate charge for these same facilities.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(V) Switched Data Service

(1) Switched 56

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

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

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

(2) Switched 64

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

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

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

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

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

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

(X) Calling Party Number (CPN) Parameter

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user.

(Y) Carrier Selection Parameter (CSP)

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

(Z) Charge Number (CN) Parameter

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

(A)(A) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in 4.6.7. Application of the charges is in 4.5.2(K)(6).

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.6 Call Restriction and Code Screening Reports

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.7 Installation and Acceptance Testing of Switched Access

(A) The Switched Access provided under this tariff (a) will include any Telephone Company installed equipment, entrance cable or drop wiring, and wiring or cable within a building necessary to terminate the Switched Access at a point of termination reasonably situated so as to serve the CL, and (b) will be installed by the Telephone Company to such a point of termination. The customer shall be responsible for providing facilities beyond the point of termination. When performing installation and acceptance testing, the Telephone Company will, on a cooperative basis, test the line or trunk beyond the customer's first point of switching (i.e., End-To-End).

(B) At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, loss, 3-tone slope, DC continuity C-notched noise, C-message noise and operational signaling, when applicable. When the Interface Arrangement is established at the Telephone Company's first point of switching, and the customer requests these tests, the Telephone Company will perform the tests independently and provide the results to the customer. When the Interface Arrangement provides a four-wire voice transmission facility and the point of termination provides two-wire voice transmission (i.e., there is a four-wire to two-wire conversion at the point of termination), echo control (balance-echo return loss/equal level echo path loss) may also be tested.

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

If acceptance tests are not started within 30 minutes after the scheduled appointment time for such tests, as negotiated between the Telephone Company and the customer, additional charges will apply, as set forth in 6.2(D) and 6.2(F) following, unless the delay is caused by the Telephone Company.

4.2.8 Provision of Design Layout Report

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

4.2.9 Network Management

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.10 800/888/877 Customer Identification Function

This function utilizes 800/888/877 Data Base Query Service, as described in 4.2.18, to screen all ten digits of all 800-NXX-XXXX, 888-NXX-XXXX or 877-NXX-XXXX type calls generated by end users to determine the customer to which the 800/888/877 call is to be routed. This function is provided in conjunction with 800/888/877 SAC Access Service.

4.2.11 900 Customer Identification Function

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

4.2.12 Design and Routing of Switched Access

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

4.2.13 Provision of Switched Access Performance Data

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

4.2.14 Transmission Performance

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.15 Design Blocking Probability

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

(A) For FGA or BSA-A no design blocking criteria apply.

(B) For FGB, FGC, BSA-B, BSA-C and SAC Access Service, the design blocking objective will be one percent (.01) between the CL and the first point of switching as set forth in reference document GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(C) For FGD or BSA-D the design blocking objective will be one percent (.01) between the CL and the end office switch as set forth in reference document GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(D) When FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service is ordered in trunks, the Telephone Company cannot guarantee these design blocking probabilities. The Telephone Company will perform routine measurement functions, except on FGA or BSA-A, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (BHMC or quantities of trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

(1) For FGB, FGC, BSA-B and BSA-C transmission paths carrying traffic between a CL and the first point of switching, or FGD and BSA-D transmission paths, carrying traffic direct between a CL and an end office, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5 - 6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.15 Design Blocking Probability (Cont'd)

(D) (Cont'd)

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

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

4.2.16 Special Facilities Routing

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

4.2.17 Information Surcharge

(A) The Information Surcharge applies to each Switched Access minute of use (measured or assumed) and shall be assessed upon all customers that use local switching facilities for the provision of intrastate or foreign telecommunications.

(B) The Information Surcharge is to recover the costs of the functions associated with the printing of the directory white pages. The surcharge is assessed to a customer based on the total number of access minutes at the rates in 4.6.4.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.18 800/888/877 Data Base Query Service

800/888/877 Data Base Query Service, offered in conjunction with 800/888/877 SAC Access Service, performs the 800/888/877 Customer Identification Function, as described in 4.2.10, to determine the customer to whom 800/888/877 calls must be routed. For all 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls originated by an end user, the Telephone Company will perform the customer identification function using a Telephone Company 800/888/877 Data Base to screen the dialed ten digits of the 800/888/877 call to determine the customer selected by the 800/888/877 subscriber to carry that 800/888/877 call. If the 800/888/877 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/888/877 Data Base Query Service, the 800/888/877 call will be routed to the selected customer for completion.

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

Premium 800/888/877 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+887-NXX-XXXX calls to:

(A) Different customers based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.

(B) Different terminating locations based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.

(C) Standard seven digit local exchange telephone numbers at the terminating end based on the 800/888/877 subscriber's specific requirements.

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

Rate regulations and charges applicable to 800/888/877 Data Base Query Service appear in 4.5.2(F) and 4.6.3(A).

4.2.19 Access Tandem Arrangements

For Windstream Telecom* and Windstream Systems* exchanges, trunk side switched access services may be provided via an access tandem to specify end offices subtending that access tandem. Each subtending end office will be located within the Access Tandem Network as defined by the Telephone Company. Access Tandem offices are identified in the National Exchange Carrier Association Tariff FCC No. 4. The Telephone Company will provide the description of an Access Tandem Network to a customer upon request. When trunk side access is ordered to a specific access tandem office, access will be provided to all the NXXs included in that Access Tandem Network.

4.2.20 500 Customer Identification Function

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

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.21 Basic Service Elements

The following Basic Service Elements (BSEs) are chargeable unbundled service options available only with Basic Serving Arrangements. The Telephone Company makes no guarantee that these BSE's will be available in all locations. Rate regulations and charges applicable to BSEs appear in 4.5.4 and 4.6.3.

(A) Alternate Traffic Routing - BSE

This BSE provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) via a trunk group (the "high usage" group) to a CL until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group or groups (via one or more intermediate high usage groups) to one or more CLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

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

(B) Automatic Number Identification (ANI) - BSE

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

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

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

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

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.21 Basic Service Elements (Cont'd)

(B) Automatic Number Identification (ANI) - BSE (Cont'd)

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

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

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

(1) Telephone number is the station billing number - no special treatment is required.

(2) Multiparty line telephone number is a 2, in some instances, 4, or 8 party line and cannot be identified - number must be obtained via an operator or in some other manner.

(3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.

(4) The configuration of the line requires special screening or handling by the customer, or

(5) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

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

(a) InterLATA Area restricted - telephone number is identified line.

(b) InterLATA Area restricted - line requires special screening or handling by the customer.

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

(C) User Transfer - BSE

A feature which provides the ability to temporarily hold an established call, originate another call to a third party, and then redirect the first call to the third party. When a call has been transferred, the original line is cleared to place or receive another call.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.21 Basic Service Elements (Cont'd)

(D) Hunt Group Arrangement - BSE

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

(E) Queuing - BSE

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

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

(F) Uniform Call Distribution - BSE

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

(G) Simplified Message Desk Interface (SMDI)

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

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

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.21 Basic Service Elements (Cont'd)

(H) Caller Identification - Number (ICLID) - BSE

This BSE provides the customer with the calling party's directory number at the time the call is received. The calling number is transmitted to the customer during the first silent interval of the ringing cycle. The number is displayed on customer-provided equipment.

Where available, this arrangement is provided as a nonchargeable option with originating BSA-A.

(I) Remote Call Forwarding - BSE

Remote Call Forwarding (RCF) is a service that utilizes a seven digit Directory Number (DN) to automatically forward all incoming calls to another DN. The forwarded to number can be in the same central office switch or in another central office switch.

The remote call forwarding directory number is not directly associated with an access connection arrangement, but rather is a software translation programmed within the central office switch. All calls dialed to that directory number will forward to another number automatically. The subscriber to this capability does not have a station set for termination of calls made to their remote call forwarding number. Where available, this arrangement is provided with BSA-A.

(J) Direct Inward Dialing (DID) - BSE

This BSE provides a two or four wire DID trunk side termination with line treatment at the first point of switching that permits the Dial Tone Central Office Switch to deliver all or part of the called number to the customer premises at the time the call is established. Multifrequency (MF), Dual Tone Multifrequency (DTMF) or Dial Pulse address signaling is used by the Telephone Company to deliver only the called telephone number to the customer premises. No other address signaling will be delivered to the customer premises. The type of signaling utilized depends on the Dial Tone Office switching equipment available. If additional address signaling is required by the customer, it must be provided by the customer's end user using inband tone address signals which will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

This BSE is only available with new BSA-A arrangements and only in the originating direction. The customer must order a DID Termination and the first group of 20 DID numbers to be associated with the DID Termination in addition to BSA-A service. Additional groups of 20 DID telephone numbers are available. The DID optional feature is only available as a stand alone BSE or optional feature, no other BSEs or optional features can be used in conjunction with it. If the grade of service at the group busy hour of the DID trunk group is less than P.05 for two consecutive months, the customer may be required to subscribe to additional DID Terminations.

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.21 Basic Service Elements (Cont'd)

(K) Billed Number Screening (BNS) - BSE

This BSE prevents the billing of incoming collect and third number billed calls to a customer's telephone account.

Where available, this arrangement is provided with BSA-A.

(L) Digital Channel Service (CLDCS) - BSE

This BSE provides a digital common line connection between the CL and the local serving wire center. The digital transmission rate available is either DS1 (1.544 Mbps) or DS3 (44.736 Mbps).

Digital Channel Service will be used by the customer to aggregate the customer's telecommunication services onto a digital local loop.

This arrangement is provided on an Individual Case Basis (ICB) with BSA-D.

4.3 Obligations of the Customer

4.3.1 On and Off-Hook Supervision

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

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.2 ASR Requirements

The customer shall order all Switched Access as described in Section 3 and 4.3.2 and 4.3.3.

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

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

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

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

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

4.3.3 Jurisdictional Determination

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

(A) When the Telephone Company has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic, the Telephone Company will determine the jurisdiction of Switched Access traffic. In those instances where the Telephone Company cannot determine the jurisdiction, the customer will be required to provide this information as described following.

(B) The interstate usage is to be developed as though every call that originates from a calling location (as designated by the calling station number) in a state other than that where the called station (as designated by the called number) is situated is an interstate communication. The manner in which a call is routed through the telecommunications network does not affect the jurisdiction of a call, i.e., a call between two points within the same state is an intrastate call even if it is routed through another state.

(C) When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of originating and terminating access minutes of use or message, or if the Telephone Company disputes the accuracy of the PIU reported by the customer, the Telephone Company will bill according to these actual minutes of use and will not use customer reported Percent Interstate Usage (PIU) factors.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(D) Where the Telephone Company receives insufficient call detail to determine the jurisdiction, the Telephone Company will apply the customer's projected PIU factor to apportion the usage between interstate and intrastate. In the event the customer does not supply the projected PIU and the Telephone Company does not have sufficient call detail to determine the jurisdiction of the call, only then will a PIU of 50 percent (50%) be applied.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(E) When determining the jurisdiction of Switched Access traffic provided via a BSA or BSE and the intrastate equivalent of the BSA or BSE is only available on a bundled feature group basis, intrastate usage will be prorated to the bundled intrastate feature group equivalent of the BSA.

(F) The customer will provide in its initial order the projected Percent Interstate Usage (PIU) at a statewide level on a local exchange company specific basis. When the customer computes the PIU it will subtract the developed PIU from 100 and the difference is the percent intrastate usage. The sum of the interstate and intrastate percentages will equal 100 percent. A PIU of less than 100 percent is not allowed where the interstate service is not also available in the appropriate intrastate access tariff. The projected PIU may include up to two decimals.

(G) When a customer submits an order for Switched Access services the customer must state the Percentage of Interstate Usage (PIU) on a statewide level on a local exchange company basis as follows:

(1) For FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, 500, 800, 888, 877 and 900 End Office services, the PIU will be applied to the appropriate Carrier Common Line, End Office Switching, Information Surcharge, Interconnection Charge, and, if applicable, Tandem Switched Transport and Tandem Switching minutes of use.

(2) A PIU shall be provided for each Entrance Facility and a separate PIU shall be provided for each Direct-Trunked Transport facility reflecting the originating and terminating traffic of all Switched Access services that use such facilities. When a customer orders the same type of Entrance Facility and Direct-Trunked Transport, i.e., DSO, DS1 or DS3, from the CL to the first point of switching or Telephone Company hub, the customer may submit one PIU to be applied to both the Entrance Facility and the Direct Trunked Transport. A consolidated PIU for all Entrance Facility and Direct-Trunked Transport elements may be provided at the option of the customer if such PIU is representative of the actual interstate use of the service.

(H) If the customer provides jurisdictional information, the customer's projected Percent Interstate Usage (PIU) will be provided at a statewide level on a local exchange company basis as follows:

(1) Effective on the first of January, April, July and October of each year the customer will update the interstate and intrastate jurisdictional report, except when Telephone Company Measured Access minutes are used as set forth in (C) preceding. The customer will forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report or letter for all services 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.

(2) Except when Telephone Measured Access minutes are used as set fourth in (C) preceding or when a 50% default PIU is applied as set forth in (D) preceding, the revised report or letter will serve as the basis for the next three months' billing and will be effective on the first day of the next monthly billing period which begins at least 15 business days after the day on which the customer reports the revised jurisdictional information to the Telephone Company. If the customer does not supply an updated quarterly report or letter, the Telephone Company will assume percentages to be the same as those provided in the last quarterly report or letter accepted by the Telephone Company. If an audit has been completed and an updated quarterly report or letter has not been submitted subsequent to the audit, the Telephone Company will assume the PIU factors to be the most recent audited results. For those cases in which a quarterly report or letter has never been received from the customer, the Telephone Company will assume the PIU factors to be the most recent audit results, or to be the same as provided in the order for service if no audit has been performed, or 50 percent if no audit has been performed and the Telephone Company disputes the accuracy of the PIU reported in the customer's order for service.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(H) Cont'd

(3) When a customer provides a projected interstate usage percent as set forth in the preceding paragraphs, or when a billing dispute arises or a regulatory commission questions the projected interstate percentage for Exchange Access, the Telephone Company may, by written request, require the customer to provide the data the customer used to determine the projected interstate percentage. This written request will be considered the initiation of the audit. The customer shall supply the data to the Telephone Company within 30 days of the Telephone Company request. Neither an audit nor the Telephone Company's written request for data is a condition precedent to the Telephone Company's ability to challenge the customer's projected PIU before a regulatory agency or court. The Telephone Company has the right to obtain a resolution of a billing dispute involving a customer's PIU by a regulatory agency or court regardless of whether or not there has been an audit or the Telephone Company has requested data from the customer. The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained as set forth in (I) and (J) following and upon request of the Telephone Company make the records available for inspection at an agreed upon location during normal business hours as reasonably necessary for purposes of verification of the percentages. The Telephone Company will audit data from one quarter unless a longer period is requested by the customer and agreed to by the Telephone Company. The period of time covered by an audit and the length of time a customer maintains records does not prevent the Telephone Company from seeking and obtaining the resolution of billing disputes involving a customer's projected PIU from a regulatory agency or court for earlier periods of time.

(4) If the customer does not provide the requested data to the Telephone Company or independent auditor within thirty (30) days of the notice of audit, the customer will be in violation of this Tariff and subject to 2.1.8 preceding.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(I) Audits

(1) Verification audits may be conducted no more frequently than once per year except in extreme circumstances. The Telephone Company and customer will attempt to limit the audit to a reasonable time to effectively complete the audit. The Telephone Company and customer shall respond promptly to requests generated during the audit to ensure timely completion of the audit.

(2) Audits may be conducted by: (a) the Telephone Company; or (b) an independent auditor selected and paid for by the customer, provided that the selection and identity of such auditor has been pre-approved by the Telephone Company. If the customer selects option (b), where it pays for its own independent audit, the selected auditor must certify that the audit was performed following F.C.C. procedures for measuring interstate traffic as established by Commission Order, and provide to the Telephone Company a report with supporting documentation to verify such procedures.

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

(4) In those situations where a PIU for Entrance Facility or Direct-Trunked Transport charges has not been provided with a quarterly update and is therefore not available, the Telephone Company will apply a current PIU from its Jurisdictional Factors Database. The first available factor from the following sequence will be selected: Feature Group D first and Feature Group B second.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(J) Maintenance of Customer Records

(1) The customer shall retain for a minimum of six (6) months call detail records that substantiate the interstate percent provided to the Telephone Company as set forth in the preceding paragraphs. Such records shall consist of (a) and (b), if applicable, following:

(a) All call detail records such as work papers and/or backup documentation including paper, magnetic tapes or any other form of records for billed customer traffic, call information including call terminating address (i.e., called number), the call duration, all originating and terminating trunk groups or access lines over which the call is routed, and the point at which the call enters the customer's network and;

(b) If the customer has a mechanized system in place that calculated the PIU, then a description of that system and the methodology used to calculate the PIU must be furnished and any other pertinent information (such as but not limited to flowcharts, source code, etc.) relating to such system must also be made available.

(K) Audit Results

(1) Audit results will be furnished to the customer via Certified U.S. Mail (return receipt requested). The Telephone Company will adjust the customer's PIU based upon the audit results and apply it to the usage for the two (2) quarters following the completion of the audit. The Telephone Company may also, solely within its discretion, use the customer's PIU based on the audit results to backbill the customer for intrastate access service if the audit finds that the customer over-stated the PIU. After the end of the second quarter following the completion of the audit, the customer may report a revised PIU pursuant to (H) preceding. If the revised PIU submitted by the customer represents a deviation of 5 percentage points or more, from the audited PIU, and that deviation is not due to identifiable reasons, the provisions in (D) preceding may be applied.

(2) Both credit and debit adjustments will be made to the customer's interstate access charges for the specified period to accurately reflect the interstate usage for the customer's account consistent with Section 2.4.1 preceding.

(3) If, as a result of an audit, a customer is found to have over-stated the PIU, the Telephone Company may, within its sole discretion, require reimbursement from the customer for the Telephone Company's internal and external costs relating to the audit and back-bill the customer for intrastate access service using the percent intrastate use from the audit. Such bill(s) shall be due and paid in immediately available funds 30 days from receipt and shall carry a late payment penalty as set forth in Section 2.4.1 preceding if not paid within the 30 days.

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(L) Contested Audits

(1) When a PIU audit is conducted by the Telephone Company, the audit results will be furnished to the customer by Certified U.S. Mail (return receipt requested). The customer may contest the audit results based on substantive cause by providing written notification, by Certified U.S. Mail (return receipt requested), to the Telephone Company within thirty (30) calendar days from the date the audit report is furnished to the customer. When a PIU audit is conducted by an independent auditor selected by the customer, the audit results will be furnished to the Telephone Company by Certified U.S. Mail (return receipt requested). The Telephone Company may contest the audit results by providing written notification, by Certified U.S. Mail (return receipt requested), to the customer within thirty (30) calendar days from the date the audit report is furnished to the Telephone Company.

(2) Contested audits may be resolved by a neutral arbitrator mutually agreed upon by the Telephone Company and the customer. Arbitration is an option provided in addition to the customer's existing right to file a complaint or legal action in a court of law or at the FCC for resolution of the dispute. The arbitration hearing will be conducted in a state or location within the Telephone Company operating territory where the customer maintains a principle or significant presence or a state and location within the Telephone Company operating territory that is mutually agreed upon by both parties. The arbitration proceeding shall be governed by the law (both statutory and case) of the state in which the arbitration hearing is held, including, but not limited to, the Uniform Arbitration Act, as adopted in that state. The arbitrator shall determine the customer's PIU based on (B) preceding.

(3) Prior to the arbitration hearing, each party shall notify the arbitrator of the PIU percentage which that party believes to be correct. The arbitrator, in deciding, may adopt the PIU percentage of either party or may adopt a PIU percentage different from those proposed by the parties. If the arbitrator adopts a PIU percentage proposed by one of the parties, the other party (whose PIU percentage was not adopted) shall pay all costs of the arbitration. If the arbitrator adopts a PIU percentage higher than either of the PIU percentages proposed by the parties, then the party proposing the lower PIU percentage shall pay all costs of the arbitration. If the arbitrator adopts a PIU percentage lower than either of the PIU percentages proposed by the parties, then the party proposing the higher PIU percentage shall pay all costs of the arbitration. If the arbitrator adopts a PIU percentage which falls between the two percentages adopted by the parties, then the parties shall each pay one-half of the arbitration costs.

(4) Absent written notification contesting the results of an audit within the timeframe noted above, the customer must render payment to the Telephone Company in compliance with the provisions set forth in (K) preceding. If the customer fails to comply with these provisions, the Telephone Company may refuse additional applications for service and/or refuse to complete any and all pending orders for service or may discontinue the provision of the services to the customer as specified in 2.1.8 preceding.

4. SWITCHED ACCESS (Cont'd)

4.4 Payment Arrangements and Credit Allowances

4.4.1 Cancellation of Applications

A customer may cancel an application for Switched Access in accordance with the regulations and charges as in Section 3.

4.4.2 Credit Allowances

(A) Allowances for interruptions are as in 2.4.4.

(B) For Windstream North* exchanges only, Usage Sensitive Service credit will be included in the FGA or BSA-A monthly bills rendered to customers to reflect usage charges collected from their end users for intrastate calls. The amount of credit per minute is in 4.6.5. The credit applies to the End Office Switching rate element for originating calls. When the customer is provided originating only FGA or BSA-A service the credit will apply to either the actual access minutes measured or the assumed minutes as in 4.5.2(L)(3).

No credit will apply for terminating only FGA or BSA-A.

* For listing of exchanges, see Section 1.1.1.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations

4.5.1 Rate Elements

For the purposes of determining the rates and charges for Switched Access including SAC Access Service, the following rate elements apply:

Entrance Facility
Direct-Trunked Transport
Tandem-Switched Transport
Multiplexing
Interconnecting Charge
End Office Switching
Information Surcharge
800/888/877 Data Base Query

FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are also subject to Network Blocking call charges per call as in 4.5.2 (G).

4.5.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access including SAC Access Service and 800/888/877 Data Base Query Service.

(A) Types of Rates and Charges

The following types of rates and charges apply to Switched Access:

(1) Usage Rated

Usage rates are rates applied on a per Access Minute basis as described in 4.5.2(K)(1), or they are applied on a per query basis either as basic or premium as described in 4.5.2(F).

End Office Switching and Information Surcharge rate elements are usage rated.

The Tandem-Switched Transport - Termination Tandem Switching and Interconnection rate elements are usage rated.

The Tandem-Switched Transport - Facility rate element is both usage and distance-sensitive.

(2) Flat Rated

Flat rates apply, on a per month basis, regardless of the amount of rate element usage. Flat rates may be either distance-sensitive or nondistance-sensitive.

Direct-Trunked Transport is flat-rated and, with the exception of Voiceband Transport, is both distance and nondistance-sensitive. Voiceband Transport is distance-sensitive only.

The Entrance Facility is flat-rated and is nondistance-sensitive.

Multiplexing is a flat-rated element.

(3) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activities in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement, Feature Group or Basic Serving Arrangement.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(a) Switched Access Installation and Ordering Charges

All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks or the conversion of existing Switched Transport circuits from a lower capacity service to a higher capacity service or from a higher capacity service to a lower capacity service. Waiver of these NRCs will be effective immediately and continue through December 31, 1995.

Changes in name or ownership or transfer of responsibility from one customer to another requires the discontinuance of service and the start of a new service when an interruption or relocation of service is involved. The Switched Access Ordering Charge and Service Installation Charge, if appropriate, and any appropriate Minimum Period Charges will apply per service change.

(1) Service Installation Charge

For Entrance Facilities, this charge applies to customer requests for installation of Switched Access Entrance Facilities from the CL to the serving wire center. The Service Installation Charge applies on a per Entrance Facility basis and is dependant upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3). In addition, for DS1 Entrance Facilities, a separate nonrecurring charge applies for the first DS1 Entrance Facility ordered and each additional DS1 Entrance Facility between the same CL and serving wire center. The "First System" charge is assessed per entrance facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time between the same CL and serving wire center, the "Additional System" charge will apply. Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation charge shall apply to the new Entrance Facility installation.

For multiplexing, this charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(a) Switched Access Installation and Ordering Charges (Cont'd)

(2) Switched Access Ordering Charge

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

The Switched Access Ordering Charge also applies to requests to activate additional trunks or to increase BHMC on existing Switched Transport Facilities and, changes in the type of Feature Group or Direct-Trunked Transport, for any modifications or changes to existing services that are not considered an administrative change as described in 4.5.2(A)(3).

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(a) Switched Access Installation and Ordering Charges (Cont'd)

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

- Change in name or ownership or transfer of responsibility from one customer to another provided there is no interruption of use or relocation of Switched Access Service.
- Change of customer or customer's end user premise address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change in customer circuit identification,
- Change of billing account number,
- Change of customer testline number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of agency authorization

(b) Design Change Charge

A design change is any change to a pending ASR or a change to an existing service which requires engineering review. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type. IC CL, end user premises, end office switch, Feature Group type or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(b) Design Change Charge (Cont'd)

The Design Change Charge for Switched Access Service as set forth in Section 4.6.1(B) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation and Ordering charges associated with the change requested.

If a change of service date is required, the Service Date Change Charge as set forth in 3.2.1(A) will also apply.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(c) 900 NXX Translation Nonrecurring Charge for Windstream Telecom* and Windstream Systems*

The 900 NXX Translation Nonrecurring Charge, as in 4.6.1(F), shall apply to each 900 NXX activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 900 Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Telephone Company must activate or deactivate the 900 NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first 900 NXX code contained in a customer's order and to the activation or deactivation of each additional 900 NXX code contained in the same order. In addition, the Switched Access Ordering Charge, as in 4.6.1(A) will apply per ASR submitted for the activation or deactivation of 900 NXX codes.

* For listing of exchanges, see Section 1.1.1, and 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(B) Installation Charge for FGA and BSA-A Optional Call Blocking Arrangements

This charge applies per FGA or BSA-A line equipped with either of the optional call blocking arrangements set forth in Section 4.2.5, InterLATA Call Denial on Line or Hunt Group or Call Denial on Line or Hunt Group outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges. The charge is applicable only to Windstream Iowa North* exchanges.

(C) Change of Switched Access Type

(1) For Windstream North* exchanges, changes from one type of Switched Access to another including the change from Feature Group to Basic Serving Arrangement or the change from Basic Serving Arrangement to Feature Group will be treated as a discontinuance of one type of FIA and start of another. The Switched Access Installation and Ordering Charges will apply, with the following exception. When a customer upgrades a FGA, FGB, FGC, BSA-A, BSA-B BSA-C to a FGD or BSA-D at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply.

(2) For Windstream Telecom* and Windstream Systems*, changes from one type of Switched Access to another including the change from Feature Group to Basic Serving Arrangement or the change from Basic Serving Arrangement to Feature Group will be treated as a discontinuance of one type of service and a start of another and new minimum period obligations will be established. Nonrecurring charges will apply, with one exception.

When a customer upgrades a FGA, FGB, BSA-A or BSA-B service to a FGD or BSA-D service, and when FGC or BSA-C is upgraded to FGD or BSA-D coincident with the availability of FGD or BSA-D in an end office the nonrecurring charge will not apply and minimum period obligations will not change if the following conditions are met:

(a) The same customer premises is maintained, and

(b) the customer submits a disconnect order for FGA, FGB, BSA-A or BSA-B within 30 days after the customer is notified by the Telephone Company as to the results of the final Presubscription allocation of end users to the customer. Further, the customer must request an effective date for the disconnect orders within 60 days after the Telephone Company has notified the customer of the results of the final Presubscription allocation.

(3) For Windstream North*, Windstream Telecom* and Windstream Systems* exchanges, when a customer orders the conversion of FGA to BSA-A, FGB to BSA-B, FGC to BSA-C, or the conversion of FGD to BSA-D at the same first point of switching and without the addition of BSEs not comparable to any optional arrangements already included with the feature group to be converted, the Switched Access Ordering Charge will not apply for a period of 180 days from the effective date of this tariff.

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.5 Rates and Charges Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(D) Moves

A move involves a change in the physical location of the point of termination of Switched Access. The charge for the move depends on whether the move is within the same CL or to a different CL.

(1) Same CL

(a) For Windstream North* exchanges, when the move is to a new point within the same CL, the Switched Access Ordering Charge, as in 4.6.1(A) will apply. There will be no change in the minimum period requirements.

(b) For Windstream Telecom* and Windstream Systems* exchanges, when the move is to new point within the same CL, the Switched Access Ordering Charge, as in 4.6.1(A) will apply.

(2) A Different CL

(a) For Windstream North* exchanges, when the move is to a different CL it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering Charges, as specified in 4.6.1(A) will apply to the Switched Access, installed at the CL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all minimum period charges associated with the disconnected Switched Access.

(b) For Windstream Telecom* and Windstream Systems* exchanges, when the move is to a different CL, it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering Charges, as specified in 4.6.1(A) will apply to the Switched Access installed at the CL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all minimum period charges associated with the disconnected Switched Access.

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

(1) For Windstream North* exchanges:

(a) The Switched Access Ordering Charge will apply for a change in FGD or BSA-D switched access and 800/888/877 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling.

(b) Switched access ordering charges will not apply if Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD or BSA-D. The Switched Access Ordering Charge will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.5 Rates and Charges Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(E) Signaling System 7 (SS7) Out of Band Signaling (Cont'd)

(2) For Windstream Telecom* and Windstream Systems* exchanges:

(a) The Switched Access Ordering Charge will apply for a change in FGD or BSA-D switched access and 800/888/877 Access signaling from multifrequency address signaling to SS7 Out of Band Signaling.

(b) The Switched Access Ordering Charge will not apply if Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD or BSA-D. The Switched Access Ordering Charge will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

(F) 800/888/877 Data Base Query Service

Query usage charges for 800/888/877 Data Base Query Service shown in 4.6.3(A) apply as follows:

(1) A Basic 800/888/877 Data Base Query charge will apply for each basic 800/888/877 call query received at the Telephone Company's 800/888/877 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

(2) A Premium 800/888/877 Data Base Query charge will apply for each premium 800/888/877 call query received at the Telephone Company's 800/888/877 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(G) Network Blocking Charge for Tandem-Switched FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service

The customer will be notified by the Telephone Company to increase its capacity when excessive trunk group blocking occurs on groups carrying FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service traffic and the measured access minutes for the Daily Busiest Hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on Daily Busiest Hour measurements for four contiguous weeks using the five highest traffic days of the week, excluding national holidays. The Telephone Company will not bill the customer a Network Blocking charge if an ASR for additional capacity is received by the Telephone Company within 15 days of the notification. If an ASR is not received within 15 days of notification the rate in 4.6.1(C), will apply when (1) the Daily Busiest Hour average blocking for the four contiguous weeks exceeds the threshold level and (2) the average originating or two-way usage measured for these same hours exceeds the Switched Access capacity purchased.

Blocking Thresholds

Trunks in Service	1%	1/2%
1-2	.070	.045
3-4	.050	.035
5-6	.040	.025
7 or more	.030	.020

The one percent blocking threshold is for FGB, FGC, BSA-B, BSA-C and SAC Access Service transmission paths carrying traffic between a CL and the first point of switching, or FGD and BSA-D transmission paths carrying traffic direct between a CL and an end office. The one-half percent blocking threshold is for FGD or BSA-D transmission paths carrying traffic between a CL and an end office via an access tandem.

(H) Determination of Intrastate Charges for Mixed Interstate and Intrastate Switched Access

When mixed interstate and intrastate Switched Access is provided, all charges will be prorated based upon the jurisdictional distribution of access minutes as in 4.3.2 and 4.3.3. The portion of a Switched Access Service to be charged as intrastate is determined in the following manner:

For usage rated elements, multiply the percent intrastate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

For monthly and nonrecurring rate elements, multiply the percent intrastate use times the quantity of each chargeable element times the stated tariff rate per element.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(I) Local Dial-It Services

Customers will be billed charges for terminating Switched Access calls to certain community information services, for which rates are applicable under the Telephone Company General and/or Local tariffs (e.g., 976 Dial-It Network Services).

(J) Local Directory Assistance

Terminating Switched Access calls dialed to local directory assistance (411 and 555-1212 numbers) will be rated under the applicable rates for the Switched Access as in 4.6. In addition, the charge per call to Directory Assistance as set forth in the Telephone Company General and/or Local tariffs may also apply.

(K) Description and Application of Rates

(1) Switched Transport

Switched Transport is determined as follows:

(a) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group or Basic Serving Arrangement type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

Where Tandem-Switched Transport is ordered between a serving wire center and end offices subtending an access tandem, mileage will be measured from the serving wire center that normally serves the CL to the end office or WSO (for WATS and WATS-type).

Where Direct-Trunked Transport is ordered between a serving wire center and an access tandem, and Tandem-Switched Transport is ordered to subtending end offices, mileage will be measured from the access tandem to the end office or WSO (for WATS and WATS-type).*

For either of the above Tandem-Switched Transport configurations, when the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

* Due to billing constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until the billing system can accommodate this service.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(1) Switched Transport (Cont'd)

(a) (Cont'd)

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

Switched Transport rates apply to the switched access minutes of use that originate/terminate at a MTSO directly connected to a Telephone Company access tandem or end office. Where the connection is made directly to an end office, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the end office and the serving wire center of the customer. Where the connection is made directly to an access tandem, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the access tandem and the serving wire center of the customer. For access tandem connections, Tandem-Switched Transport Facility mileage, if applicable, will be measured from the access tandem to the customer's serving wire center. The Tandem Switching charge shall apply to all minutes of use where the MTSO connection is made directly to an access tandem.

Where Tandem-Switched Transport - Facility is provided by more than one telephone company, the mileage for each will be determined as in 2.7.

The Tandem-Switched Transport - Facility rate will not apply if the CL serving wire center and the end office are co-located (where V/H - V/H = 0).

(b) The Tandem-Switched Transport - Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group or Basic Serving Arrangement types. When both terminations are provided by the Telephone Company, the Tandem-Switched Transport - Termination rate applies twice, including those situations when the terminations are co-located.

The Tandem-Switched Transport - Termination rate applies to switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company access tandem or end office.

Where the Tandem-Switched Transport - Facility is provided by more than one telephone company, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Telephone Company end of the Switched Transport as in 2.7. The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Tandem-Switched Transport - Facility.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(1) Switched Transport (Cont'd)

(c) For FGA or BSA-A, the Entrance Facility charge shall apply between the CL and the serving wire center of the CL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched Transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA or BSA-A traffic that originates and/or terminates within the FGA or BSA-A Access Area. For FGA or BSA-A traffic that terminates beyond the FGA or BSA-A Access Area, Switched Transport rates apply as described in 4.5.2(K)(2).

(d) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CL to the access tandem, end office, WSO (for WATS and WATS-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office.

When Telephone Company Hubs are involved, mileage is computed and rates applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

(e) The Entrance Facility rate is flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CL. This charge will apply even if the CL and the serving wire center are co-located in a Telephone Company building.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(1) Switched Transport (Cont'd)

(e) (Cont'd)

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CL and serving wire center, the "Additional System" charge will apply.

(f) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA or BSA-A.

(g) The Interconnection rate is usage sensitive and is applied per access minute to all feature groups that utilize the Telephone Company's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.

(h) When the Alternate Traffic Routing optional arrangement is provided in conjunction with FGB and FGD or BSA-B and BSA-D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customer on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate routed traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(1) Switched Transport (Cont'd)

(h) (Cont'd)

When FGB, FGD, BSA-B or BSA-D Switched Access service is terminated from multiple CLs through an access tandem or is terminated from multiple CLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CLs or to apportion traffic terminating from multiple CLs. The Telephone Company may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone, is willing to pay the expense.

(2) Extended FGA and BSA-A Terminating Traffic

(a) For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA or BSA-A Access Area, however inside the LATA, in conjunction with terminating FGA or BSA-A traffic to an end office equipped with Equal Access capabilities, the following rates apply:

for each access minute, the premium rates per access minute for End Office Switching, in 4.6.3, and the Information Surcharge in 4.6.4 and the Interconnection Charge in 4.6.2.

for each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile in 4.6.2 and the Tandem-Switched Transport - Termination in 4.6.2.

When the serving wire center of the CL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CL to the end office.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(2) Extended FGA and BSA-A Terminating Traffic (Cont'd)

(a) (Cont'd)

When the serving wire center of the CL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office.

The Tandem Switching rate is not applicable for Extended FGA or BSA-A terminating traffic.

(b) For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA or BSA-A Access Area, however inside the LATA, in conjunction with terminating FGA or BSA-A traffic to an end office not equipped with Equal Access capabilities, the following rates apply:

for each access minute, the nonpremium rates per access minute for End Office Switching, in 4.6.3, the Information Surcharge in 4.6.4, and the Interconnection Charge in 4.6.2.

for each access minute, the Tandem-Switched Transport - Facility rate per access minute per airline mile in 4.6.2 and the Tandem-Switched Transport - Termination in 4.6.2.

When the serving wire center of the CL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CL to the end office.

When the serving wire center of the CL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office.

The Tandem Switching Rate is not applicable for Extended FGA or BSA-A terminating traffic.

(c) When FGA or BSA-A terminating traffic is extended outside the LATA, as in 4.2.1(A)(6) Switched Access rate elements, in 4.6.3 and 4.6.4, will be billed to the FGA or BSA-A customer for the terminating interLATA access function provided via the FGA or BSA-A connection, and Switched Access rate elements, in 4.6.2(A) and(B), 4.6.3 and 4.6.4, will be billed to the IC providing the interLATA service to the FGA or BSA-A customer for the originating interLATA access function.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(3) Equal Access Notification

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

The customer will have the choice of converting existing services to equal access (i.e., FGD or BSA-D) at no charge or retaining the existing services (with the exception of FGC or BSA-C).

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(K) Description and Application of Rates (Cont'd)

(4) End Office Switching

End Office Switching is available on a bundled or unbundled basis. End Office Switching - Bundled (EOSB) rates apply to Switched Access services provided as Feature Groups. End Office Switching - Unbundled (EOSU) rates apply to Switched Access services provided as Basic Serving Arrangements.

Rates for End Office Switching 1 (EOS1) and End Office Switching 2 (EOS2) will apply as follows:

(a) FGA, FGB, BSA-A and BSA-B customers will pay the EOS1 rate for all access minutes originating from or terminating at the end office except as set forth in (d) following.

(b) FGC, FGD, BSA-C and BSA-D customers will pay the EOS2 rate for all access minutes originating from or terminating at the end office.

(c) SAC Access Service customers will pay the EOS2 rate for all SAC Access minutes originating from the end office.

(d) When FGA, FGB, BSA-A and BSA-B is used for terminating WATS or WATS-type services, the customer will pay the EOS2 rate for all terminating access minutes.

(5) 500 NXX Translation Nonrecurring Charge

The 500 NXX Translation Nonrecurring Charge, as in 4.6.1(E), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Telephone Company must activate or deactivate the 500 NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first 500 NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, Switched Access Ordering Charge, as in 4.6.1(A) will apply per ASR submitted for the activation or deactivation of NXX codes.

(6) Carrier Identification Parameter (CIP)

The Carrier Identification Parameter (CIP) provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP will be populated by a 4-digit CIC at the rates shown in 4.6.7. The monthly recurring rate is applicable per trunk. The nonrecurring charge is applicable per CIC, per trunk group. The nonrecurring charge has two rate levels. There is a nonrecurring charge applicable to trunk groups direct to the access tandem and a nonrecurring charge applicable to trunk groups direct to an end office.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(L) Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC, BSA-A, BSA-B, BSA-C (to SAC and Directory Assistance Services) and FGD and BSA-D, the measured access minutes are the chargeable access minutes. For originating calls over FGA, FGB, BSA-A and BSA-B the measured access minutes are the chargeable access minutes.

For originating calls over FGC or BSA-C, chargeable access minutes are derived from measured access minutes through the use of a Telephone Company factor. A description of the factor is set forth in (4) following.

FGA or BSA-A access minutes, or fractions thereof, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. FGB, FGC, FGD, BSA-B, BSA-C and BSA-D access minutes or fractions thereof, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office. The exact value of the fraction is a function of the switch technology where the measurement is made.

When measurement capability for FGA, FGB, BSA-A and BSA-B usage related services is not available, access minutes shall be assumed as described in (3) following.

When usage data is required for a specific end office in an Access Area with multiple end offices, and usage to that office cannot be measured a portion of total usage will be allocated to the specific end office based upon the portion of subscriber lines served by that end office. When the Telephone Company is the SEC and when specific usage is not available from the PEC, the total usage measured or assumed at the FPOS will be apportioned to the SEC based upon the ratio of the total subscriber lines in each SEC exchange to the total number of subscriber lines in the PEC's EAS area served by the dial tone office for FGA or BSA-A.

(1) FGA and BSA-A Usage Measurement

For originating calls over FGA or BSA-A, usage measurement begins when the FGA or BSA-A first point of switching receives an off-hook supervisory signal forwarded from the CL. Where FGA or BSA-A is used for MTS/WATS-type services, this off-hook signal is generally provided by the customer's equipment. Where FGA or BSA-A is used for FCO/ONAL type services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(L) Measuring Access Minutes (Cont'd)

(1) FGA and BSA-A Usage Measurement (Cont'd)

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

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

(2) FGB and BSA-B Usage Measurement

For originating calls over FGB or BSA-B, usage measurement begins when the FGB or BSA-B first point of switching receives the first acknowledgment from the CL, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CL, whichever is recognized first by the first point of switching.

For terminating calls over FGB or BSA-B, usage measurement begins when the FGB or BSA-B first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CL, whichever is recognized first by the first point of switching.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(L) Measuring Access Minutes (Cont'd)

(3) Usage Measurement Not Available For FGA, FGB, BSA-A and BSA-B

When originating and/or terminating measurement capability does not exist, the number of access minutes per FGA or BSA-A line or FGB or BSA-B trunk, per month, will be assumed based on the following:

- A single monthly surrogate of assumed minutes per two-way line/trunk per month shall apply as in 4.6.6. For FGA or BSA-A lines, the terminating assumed usage will be 47% of the two-way surrogate and the originating assumed usage will be 53% of the two-way surrogate. For FGB or BSA-B trunks, the terminating assumed usage will be one half of the two-way surrogate and the originating will be one half of the two-way surrogate.

- When measurement capabilities do not exist for a one way FGA or BSA-A line or FGB or BSA-B trunk, a single monthly surrogate of assumed minutes per one way line/trunk per month shall apply as in 4.6.6.

- When measurement capabilities do not exist in one direction for a two-way line (e.g., recording for terminating only) the number of access minutes per line, per month will be the assumed surrogate for a two-way line or the recorded usage for the single direction, whichever is greater.

- In the event of measurement equipment failure, minutes of use will be determined as follows:

  For the initial month of service, FGA, FGB, BSA-A or BSA-B minutes will be assumed as indicated above unless actual usage recorded prior to the failure is greater than the assumed usage.

  For subsequent months, the greater of 1) actual usage recorded prior to the failure, or 2) the average of the three month current months' usage (or less if three months are not available) will be used.

(4) FGC and BSA-C Usage Measurement

For originating calls over FGC or BSA-C, usage measurement begins when the originating FGC or BSA-C first point of switching receives answer supervision from the CL, indicating the called party has answered. However, for billing purposes usage begins at the time that the originating end user's call is delivered by the Telephone Company, and acknowledged as received by the customer's facilities connected with the originating central office.

For originating calls over FGC or BSA-C, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Originating Minutes - Conversation minutes + (factor x quantity of completed calls).

Factor = non-conversation minutes per completed call + [(non-conversation minutes per incompleted call) x (1 - completion ratio) divided by completion ratio)]

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(L) Measuring Access Minutes (Cont'd)

(4) FGC and BSA-C Usage Measurement (Cont'd)

The measurement of originating call usage over FGC or BSA-C ends when the FGC or BSA-C first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CL, whichever is recognized first by the first point of switching.

For terminating calls over FGC or BSA-C to services other than SAC Access or Directory Assistance, terminating FGC or BSA-C usage is not directly measured at the first point of switching, but is derived from originating usage, excluding usage from calls to SAC Access or Directory Assistance Services.

Terminating call usage over FGC or BSA-C, other than SAC Access and Directory Assistance, are derived from originating usage as follows:

Terminating Minutes = Originating conversation minutes x In/Out ratio.

In/Out Ratio = Relationship between originating (i.e., Out and terminating (i.e. In) conversation minutes

For terminating calls over FGC or BSA-C to SAC Access or Directory Assistance Service, usage measurement begins when the FGC or BSA-C first point of switching receives answer supervision from the end office switch, indicating the terminating SAC Access Service end user has answered, or from the Directory Assistance Service location, indicating the Directory Assistance operator has answered.

The measurement of terminating call usage over FGC to SAC Access or Directory Assistance Services ends when the FGC first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating SAC Access Service end user has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the CL, whichever occurs first.

(5) FGD and BSA-D Usage Measurement

For originating calls over FGD or BSA-D with multifrequency (MF) signaling, usage measurement begins when the FGD or BSA-D first point of switching receives the first wink supervisory signal forwarded from the CL.

For originating calls over FGD or BSA-D with SS7 Out of Band Signaling, usage measurement for direct trunks begins when the FGD or BSA-D first point of switching sends an Initial Address Message. Usage measurement for tandem trunks begins when the FGD or BSA-D first point of switching receives an Exit Message.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(L) Measuring Access Minutes (Cont'd)

(5) FGD and BSA-D Usage Measurement (Cont'd)

The measurement of originating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CL, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when a Release Message is sent or received by the originating end user's end office, whichever occurs first.

For terminating calls over FGD or BSA-D with MF signaling, or FGD or BSA-D with SS7 Out of Band Signaling, usage measurement begins when the FGD or BSA-D first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CL, whichever is recognized first by the first point of switching.

The measurement of terminating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when the FGD or BSA-D first point of switching receives or sends a Release Message, whichever occurs first.

(6) SAC Access Service Usage Measurement

SAC Access Service usage measurement shall be in accordance with the regulations set forth for FGC, FGD, BSA-C and BSA-D. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGC or BSA-C access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGD or BSA-D access minutes are measured.

(M) FGD and BSA-D Switched Access Service With 950-XXXX

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access, as described in 4.2.5(S), to be included with the installation of new FGD or BSA-D switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD or BSA-D switched access facilities.

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access to be added to an existing FGD or BSA-D switched access service, only the Switched Access Ordering Charge and the Design Change Charge will apply for the addition of this optional end office service arrangement.

4.5.3 Application of Rates for FGA and BSA-A Extension Service

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different buildings in the same LATA). FGA or BSA-A extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are in 5.7.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.4 Basic Service Elements (BSEs)

Recurring rates and charges for Basic Service Elements (BSEs) in 4.2.21 are applied on a premium basis. The Switched Access Ordering Charge will not apply when a customer orders BSEs in conjunction with the establishment of a Basic Serving Arrangement (BSA) or the conversion of a feature group to a BSA. The Switched Access Ordering Charge will apply to changes to or additions of BSEs associated with an established BSA. The application of monthly recurring charges or usage rates to BSEs are as follows.

(A) Alternate Traffic Routing - BSE

Nonrecurring charges in 4.6.3 apply per trunk group equipped.

(B) Automatic Number Identification (ANI) - (BSE)

Rates in 4.6.3 apply per ANI attempt.

(C) User Transfer

Monthly recurring charges in 4.6.3 apply per line arranged.

(D) Hunt Group Arrangement - BSE

Monthly recurring charges in 4.6.3 apply per line equipped.

(E) Queuing - BSE

Monthly recurring charges in 4.6.3 apply per group equipped.

(F) Uniform Call Distribution - BSE

Monthly recurring charges in 4.6.3 apply per line equipped.

(G) Simplified Message Desk Interface (SMDI) - BSE

Monthly recurring charges in 4.6.3 apply per DNAL.

(H) Remote Call Forwarding - BSE

Monthly recurring charges in 4.6.3 apply per line.

(I) Direct Inward Dialing (DID) - BSE

Monthly recurring charges in 4.6.3 apply.

(J) Billed Number Screening (BNS) - BSE

Monthly recurring charges in 4.6.3 apply per line screened.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

All rates and charges found in this section will be identified for the following:

- Windstream North*
- Windstream Telecom*
- Windstream Systems*

4.6.1 Nonrecurring Charges

(A) Switched Access Service Ordering Charges

Windstream North*

	Switched Access Ordering Charge Per ASR (NASW71)
(GSEC) (USOC)	(SESCL)
	$128.15

Windstream Telecom*

	Switched Access Ordering Charge Per ASR (NASW71)
(GSEC) (USOC)	(ASROC)
	$29.64

Windstream Systems*

	Switched Access Ordering Charge Per ASR (NASW71)
(GSEC) (USOC)	(ASROC)
	$9.26

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.1 Nonrecurring Charges (Cont'd)

(B) Design Change Charge

Windstream North*

	Design Change Charge Per ASR/Per Occurrence
(GSEC)	(NADCCSW)
(USOC)	(H28)
	$49.39

Windstream Telecom*

	Design Change Charge Per ASR/Per Occurrence
(GSEC)	(NADCCSW)
(USOC)	(H28)
	$26.21

Windstream Systems*

	Design Change Charge Per ASR/Per Occurrence
(GSEC)	(NADCCSW)
(USOC)	(H28)
	$9.26

(C) Network Blocking Charge

Windstream North*

Network Blocking Charge Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service Per Call
$.030

Windstream Telecom*

Network Blocking Charge Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service Per Call
$.008

Windstream Systems*

Network Blocking Charge Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service Per Call
$.008

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.1 Nonrecurring Charges (Cont'd)

(D) FGA and BSA-A Optional Toll Blocking**

Windstream North*

	FGA and BSA-A Optional Toll Blocking Per FGA Line
(GSEC)	(AFGATB)
(USOC)	(CAH)
	$ 9.89

(E) 500 NXX Translation Charge#

Windstream North*, Windstream Telecom*, and Windstream Systems*

	500 NXX Translation Charge	
	First NXX Per ASR/Per End Office	Each Additional NXX Per ASR/Per End Office
(USOC)	(NW51X)	(NW5AX)
	$23.00	$12.00

(F) 900 NXX Translation Nonrecurring Charge***

Windstream Telecom*

900 NXX Translation Nonrecurring Charge	
First 900 NXX	Each Add'l 900 NXX
$241.39	$15.34

Windstream Systems*

900 NXX Translation Nonrecurring Charge	
First 900 NXX	Each Add'l 900 NXX
$29.40	$5.88

4.6.2 Switched Transport

(A) Tandem-Switched Transport - Facility

Windstream North*		
Per Originating Access Minute Per Airline Mile		
Non-8YY Traffic	$.0000381	
8YY Traffic	$##	(C)
Per Terminating Access Minute Per Airline Mile	$##	(C)
Windstream Telecom* and Windstream Systems*		
Per Originating Access Minute Per Airline Mile		
Non-8YY Traffic	$.0000381	
8YY Traffic	$##	(C)
Per Terminating Access Minute Per Airline Mile	$##	(C)

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.
** FGA Optional Toll Blocking is not applicable for Windstream Telecom and Windstream Systems
# This rate may be subject to allocation as described in Section 4.3.2.
*** 900 NXX Translation Nonrecurring Charge is not applicable for Windstream North.

This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

(B) Tandem-Switched Transport - Termination

Windstream North*		
Per Originating Access Minute Per Termination		
Non-8YY Traffic	**$.0004246**	**(C)**
8YY Traffic	**$##**	**(C)**
Per Terminating Access Minute Per Termination	$##	
Windstream Telecom* and Windstream Systems*		
Per Originating Access Minute Per Termination		
Non-8YY Traffic	**$.0004246**	**(C)**
8YY Traffic	**$##**	**(C)**
Per Terminating Access Minute Per Termination	**$##**	

€ Tandem Switching Rate

Windstream North*		
Per Originating Access Minute		
Non-8YY Traffic	**$.0001256**	**(C)**
8YY Traffic	**$##**	**(C)**
Per Terminating Access Minute	$##	
Windstream Telecom* and Windstream Systems*		
Per Originating Access Minute		
Non-8YY Traffic	**$.0001256**	**(C)**
8YY Traffic	**$##**	**(C)**
Per Terminating Access Minute	**$##**	

(D) Interconnection Rate

Windstream North*, Windstream Telecom* and Windstream Systems*

Interconnection Rate Per Access Minute
$ .00000000

€ Direct-Trunked Transport – Voiceband

Windstream North*, Windstream Telecom* and Windstream Systems*

	Direct-Trunked Transport – Voiceband Per Airline Mile, Per Month
(USOC)	(1YTXS)
	$2.05

(F) Direct-Trunked Transport – DS1

Windstream North*, Windstream Telecom* and Windstream Systems*

	Direct-Trunked Transport-Facility – DS1 Per Airline Mile, Per Month	Direct-Trunked Transport-Termination – DS1 Monthly Rate
(USOC)	(1YTXS)	(TRL)
	$15.54	$75.00

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

4.6.2 Switched Transport (Cont'd)

(G) Direct-Trunked Transport - DS3

Windstream North*, Windstream Telecom and Windstream Systems*

(USOC)	Direct-Trunked Transport-Facility - DS3 Per Airline Mile, Per Month (1YTXS)	Direct-Trunked Transport-Termination - DS3 Monthly Rate (TRL)
	$29.50	$459.65

(H) Entrance Facility - 2-Wire and 4-Wire Voiceband

Windstream North*, Windstream Telecom and Windstream Systems*

(USOC)	Service Installation Charge Per Entrance Facility (EFG2X)	Entrance Facility-2-Wire Voiceband Monthly Rate (EFG2X)	Entrance Facility-4-Wire Voiceband Monthly Rate (EFG4X)
	$200.00	$30.45	$45.57

(I) Entrance Facility - DS1

Windstream North*, Windstream Telecom* and Windstream Systems*

	Entrance Facility - DS1 First System		Entrance Facility - DS1 Each Additional System	
(USOC)	Service Installation Charge (EFGDX)	Monthly Rate (EFGDX)	Service Installation Charge (EFGLX) (EFGEX)	Monthly Rate (EFGLX) (EFGEX)
	$450.00	$300.00	$450.00	$300.00

(J) Entrance Facility - DS3

Windstream North*, Windstream Telecom* and Windstream Systems*

	Entrance Facility - DS3	
(USOC)	Service Installation Charge (EFGPF)	Monthly Rate (EFGPF)
	$1,000.00	$1,750.00

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

(K) Multiplexing

Windstream North*, Windstream Telecom* and Windstream Systems*

(USOC)	DS1 to Voice Installation Charge (M6W1X)	DS1 to Voice Monthly Rate (M6W1X)	DS3 to DS1 Installation Charge (MKW3X)	DS3 to DS1 Monthly Rate (MKW3X)
	$0.00	$301.50	$0.00	$509.00

(L) Tandem Direct Trunk Port

Windstream North*

Voice Grade Monthly Rate	DS1 Monthly Rate
$16.92	$5.53

Windstream Telecom* and Windstream Systems*

Voice Grade Monthly Rate	DS1 Monthly Rate
$16.92	$6.74

(M) Tandem Switching Multiplexing

Windstream North* Per Terminating Access Minute Per Multiplexer	$##
Windstream Telecom* and Windstream Systems* Per Terminating Access Minute Per Multiplexer	$##

4.6.3 End Office Services

(A) 800/888/877 Data Base Query Charge

Windstream North*, Windstream Telecom* and Windstream Systems*

	Basic and Premium 800/888/877 Data Base Query Charge Rate Per Query		
July 1, 2021 – June 30, 2022	$.004248	(R)	(C)
July 1, 2022 – June 30, 2023	$.002224	(R)	|
On and after July 1, 2023	$.000200	(R)	(C)

(T)

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services

(B) End Office Switching - Bundled (EOSB)

The bundled rates for End Office Switching are based on originating and terminating Access Minutes.

Windstream North*

	EOS1 and EOS2 Rates EOSB			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

Windstream Telecom* and Windstream Systems*

	EOS1 and EOS2 Rates EOSB			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

(C) End Office Switching Unbundled (EOSU) - Circuit Switched Line

The unbundled rates for End Office Switching are based on originating and terminating Access Minutes.

Windstream North*

	EOS1 and EOS2 Rates EOSU			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

Windstream Telecom* and Windstream Systems*

	EOS1 and EOS2 Rates EOSU			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(D) End Office Switching - Unbundled (EOSU) - Circuit Switched Trunk

The unbundled rates for End Office Switching are based on originating and terminating Access Minutes.

Windstream North*

	EOS1 and EOS2 Rates EOSU			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

Windstream Telecom* and Windstream Systems*

	EOS1 and EOS2 Rates EOSU			
	Per Originating Access Minute		Per Terminating Access Minute	
	Non-8YY	8YY		
Effective Rate	$ .015080	$##	$##	(C) (C)

(E) Alternate Traffic Routing - BSE

Windstream North*

Nonrecurring Charge Per Trunk Group Equipped (CF3AR)
$ 65.90

Windstream Telecom* Windstream Systems*

Nonrecurring Charge Per Trunk Group Equipped (CF3AR)
$ 68.14

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(F) Automatic Number Identification (ANI) - BSE

Windstream North*, Windstream Telecom*, and Windstream Systems*

Rate Per ANI Attempt
$.00014

(G) User Transfer - BSE

Windstream North*

Monthly Rate Per Line Arranged (E03)
$ 1.10

Windstream Telecom* and Windstream Systems*

Monthly Rate Per Line Arranged (E03)
$ 1.14

(H) Hunt Group Arrangement - BSE

Windstream North*, Windstream Telecom*, and Windstream Systems*

Monthly Rate Per Line Equipped (CF3HG)
$ 2.00

(I) Queuing - BSE

Windstream North*

Monthly Rate Per Group Equipped (CF3QU)
$ 4.57

Windstream Telecom* and Windstream Systems*

Monthly Rate Per Group Equipped (CF3QU)
$ 4.72

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(J) Uniform Call Distribution - BSE

Windstream North*

Monthly Rate Per Line Equipped (CF3UD)
$ 4.91

Windstream Telecom* and Windstream Systems*

Monthly Rate Per Line Equipped (CF3UD)
$ 5.07

(K) Simplified Message Desk Interface (SMDI) - BSE

Windstream North*

Monthly Rate Per DNAL (SMQPX)
$ 213.46

Windstream Telecom* and Windstream Systems*

Monthly Rate Per DNAL (SMQPX)
$ 220.71

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(L) Remote Call Forwarding - BSE

Windstream North*

Monthly Rate Per Line (FOMPX)
$ 1.60

Windstream Telecom*

Monthly Rate Per Line (FOMPX)
$ 1.65

Windstream Systems*

Monthly Rate Per Line (FOMPX)
$ 3.25

(M) Direct Inward Dialing (DID) - BSE

Windstream North*, Windstream Telecom*, and Windstream Systems*

Monthly Rate Per DID Term (NDT)	Monthly Rate Per Block of 20 Numbers (ND4)
$ 16.80	$ 8.00

(N) Billed Number Screening (BNS) - BSE

Windstream North*, Windstream Telecom*, and Windstream Systems*

Monthly Rate Per Line Screened (RTVXQ)
$ 1.00

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(O) End Office Direct Trunk Port

Windstream North*

Voice Grade Monthly Rate	DS1 Monthly Rate
$7.97	$7.07

Windstream Telecom* and Windstream Systems*

Voice Grade Monthly Rate	DS1 Monthly Rate
$17.36	$6.63

(P) End Office Common Trunk Port

Windstream North* Per Terminating Access Minute	$.000073
Windstream Telecom* and Windstream Systems* Per Terminating Access Minute	$.000084

4.6.4 Information Surcharge

The rates for Information Surcharge are based on originating and terminating Access Minutes.

Windstream North*, Windstream Telecom* and Windstream Systems*

Information Surcharge

Per Originating Access Minute		Per Terminating Access Minute	
Non-8YY	8YY		
$.0004000	##	$.000000	(C) (C)

4.6.5 FGA and BSA-A Usage Sensitive Credit Allowance**

Windstream North*

Usage Sensitive Service Credit Allowance Credit Per Originating FGA or BSA-A Access Minute #
$.0001753

The credit is applied to the End Office Switching rate element.
* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.
** Usage Sensitive Credit Allowance is not applicable for Windstream Telecom or Windstream Systems.
This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.6 Assumed Minutes of Use Monthly Surrogate

Windstream North*

Per Two-Way Line/Trunk		Per One-Way Line/Trunk			
		Originating Only		Terminating Only	
FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B
14,702	(1)	(1)	(1)	(1)	(1)

Windstream Telecom*

Per Two-Way Line/Trunk		Per One-Way Line/Trunk			
		Originating Only		Terminating Only	
FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B
4703	5042	2493	5042	2210	5042

Windstream Systems*

Per Two-Way Line/Trunk		Per One-Way Line/Trunk			
		Originating Only		Terminating Only	
FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B	FGA or BSA-A	FGB or BSA-B
3080	9000	1629	4500	1451	4500

4.6.7 Carrier Identification Parameter (CIP)

Non-Recurring Charge Per CIC, Per Trunk Group	Monthly Recurring Rate Per Trunk
$1,120.00	$ .46

(1) The company either has all existing services measured or have no customers at this time. In the event an ASR is received for a new customer and there is no measurement capability for the office requested, a traffic study will be made to establish a surrogate and such surrogate will be tariffed.

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

(Reserved For Future Use)

Iowa Telecommunications Services, Inc. d/b/a Iowa Telecom made a tariff filing with the Iowa Utilities Board on July 1, 2005 to remove Special Access from Iowa Telecom's Iowa No. 2 Tariff. Special Access was previously found to be subject to effective competition by the Board, and deregulated. This service is detariffed as of the effective date on this sheet.

A description of Special Access services, terms and conditions, and rates are contained in Windstream Iowa Communications Rates and Services Guide of deregulated products and services.

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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 for Windstream North
(D) Balloting and Allocation Process For Equal Access
(E) Additional Testing for Windstream North
(F) Additional Testing for Windstream Telecom and Windstream Systems
(G) End User List for Windstream North
(H) Billing Name and Address Service for Windstream North
(I) Additional Engineering for Windstream Telecom and Windstream Systems
(J) Controller Arrangement for Windstream Telecom and Windstream Systems
(K) Restoration Priority for Windstream Telecom and Windstream Systems

These services are described in detail as set forth in 6.2 through 6.12 following.

6.2 Additional Labor

Additional Labor is that labor requested by the customer on a given FIA 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

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

Overtime repair is that Telephone Company maintenance effort performed 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.

(C) Additional Installation Testing

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

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 FIA. 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

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.

6. MISCELLANEOUS SERVICES

6.2 Additional Labor (Cont'd)

(F) Charges for Additional Labor

For Windstream North*

	Labor Periods Basic Time, Business Day, Per Technician	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT) (UBCXT) (USSXT) (SNTXT) (SNOXT)	(ALH) (ALK) (ALT) (UBCXT) (USSXT) (SNTXT) (SNOXT)
(GSEC)	(NAALCPT1)	(NAALCPTA)
	$21.88	$14.58

	Labor Periods Overtime, Outside the Business Day, Per Technician#	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT) (UBCOT) (USSOT) (SNTOT) (SNOOT)	(ALH) (ALK) (ALT) (UBCOT) (USSOT) (SNTOT) (SNOOT)
(GSEC)	(NAALCOT1)	(NAALCOTA)
	$27.32	$18.21

	Labor Periods Premium Time, Outside the Business Day, Per Technician#	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT) (UBCPT) (USSPT) (SNTPT) (SNOPT)	(ALH) (ALK) (ALT) (UBCPT) (USSPT) (SNTPT) (SNOPT)
(GSEC)	(NAALCPT1)	(NAALCPTA)
	$32.76	$21.83

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
\# A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES

6.2 Additional Labor (Cont'd)

(F) Charges for Additional Labor (Cont'd)

For Windstream Telecom*

Basic Time, Business Day, Per Technician
Each Hour or Fraction Thereof

(USOC)	(ALH) (ALK) (ALT)
(GSEC)	(NAALCBT1)
	$39.75

Overtime, Outside the Business Day, Per Technician#
Each Hour or Fraction Thereof

(USOC)	(ALH) (ALK) (ALT)
(GSEC)	(NAALC0T1)
	$59.63

Premium Time, Outside the Business Day, Per Technician**
Each Hour or Fraction Thereof

(USOC)	(ALH) (ALK) (ALT)
(GSEC)	(NAALCPT1)
	$79.50

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
** Subject to a minimum charge of four hours.
# A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES

6.2 Additional Labor (Cont'd)

(F) Charges for Additional Labor (Cont'd)

For Windstream Systems*

	Labor Periods Basic Time, Business Day, Per Technician	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT)	(ALH) (ALK) (ALT)
(GSEC)	(NAALCBT1)	(NAALCBTA)
	$31.38	$22.12

	Labor Periods Overtime, Outside the Business Day, Per Technician#	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT)	(ALH) (ALK) (ALT)
(GSEC)	(NAALC0T1)	(NAALCOTA)
	$34.77	$25.51

	Labor Periods Premium Time, Outside the Business Day, Per Technician**	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALH) (ALK) (ALT)	(ALH) (ALK) (ALT)
(GSEC)	(NAALCPT1)	(NAALCPTA)
	$34.77	$25.51

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
** Subject to a minimum charge of four hours.
# A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES

6.3 Maintenance of Service Charge

(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 (F) preceding 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

6.4 Telecommunications Service Priority (TSP) System for Windstream North*

(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 FIA and provides the Telephone Company with a guide to the sequence in which services are to be provisioned and/or restored. This service is available only in Windstream North* exchanges.

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 FIA 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(F).

(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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.4 Telecommunications Service Priority (TSP) System for Windstream North* (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 of service is one month.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.4 Telecommunications Service Priority (TSP) System for Windstream North* (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 FIA 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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.4 Telecommunications Service Priority (TSP) System for Windstream North* (Cont'd)

(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

(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 FIA 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 customer's requested due date. The rates and charges will apply as set forth in Section 3.2.2(E).

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.4 Telecommunications Service Priority (TSP) System for Windstream North* (Cont'd)

(G) Rates and Charges (Cont'd)

(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). If there is a change in the restoration priority code, the appropriate Subsequent Servicing Ordering Charge will apply.

(4) Establishment of TSP System Service Charge

	Nonrecurring Charge per Circuit
(USOC)	(P1APX) (P1ASX) (PR5PX) (PR5SX) (PR8PX) (PR8SX)
(GSEC)	(TSP SERV NRC)
	$14.50

(5) Restoration Priority Rates

	Monthly Rate per Circuit
(USOC)	(PR9PX) (PR9SX)
(GSEC)	(TSP PRI SERV)
	$ 4.55

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access

The Balloting and Allocation Process is an arrangement whereby:

- An end user may select or be allocated to an interexchange carrier (IC) to place intrastate, interLATA MTS/MTS-type calls without the 101XXXX access code. This IC is referred to as the end user's interLATA primary interexchange carrier (PIC).

- An end user may select or be allocated to an IC or local exchange carrier (LEC) to place intrastate, intraLATA MTS/MTS-type calls without the 101XXXX access code. This IC or LEC is referred to as the end user's intraLATA primary interexchange carrier (IPIC).

Balloting and allocation applies to agents of Public or Semipublic Pay Telephone service whereby the agent may select or be allocated to an IC to place intrastate interLATA calls without dialing the 101XXXX access code.

In the event that only one IC orders FGD or BSA-D to provide interLATA service or no IC or LEC orders FGD or BSA-D to provide intraLATA service from an end office in accordance with 3.1.1(D), the Balloting and Allocation Process for the PIC or IPIC set forth below will not apply.

On the effective date(s) of interLATA and intraLATA equal access (i.e., introduction of FGD or BSA-D in a serving end office), end users or agents who have not designated or been allocated to an IC or LEC will continue with the same IC or LEC service arrangement as existed prior to office conversion until the allocation process described in (B) occurs.

(A) End User and Agent Notification and Equal Access Balloting Process

(1) InterLATA Equal Access

End users and agents will be notified of the availability of equal access by means of an equal access ballot. ICs intending to participate in the Balloting Process for each serving end office must inform the Telephone Company in writing no later than 120 days prior to the end office conversion to FGD or BSA-D. The notification from ICs wishing to participate in pay telephone balloting must specify if the carrier will handle 0+ traffic only, both 0+ and 1+ traffic, or 0+ with 1+ traffic being handled by a secondary service provider. When 1+ coin traffic is handled by a secondary service provider, the participating IC must identify the secondary service provider. The initial ballot, the first of two ballots the end user and agent may receive, listing all ICs participating in the balloting process, and an explanation of equal access will be mailed to the end user and agent approximately 90 days prior to the end office conversion to FGD or BSA-D. IC names appearing on the ballot will be listed in a random fashion by end office to ensure that no IC will always appear first on the ballot. The IC listed on a pay telephone ballot will be the 0+ carrier.

Using the initial ballot, which end users and agents will be requested to return within 45 days after receipt, the end user or agent may designate an IC for all of its lines or may choose a different PIC for each of its lines. Where an end user has a multi-line hunt group and wants to designate several PICs for this hunt group, special arrangements may be made by contacting the Telephone Company.

An agent may designate an IC for the 0+ traffic from a pay telephone. The 1+ traffic from the pay telephone may be handled by the selected 0+ carrier if the carrier handles 1+ traffic, by a secondary service provider designated by the 0+ carrier, or by the default carrier if the 0+ carrier has made no arrangements with the Telephone Company to receive 1+ pay telephone traffic.

A second ballot will be sent to an end user or agent who has not designated an IC, either by return of the initial ballot or by appearing on an IC Customer list. The second ballot will be sent 30 days after conversion of the end office. If the end user or agent does not respond to the second ballot by the requested date, then that end user or agent will be assigned to the allocated IC shown on the second ballot.

6. MISCELLANEOUS SERVICES (Cont'd)

6.5 Balloting and Allocation Process For Equal Access (Cont')

(A) End User and Agent Notification and Equal Access Balloting Process (Cont'd)

(2) IntraLATA Equal Access

When intraLATA and interLATA equal access is made available concurrently, end users and agents will be notified of the availability of equal access by means of an equal access ballot. ICs and LECs intending to participate in the Balloting Process for each serving end office must inform the Telephone Company in writing no later than 120 days prior to the end office conversion to FGD or BSA-D. The initial ballot, the first of two ballots the end user and agent may receive, listing all ICs and LECs participating in the balloting process, and an explanation of equal access will be mailed to the end user and agent approximately 90 days prior to the end office conversion to FGD or BSA-D. IC and LEC names appearing on the ballot will be listed in a random fashion by end office to ensure that no IC or LEC will always appear first on the ballot.

Using the initial ballot, which end users and agents will be requested to return within 45 days after receipt, the end user or agent may designate an IC or LEC for all of its lines or may choose a different IPIC for each of its lines. Where an end user has a multi-line hunt group and wants to designate several IPICs for this hunt group, special arrangements may be made by contacting the Telephone Company.

A second ballot will be sent to an end user or agent who has not designated an IC or LEC, either by return of the initial ballot or by appearing on an IC or LEC Customer list. The second ballot will be sent 30 days after conversion of the end office. If the end user or agent does not respond to the second ballot by the requested date, then that end user or agent will be assigned to the allocated IC or LEC shown on the second ballot.

When intraLATA equal access is made available in an end office at some time after the end office has converted to interLATA equal access, the Balloting and Allocation process for the intraLATA IPIC will not apply.

(B) Allocation Process

An IC or LEC must notify the Telephone Company of its intent to participate in the allocation process 52 days prior to the end office conversion to equal access. The IC or LEC must also identify whether it will participate in the allocation of business lines, residence lines, or Public/Semipublic Pay Telephones or any combination.

The Telephone Company will tabulate the initial ballots received from the end users and agents described in 6.5(A) and the IC and LEC Customer lists described in 6.5(C). The percentage of end users and agents who have selected a participating IC or LEC will be determined from these ballots and lists. These percentages will be used for the allocation of end users and agents who did not respond to the initial ballot or appear on an IC or LEC list. The percentages used for allocation will be determined approximately five days after end office conversion. A second ballot, indicated in 6.5(A), will be sent to end users and agents who have been allocated to an IC or LEC.

Separate allocation processes will be used for residence, business and Public and Semipublic Pay Telephone lines. The number of end users and agents designating an IC or LEC by returning the initial ballot or appearing on an IC or LEC end user and/or agent list will be totaled. This total will be utilized to compute the percentages used for allocation of residence and business Customers and Public/Semipublic Pay Telephone Customers.

If an IC or LEC participating in the ballot process notifies the Telephone Company that it does not wish to participate in the allocation process, the percentage of Customers allocable to that nonparticipating IC or LEC will be allocated to the remaining ICs and LECs.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(C) Interexchange Carrier Customer Lists

The Telephone Company will accept IC and LEC Customer lists identifying end users and agents 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 end user and agent ballots are received by the IC or LEC, the end user and agent 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.

(D) End User Choice Discrepancy

An IC or LEC is required to certify at the time it submits end user and/or agent 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 or agent. The IC or LEC is not required to submit letters of agency when submitting end user or agent 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 or agent indicates more than one PIC or IPIC per line or returns an illegible ballot, the Telephone Company will contact the end user or agent 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 or agent 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 or agent appears on two or more IC or LEC Customer lists, the end user or agent will be allocated along with the nonrespondents to the initial ballot. A letter sent with the second ballot will inform the end user or agent 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 or agent's choice.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(E) Balloting and Allocation Procedure for Public and Semipublic Pay Telephones

The balloting and allocation of Public and Semipublic Pay Telephone lines is furnished in accordance with the provisions of the Memorandum of the U.S. District Court for the District of Columbia in United States vs. GTE Corporation (C.A. No. 83-1298), issued December 23, 1988.

The balloting and allocation process is a procedure whereby an agent of Public and Semipublic Pay Telephone service may select and designate to the Telephone Company an IC to access, without dialing an access code, for 0+ interLATA calls. This IC is referred to as the agent's primary IC. The 1+ interLATA calls from a pay telephone will be handled by the agent's primary IC if the IC handles 1+ traffic, by a secondary service provider selected by an agent's primary IC, or by the default carrier if the agent's primary IC has made no arrangements for handling 1+ traffic from a pay telephone.

If the agent's primary IC elects not to submit an order for its 1+ interLATA sent-paid traffic or fails to select a secondary service provider to handle its 1+ interLATA calls from the Telephone Company's pay telephones, the 1+ interLATA coin sent-paid traffic will continue to be routed to the existing 1+ default carrier (provided such carrier continues to accept it) until the 0+ carrier notifies the Telephone Company.

The Telephone Company will notify agents of Public and Semipublic Pay Telephones of the availability of equal access through the mailing of an Equal Access Ballot. The mailing of the initial ballots will take place 90 days prior to conversion.

Agents of Public and Semipublic Pay Telephones will be requested to return their respective ballot to the Telephone Company within 45 days from receipt of the ballot.

An IC obtaining service commitments from agents directly, must obtain signed authorization from those agents. The IC will be required to provide that authorization to the Telephone Company within 30 days of the Telephone Company's request for the resolution of disputes.

Agents of Public and Semipublic Pay Telephones who have not made a primary IC selection, either through the Payphone Equal Access Ballot, or directly with an IC, will be sent a second ballot by the Telephone Company 30 days after the conversion date.

The Telephone Company will tabulate the initial ballots received from the agents and the IC Customer lists. The percentage of agents who have selected a participating IC will be determined from these ballots and lists. These percentages will be used for the tentative allocation of agents who did not respond to the initial ballot or appear on an IC list. The percentages used for allocation will be determined approximately five days after end office conversion.

If an IC participating in the ballot process notifies the Telephone Company that it does not wish to participated in the allocation process, the percentage of Customers allocable to that nonparticipating IC will be allocated to the remaining ICs.

The Telephone Company will make post conversion changes in a Public and/or Semipublic Pay Telephone agent's PIC assignment pursuant to an IC provided list. Should an agent dispute authorization for an IC submitted change within 90 days of the PIC assignment to the IC, and if the IC cannot produce a letter of agency or confirmation of choice from the agent within 30 days of a request by the Telephone Company to do so, the Telephone Company will place the public or semipublic telephone on the agent's previously selected IC network. the IC will be billed one unauthorized PIC change charge in 6.5(L) for the change to the disputed network and one PIC change charge in 6.5(K) for returning the public or semipublic telephone to its originally selected IC network.

If the IC produces the letter of agency of confirmation of choice within 30 days of the request by the Telephone Company to do so, and if the service of the disputing agent has been switched back to its originally selected IC network, the agent will be billed two PIC change charges in 6.5(K) in lieu of charges to the IC, one for the switch to the IC providing the letter of agency or confirmation of choice and one for the subsequent switch back to the agent's original IC.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(F) PIC and IPIC Charge Application

Initial end user, end user agent and a local service provider that resells services (herein referred to as reseller) selection of a PIC by ballot or appearing on an IC or, for intraLATA service, a LEC list will not incur a charge. A change of PIC selection prior to the end office conversion to interLATA equal access will not incur a charge. A change of IPIC selection prior to the end office conversion to intraLATA equal access will not incur a charge. Notification of a change in a PIC or IPIC may be coordinated by the end user, end user agent or reseller with either the IC or LEC selected or with the Telephone Company, if it is not the selected LEC. If the customer changes both the PIC and the IPIC on the same order, the charges as specified under 6.5(K) will apply. Within six months after conversion to equal access, an end user, end user agent or reseller allocated to an IC or LEC may elect to change to another IC or LEC at no charge, on a one-time basis. After the six month period has elapsed, a nonrecurring charge in 6.5(K) will apply to change the PIC or IPIC. After conversion to equal access, end users, end user agents or resellers who select an IC or LEC by returning the initial ballot will be charged for each change made.

In end offices converted to Equal Access new end users, end user agents or resellers of Pay Telephones and multi-party end users who upgrade to individual lines must presubscribe to the PIC and/or IPIC of their choice at the time an order is placed for service. The IPIC may be an IC or LEC (the Telephone Company or another LEC). Upon the end user, end user agent or reseller's selection of the PIC and/or IPIC, at the time of placing an order, a confirmation notice will be sent identifying the IC selected as the PIC and/or the IC or LEC selected as the IPIC. From the date of the confirmation notice, he will have 90 days to change his presubscription selection without a charge. If a PIC and/or IPIC is not chosen at the time the order for service is submitted, the end user, end user agent or reseller will be sent a confirmation notice which contains a list of ICs with FGD or BSA-D providing interLATA service and/or a list of ICs and LECs providing intraLATA service, and will be informed that they have 90 days to contact the IC and/or LEC of their choice or the Telephone Company to apply for the PIC or IPIC arrangement. If notice is received by the Telephone Company within 90 days of the in-service date for local service or upgrade, no charge will be billed to the end user, end user agent or reseller. If notice is received after 90 days, the end user, end user agent or reseller will be billed a nonrecurring charge for each PIC or IPIC as in 6.5(K). Until the end user, end user agent or reseller receives service from the selected carrier, he may access the carrier of his choice by dialing the appropriate 101XXXX carrier identification code.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(F) PIC and IPIC Charge Application (Cont'd)

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 (C) and (D). Post conversion changes in a PIC assigned to a Pay Telephone will be made under the conditions set forth in 6.5(E). Should an end user, end user agent or reseller dispute authorization of the change within 90 days of the PIC or IPIC assignment, and if the carrier cannot produce a letter of agency or confirmation from the end user, end user agent or reseller, the Telephone Company will place the end user on the previous carrier network where possible and the carrier will be billed according to the following options:

(1) If the IC or LEC has previously submitted a letter requesting the Telephone Company to settle end user disputes without investigation, the carrier will be charged two PIC or IPIC change charges, in 6.5(K). One PIC or IPIC change charge is for the change to the disputed carrier and one is for placing the end user on his previous carrier network or the carrier network of his choice. By virtue of the carrier's letter requesting no investigation, the Telephone Company will perform no investigation and will not accept nor request at a later date any letter of authorization regarding an end user's disputed PIC or IPIC assignment. This option does not apply to Pay telephones nor Coinless telephone lines. This option also does not relieve the IC or LEC of the conditions set forth in (C) and (D) preceding.

(2) 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 carrier will be billed one Unauthorized PIC or IPIC charge, in 6.5(L), for the change to the disputed carrier and one PIC or IPIC change charge, in 6.5(K), for placing the end user on the carrier network of his choice.

If, under (2) preceding, the carrier produces the letter of agency or confirmation of choice within 30 days of the Telephone Company request, the end user, end user agent or reseller will be billed two PIC or IPIC charges in 6.5(K) in lieu of charges to the carrier. Charges are only applicable if a change in an end user's, end user agent's or reseller's carrier selection has actually been implemented in the switch.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(G) Multi-party End Users

Multi-party end users will continue with the same IC and LEC service arrangement which existed prior to the end office conversion. However multi-party end users may access the IC or LEC of their choice by dialing the appropriate 101XXXX carrier identification code. In certain suitably equipped end offices two-party customers may subscribe to the IC or LEC of their choice.

(H) Cancellation of an IC Participation

If an IC cancels all of its FGD or BSA-D service in the converting end office prior to the conversion date or discontinues all of its FGD or BSA-D service within two years after the introduction of FGD or BSA-D in the converting end office, the IC is obligated to do the following:

(1) Notify the Telephone Company of the cancellation of their FGD or BSA-D service, and

(2) Contact in writing all end users, end user agents or resellers who have selected, or been allocated to, the canceling carriers as their PIC or IPIC, inform these end users, end user agents or resllers of the cancellation, request the end users, end user agents or resellers to select a new PIC or IPIC, and state that the canceling carrier will pay the nonrecurring charge as in 6.5(K).

The Telephone Company will bill the canceling IC or LEC for a period of two years from the discontinuance of FGD or BSA-D service, the nonrecurring charge in 6.5(K) for each end user, end user agent or reseller this carrier has currently designated to it. Such charge will not apply to the canceling carrier where the canceling IC transfers or assigns its FGD or BSA-D services and the associated 101XXXX code to another carrier in such manner that the Telephone Company does not change end user, end user agent or reseller records or if another carrier elects to pay the nonrecurring charge on behalf of the canceling IC or LEC.

(I) Liability of the Telephone Company

If through the fault of the Telephone Company, the end user, end user agent or reseller is not subscribed to its chosen PIC or IPIC the nonrecurring charge in 6.5(K) does not apply to reassign the end user, end user agent or resller to his chosen PIC or IPIC.

6. MISCELLANEOUS SERVICES

6.5 Balloting and Allocation Process For Equal Access (Cont'd)

(J) 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 or agent acting on behalf of an end user post equal access conversion. This ICDDD is a mutually agreed upon negotiated due date, determined to be between 3 and 45 business days from the date of receipt of the order. The carrier must coordinate the ICDDD with the Telephone Company prior to sending in the first order.

The ICDDD does not apply to routine lists provided by the carrier, as set forth in 6.5(C) and (D). The Nonrecurring Charge for PIC or IPIC as set forth in 6.5(K), applies to each line converted to the carrier requesting ICDDD. This charge will be billed to the carrier's end user Customer.

(K) Nonrecurring Charge for Primary InterLATA Carrier (PIC) or Primary IntraLATA Carrier (IPIC)

A multi-level rating structure shall be used to assess the charge based on the manner the order is initiated. A Manual Rate will apply when the end user initiates the request through the Telephone Company. The Manual Rate will also apply to IC changes submitted by the end user, PSP, agent or IC via fax, email, US mail, and phone or in person. The Electronic Rate will apply for changes submitted by ICs using a mechanized interface to the service order entry, other electronic processing systems, or magnetic tape.

When the end user, PSP, agent or ICs submit a simultaneous change of an intraLATA and interLATA primary IC, a reduced rate will apply.

Windstream North, Windstream Telecom, Windstream Systems

	Nonrecurring Charge
IntraLATA Carrier Change – Manual	$5.50
IntraLATA Carrier Change – Manual When combined with an InterLATA Change	$2.75
IntraLATA Carrier Change – Electronic	$1.25
IntraLATA Carrier Change – Electronic When combined with an InterLATA Change	$ .62

InterLATA charges apply as described in Windstream Telecom FCC Tariff No. 1.

(L) Nonrecurring Charge for Unauthorized PIC or IPIC changes

The nonrecurring charges for Unauthorized PIC or IPIC changes are as follows:

For Windstream North*, Windstream Telecom*, and Windstream Systems*

		Nonrecurring Charge	GSEC
(1)	Per Telephone Company Local Business or Residence Service Line or Trunk	$13.57	NEPSUBR (PIC) NAAPSUBR (IPIC)

6. MISCELLANEOUS SERVICES

6.6 Additional Testing for Windstream North*

The Telephone Company will perform acceptance testing as specified in 4.2.7 and 5.1.5 to insure that FIA ordered by the customer are functioning properly, prior to turning over such FIA to the customer. In addition, the Telephone Company will perform ongoing tests as specified in 4.2.1 and 4.2.2 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), to allow a customer to request Telephone Company personnel to perform testing at the customer 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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.6 Additional Testing for Windstream North* (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).

(1) Additional Cooperative Acceptance Testing

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 CL, 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 in 6.2(F) will apply to Additional Cooperative Acceptance Testing at the appropriate Basic, Overtime, or Premium rate.

(2) Automatic Scheduled Testing

Automatic Scheduled Testing (AST) of FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service is provided, as specified in 4.2.1 and 4.2.2, where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. AST charges will apply when such testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). The customer may specify a more frequent schedule of tests at least sixty days prior to the start of the prescribed schedule. Trunks from a Telephone Company digital switch, to a customer digital switch, utilizing digital facilities, are excluded from mandatory routine testing. The rates in 6.6(C)(1), will apply to additional AST.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.6 Additional Testing for Windstream North* (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

Additional Cooperative Scheduled Testing (ACST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer location, with suitable test equipment to perform the required tests. ACST charges will apply when loss/noise/ balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). ACST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service that are not specified in 4.2.1 or 4.2.2. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates 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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.6 Additional Testing for Windstream North* (Cont'd)

(A) Switched Access Testing (Cont'd)

(4) Additional Manual Scheduled Testing

Additional Manual Scheduled Testing (AMST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and at the customer location. AMST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). AMST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service that are not specified in 4.2.1 or 4.22. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates in 6.6(C)(3) 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 result in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests for Switched Access which are normally performed are contained in 4.2.1 or 4.22. 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

- the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer location with suitable test equipment to perform the required tests (cooperative testing), or

- the Telephone Company provides a technician at its office(s), and at the customer location or end user premises with suitable test equipment to perform the required tests (manual testing).

Nonscheduled Tests may consist of any tests which the customer may require. The rates in 6.6(C)(1) will apply to Nonscheduled Automatic Testing. The labor charges in 6.2(F) will apply to Nonscheduled Cooperative and Manual FIA Testing at the appropriate Basic, Overtime, or Premium rate.

If nonscheduled tests are required and trouble is found in Telephone Company facilities, charges for testing the Telephone Company facilities will not apply. If, however, trouble is found in the customer equipment, charges in 6.6(C)(1) and labor charges in 6.2(F) are applicable.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.6 Additional Testing for Windstream North* (Cont'd)

(A) Switched Access Testing (Cont'd)

(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.

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

(Reserved For Future Use)

(Reserved For Future Use)

6. MISCELLANEOUS SERVICES

6.7 Additional Testing for Windstream Telecom* and Windstream Systems*

Testing Services provides for the use of a Telephone Company technician in performing specific tests authorized by the customer including additional testing of facilities which connect to facilities of other telephone companies. Testing Services offered under this section of the tariff are optional and are in addition to acceptance tests and in-service tests performed by the Telephone Company as described in 6.4 (F) and 7.1.8 preceding. Testing Services are made subject to the availability of the necessary qualified personnel and test equipment at the requested test locations.

Testing Services consist of Additional Cooperative Acceptance Testing (ACAT) which is performed during installation of Access Services and Nonscheduled Testing (NST) which is performed after acceptance of Access Services by the customer. Rates and charges for Testing Service are set forth in 8.4(C) following.

The Telephone Company will provide, upon request, documentation that lists the results of the tests performed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(A) Additional Cooperative Acceptance Testing

Rates and charges for Additional Cooperative Acceptance Testing of Switched and Special Access Services apply per technician used.

(1) Switched Access Service

Additional Cooperative Acceptance Testing (ACAT) of Switched Access Service is performed at the time of installation and involves the Telephone Company provision of a technician at its office(s) and the customer provides a technician at its premises, with suitable test equipment to perform the required tests. The Telephone Company may, at the request of the customer, supply a technician at the customer's premises to perform the required tests.

Additional Cooperative Acceptance Testing may, for example, consist of the following tests:

- C-Notched Noise
- Impulse Noise
- Phase Jitter
- Signal to C-Notched Noise Ratio
- Intermodulation Distortion (Nonlinear)
- Frequency Shift (Offset)
- Envelope Delay Distortion
- Dial Pulse Percent Break

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.7 Additional Testing for Windstream Telecom* and Windstream Systems* (Cont'd)

(B) Nonscheduled Testing

Nonscheduled tests are performed by the Telephone Company "on demand." When a customer provides a technician at its premises with suitable test equipment to perform the required tests, the Telephone Company may provide a technician at its office for the purpose of conducting Nonscheduled Testing of Switched or Special Access services. At the customer's request, the Telephone Company may provide a technician at the customer's premises. Nonscheduled tests may consist of any tests, e.g., loss, noise, slope, envelope delay, which the customer may require. Rates and charges for Nonscheduled Testing apply per technician used.

(C) Rates and Charges

The charges for Additional Testing are as follows:

For Windstream Telecom*

Per Technician, Per Hour, or Fraction Thereof

	Basic Time	Overtime#	Premium Time#
(USOC)	(ALK)	(ALK)	(ALK)
(GSEC)	(NAALCBT1)	(NAALCOT1)	(NAALCPT1)
	$39.75	$59.63	$71.42

For Windstream Systems*

Basic Time, Business Day, Per Technician

	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALK)	(ALK)
(GSEC)	(NAALCBT1)	(NAALCBTA)
	$29.67	$20.41

Overtime, Outside the Business Day, Per Technician#

	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALK)	(ALK)
(GSEC)	(NAALCOT1)	(NAALCOTA)
	$33.06	$23.80

Premium Time, Outside the Business Day, Per Technician#

	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(ALK)	(ALK)
(GSEC)	(NAALCPT1)	(NAALCPTA)
	$33.06	$23.80

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
\# A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES

6.8 End User/Agent Lists

(A) Presubscription List

(1) InterLATA Equal Access

Prior to conversion to equal access (i.e., introduction of FGD or BSA-D in an end office switch) an IC may request a list of the Telephone Company's end users of record served from that end office switch. The Presubscription List will be provided as follows:

(a) The Telephone Company will provide a list from its customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC, at rates provided in 6.8.1(A). Foreign listings, PBX stations, CU Centrex stations and numbers not in service will not be provided.

(1) The initial list will be provided to the IC no later than 30 days after receipt of the order and payment by the IC of charges as in 6.8.1(A). The nonrecurring charge for the initial list applies per order. A single order may contain all end offices within a state having the same equal access conversion date. The telephone number will not be provided if an end user has a nonpublished number.

(2) 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 and agents that are presubscribed to the IC (including end users with nonpublished numbers) for the sole purpose of updating the IC's customer account information. There is no charge for this list.

(b) The IC agrees to use the Initial and Account Activity Lists for the sole purpose of either contacting potential customers, or existing customers, regarding interexchange telecommunications services available through equal access to be obtained from the Telephone Company or for the purpose of updating IC customer account information. The IC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.

(c) The IC shall indemnify, protect and save harmless the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Telephone Company's supplying of listing information, services or records.

(d) The Telephone Company and the IC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users as to the separate and independent identity of the respective companies and their services. Neither the Telephone Company nor the IC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC is the same as, a part of, or associated with the Telephone Company.

(e) This service may be terminated by either the Telephone Company or the IC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.

6. MISCELLANEOUS SERVICES

6.8 End User/Agent Lists (Cont'd)

(A) Presubscription List (Cont'd)

(2) 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 and agents of record served from that end office switch. A single Presubscription List will be provided to intraLATA toll providers as follows:

(a) 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 6.8.1(A). Foreign listings, PBX stations, CU centrex stations, public coin station and numbers not in service will not be provided.

(1) 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 6.8.1(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.

(2) The Account Activity List, which includes a listing of all changes to the Customer database, 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 and agents that are presubscribed to the IC or LEC (including end users and agents 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.

(b) The IC or LEC agrees to use the Initial List for the sole purpose of contacting potential Customers/agents, or existing Customers/agents, 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.

(c) 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.

(d) 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 and agents 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.

(e) This service may be terminated by either the Telephone Company or the IC or LEC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC or LEC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.

6. MISCELLANEOUS SERVICES

6.8 End User/Agent Lists (Cont'd)

(B) Allocation Lists

(1) The Telephone Company will provide to the IC or LEC, at no charge, a list of end users and agents that have been allocated to the IC or LEC as described in 6.5(B). This list will be provided after the Balloting and Allocation Process occurs.

(2) A list of all end users and agents who have been allocated, in accordance with 6.5(B), will be available to an IC or LEC upon request. Charges in 6.8.1(A) will apply. The nonrecurring charge for the Allocation List applies each time the IC or LEC orders the service. A single order may contain all end offices having the same equal access conversion date.

(C) Snapshot List

The Snapshot List is a summary of selected end user and agent 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 6.8.1(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(A)(1)(b)-(e) and 6.8(A)(2)(b)-(e).

6.8.1 Rates and Charges

(A) Initial and Allocation Lists

(USOC)	Nonrecurring Charge Per Order (DMT)	Initial List Per Customer** Account (2Y6CT)	Allocation List Per Listing** (2Y6CT)
	$50.00	$ .03	$ .03

(B) Snapshot List

(USOC)	Nonrecurring Charge Per Order (SSQ)	Snapshot List Per Listing# (SSY)
	$75.00	$ .05

** For the purpose of the Initial Lists a customer and agent is defined in Section 2.6. For the purpose of the Allocation list, a listing is defined as an end user or agent record eligible for a Predesignated Interexchange Carrier Selection.

For the purpose of the Snapshot List, a listing is defined as an end user or agent record eligible for a Predesignated Interexchange Carrier Selection.

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, Per Call/Periodic BNA, Data Gathering Service (DGS), and End User Validation List.

(A) Per Call/Periodic BNA and Data Gathering Service

Per Call/Periodic 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. Per Call/Periodic BNA and DGS are offered subject to the conditions set forth in the following:

(1) 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 Per Call/Periodic BNA searched for and found or searched for and not found will be billed at rates in 6.9.1(A). Charges for each record accessed for DGS are set forth under 6.9.1(B). Per Call/Periodic BNA and DGS will be provided via magnetic tape, electronic transmission, or paper format, at the option of the customer, at rates in 6.9.1. The processing fee will be applied on a per state basis, once per calendar year for BNAS processing done within that calendar year.

(2) The customer must order Per Call/Periodic BNA or DGS and provide test data tape at least 30 days prior to delivery of the first customer order.

(3) The frequency for receipt of the customer provided orders for Per Call/Periodic 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.

(4) Per Call/Periodic 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 of nonconsent to 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.

(5) 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 workdays 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.

(6) 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.

(7) Per Call/Periodic 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.

(8) Any customer, provided Per Call/Periodic 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.

(9) 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.

6. MISCELLANEOUS SERVICES (Cont'd)

6.9 Billing Name and Address Services (BNAS) (Cont'd)

(A) (Cont'd)

(10) Conditions regarding refusal or discontinuance of this service are set forth in 2.1.8.

(B) 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 set forth 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 set forth in 6.9(A)(9) above, and the following:

(1) 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 national, multi-state or state level basis, at the option of the customer, for any of the Telephone Company's jurisdictions subject to this tariff, unless prohibited by federal regulation or federal statute. Rates for the standard End User Validation List are set forth under 6.9.1(C).

(2) Per calendar year, the customer may request up to two (2) lists per state for business, coin, and residence listings.

(3) 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 set forth under 6.9.1(C).

(4) Each request shall be treated as a new request. Requests for updates from previous lists will not be provided.

(5) 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.

(6) 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 set forth under 6.9.1(C) applies per request, whether ordered on a per state, multi-state, or national level.

(7) Conditions regarding refusal or discontinuance of this service are set forth in 2.1.8.

6. MISCELLANEOUS SERVICES (Cont'd)

6.9 Billing Name and Address Services (BNAS) (Cont'd)

6.9.1 Rates and Charges

(A) Per Call/Periodic BNA

For Windstream North*

(USOC)	Billing Name and Address Found/Each (BNYFX)	Billing Name and Address Not Found/Each (BNYNX)	Processing Fee* Paper Report, Electronic Transmission, or Magnetic Tape/Each State (BNYMX)
	$.23	$.22	$50.00

For Windstream Telecom and Windstream Systems #

(USOC)	Billing Name and Address Found/Each (BNYFX)	Billing Name and Address Not Found/Each (BNYNX)	Processing Fee* Paper Report, Electronic Transmission, or Magnetic Tape/Each State (BNYMX)
	$.25	$.25	$50.00

(B) Data Gathering Service

For Windstream North, Windstream Telecom and Windstream Systems #

(USOC)	Per Record Accessed (D7GPR)	Processing Fee ** Paper Report, Electronic Transmission, or Magnetic Tape/Each State (D7G)
	$.18	$75.00

(C) End User Validation List

For Windstream North, Windstream Telecom and Windstream Systems #

(USOC)	Standard Sort, Per Record Provided (BVY1X)	Administrative Fee Paper Report, Electronic Transmission or Magnetic Tape/ Per Request (BVY)	Special Sort, Per Record Provided (BVY2X)
	$.034	$78.00	$.054

* Applies once per calendar year for BNA processing done within that calendar year.
** Applies once per calendar year for DGS processing done within that calendar year.
# For Listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.

6. MISCELLANEOUS SERVICES

6.10 Additional Engineering for Windstream Telecom* and Windstream Systems*

Additional Engineering will be provided by the Telephone Company at the request of the customer or when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer's request.

Additional Engineering is provided when:

(A) A customer requests additional technical information beyond that normally included by the Telephone Company on the Design Layout Report (DLR).

(B) Additional engineering time is incurred by the Telephone Company to engineer a customer's specific written request for a customized service or additional engineering activities which are not normally performed in the provision of services under this tariff.

(B) The Telephone Company will notify the customer that Additional Engineering Charges, as set forth in 6.10(C) following, will apply before any additional engineering is undertaken. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the jurisdiction for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charges to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

(C) The charges of Additional Engineering are as follows:

For Windstream Telecom*

	Per Engineer, Per hour, or Fraction Thereof		
	Basic Time	Overtime	Premium Time#
(USOC)	(AEH)	(AEH)	(AEH)
	$47.79	$71.69	$95.58

For Windstream Systems*

	Basic Time, Business Day, Per Engineer	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(AEH)	(AEH)
	$22.17	$12.91

	Overtime, Outside the Business Day, Per Engineer	
	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(USOC)	(AEH)	(AEH)
	$27.39	$18.13

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.
\# Subject to a minimum charge of four hours.

6. MISCELLANEOUS SERVICES

6.11 Controller Arrangement for Windstream Telecom* and Windstream Systems*

This arrangement enables the customer to control up to 48 transfer functions at a Telephone Company central office via a remote keyboard terminal capable of either 300 or 1200 bps operation. Included as part of the Controller Arrangement is a dial-up data station located at the telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel.

The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

	USOC	Monthly Rate
- Per arrangement	XTDDU	$100.00

This rate is applicable for Windstream Telecom* and Windstream Systems* exchanges.

6.12 Restoration Priority for Windstream Telecom* and Windstream Systems*

The Telephone Company will arrange a Special Access Service for Restoration Priority on receipt of certification in conformance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations. A charge applies when a request to provide or change a Restoration Priority is received subsequent to the issuance of an Access Order to install the service. No charge applies when a Restoration Priority is discontinued.

For Windstream Telecom*

	Nonrecurring Charge
Restoration priority, per service arrangement (GSEC - RSP)	$104.02

For Windstream Systems*

	Nonrecurring Charge
Restoration priority, per service arrangement (GSEC - RSP)	$ 21.67

* For listing of exchanges, see Section 1.1.1, 1.1.2 and 1.1.3.

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7. SPECIALIZED FIA OR ARRANGEMENTS

7.1 General

Specialized FIA or Arrangements may be provided by the Telephone Company, at the request of a customer, on an Individual Case Basis (ICB) if such FIA or arrangements meet the following criteria:

- The requested FIA or arrangements are not offered under other sections of this tariff.
- The facilities utilized to provide the requested FIA or arrangements are of a type normally used by the Telephone Company in furnishing its other services.
- The requested FIA or arrangements are provided within a LATA.
- The requested FIA 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

Rates and charges and additional regulations, if applicable, for Specialized FIA or Arrangements provided on an Individual Case Basis (ICB) are filed following:

(Reserved for Future Use)

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8. ANCILLARY SERVICES

8. ANCILLARY SERVICES

8.1 General

8.1.1 Service Offerings

Ancillary Services are available in the following categories:

- Call Recording 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) When the customer subscribes to Call Recording Service, as set forth in 8.1.3(A) following, 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 the 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 SERVICES (Cont'd)

8.1 General (Cont'd)

8.1.2 Regulations (Cont'd)

(A) Undertaking of the Telephone Company (Cont'd)

(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 Services. In case of such discontinuance, all applicable charges shall immediately become due.

8. ANCILLARY SERVICES (Cont'd)

8.1 General (Cont'd)

8.1.2 Regulations (Cont'd)

(A) Undertaking of the Telephone Company (Cont'd)

(2) Discontinuance and Refusal of Ancillary Services (Cont'd)

(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.

(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 the 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).

(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.

8. ANCILLARY SERVICES (Cont'd)

8.1 General (Cont'd)

8.1.2 Regulations (Cont'd)

(C) Payment Arrangements

(1) Minimum Charges

Call Recording is subject to minimum charges as set forth in (2) below.

(2) 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.

(3) Payment of Charges

When the Telephone Company purchases Call Recording from another telephone company for a customer, rates and charges for these services as contained in this tariff are applicable.

8. ANCILLARY SERVICES (Cont'd)

8.1 General (Cont'd)

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) Call Recording Service

The Telephone Company will provide, for other than operator handled and billed messages, Call Recording in Telephone Company suitably equipped end offices or tandems. Call Recording is available only with FGC and FGD offered by the Telephone Company or similar Feature Group offerings by another telephone company, 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 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 of the specific Feature Group arrangement (FGC and/or FGD) to which the customer has subscribed.

The equipment at the customer 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 Services from another telephone company. Another telephone company or entity may purchase Call Recording Services 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 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.

8.1.4 Rate Regulations

(A) Call Recording Service

Call Recording Service for MTS/WATS services includes those functions listed in 8.1.3(A). The rates as set forth in 8.1.5 applies per message recorded.

8. ANCILLARY SERVICES (Cont'd)

8.1 General (Cont'd)

8.1.5 Rates and Charges

(A) MTS/WATS Services	Rate
(1) Call Recording Service, Per Message	$.0150

8.2 Operator Transfer Service

Operator Transfer Service described in this Section will be provided to access customers as an optional feature in conjunction with Feature Group C (FGC), Feature Group D (FGD), BSA-C or BSA-D Switched Access Services from designated Operator Services Switching locations in those LATAs where the Telephone Company has the capability to provide such service.

8.2.1 General Description

Operator Transfer Service is an originating service that provides call transfer of 0- (the digit 0 with no additional digits) intrastate calls to a participating customer as requested by the calling end user. Operator Transfer Service is provided when an end user dials "0" and is routed to the Telephone Company's operator and requests completion of an intrastate call. Operator Transfer Service provides for the routing of the call from the Telephone Company's Operator Services Switching Location to one customer location in the same LATA.

The Telephone Company operator will ask the end user to identify the customer to which they desire to be connected. The operator will then transfer the call to the designated customer. 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 participating customers. The list of participating Operator Transfer Service customers will be updated monthly. The order in which participating customers will appear on the list will be initially determined by use of a random drawing. For each subsequent monthly update following the initial selection, the customer in the first position will be moved to the last position on the list. All other customers will be moved up one position. New Operator Transfer Service customers will be placed at the bottom of the list of participating customers pending the next monthly update.

8.2.2 Service Provisioning

(A) The Telephone Company will provide Operator Transfer Service for calls originating from all end offices within the LATA served by a designated Operator Services Switching Location.

A list of end offices served by the Operator Services Switching Location will be provided to the customer upon request.

(B) Operator Transfer Service will be provided over FGC or FGD trunk groups, arranged for either one-way or two-way calling, from the Operator Services Switching Location to one customer location in the same LATA.

(C) Switched Access used in conjunction with Operator Transfer Service will be provisioned in accordance with the technical specifications and requirements set forth in Section 4 of this tariff.

(D) Designated Telephone Company Operator Services Switching Locations are identified in The National Exchange Carrier Association Tariff FCC No. 4. The designated locations will be in those LATAs in which the Telephone Company is able to provide Operator Services.

8. ANCILLARY SERVICES (Cont'd)

8.2 Operator Services (Cont'd)

8.2.3 Rate Regulations

Where the Telephone Company has measurement capability for Operator Transfer Service per call charges, the Telephone Company will bill the actual usage measured on a per call basis. For Operator Transfer Service, FGC, FGD, BSA-C and BSA-D access minutes will also be billed in addition to the per call charge.

When measurement capability is not available, the customer shall furnish a forecast of the number of calls (call capacity) anticipated for each month of the succeeding year by type of call (i.e., Operator Transfer calls) and by Operator Services Switching Location at the time the order is placed. For mixed intrastate and interstate services, the customer's estimate shall include the percent of interstate calls. At a minimum, the customer shall revise this forecast annually. More frequent revisions of the forecast may be submitted, however, no more than once per month.

Such estimates shall be used as a basis for billing the Operator Services per call charges until such time as the Telephone Company has actual measurement capability available. The customer shall maintain records supporting such estimates.

(A) Operator Transfer Service Rate

The Operator Transfer Service Rate is assessed per 0- call transferred to a customer. A 0- call is considered transferred when the Telephone Company operator activates the transfer function sending the call to the designated customer.

Switched Access Charges

FGC, FGD, BSA-C or BSA-D Switched Access usage charges and Carrier Common Line Charges will also apply per minute of use for Operator Transfer Service.

8.2.4 Rates and Charges

(A) Operator Transfer Service	Rate
Per call transferred	$ .35

SECTION 9 TABLE OF CONTENTS

9. SPECIAL FACILITIES ROUTING OF FIA

9.1 Description of Special Facilities Routing of FIA

The FIA 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, or Limited Access in a manner which includes one or more of the following conditions.

9.1.1 Diversity

Where two or more FIA must be provided over not less than two different physical routes. Diversity is a Basic Service Element (BSE) under the Telephone Company's Open Network Architecture (ONA) plan.

9.1.2 Avoidance

Where a FIA must be provided on a route which avoids specified geographical locations.

9.1.3 Cable-Only Facilities

Where certain voice grade FIA are provided on cable-only facilities to meet the particular needs of a customer. FIA is provided subject to the availability of cable-only facilities. In the event of FIA 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 in Section 4. Cable-only facilities are available for Switched Access as in Section 4.

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 FIA. If requested by the customer, this information will be provided when the FIA is installed and prior to any subsequent change in routing.

The rates and charges for Special Facilities Routing of FIA as in 9.2 are in addition to all other rates and charges that may be applicable for FIA provided under other sections of this tariff.

9. SPECIAL FACILITIES ROUTING OF FIA (Cont'd)

9.2 Rates and Charges

The rates and charges for Special Facilities Routing of FIA are as follows:

9.2.1 Diversity

For each FIA provided in accordance with 9.1.1 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.2 Avoidance

For each FIA provided in accordance with 9.1.2 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.3 Diversity and Avoidance Combined

For each FIA provided in accordance with 9.1.1 and 9.1.2 preceding, combined, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.4 Cable-Only Facilities

For each FIA provided in accordance with 9.1.3 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

SECTION 10 TABLE OF CONTENTS

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 FIA offered under this tariff, which will be constructed at the election of the Telephone Company.

When Special Construction of FIA is required, the provisions of this section apply in addition to regulations, rates and charges set forth in other sections of this tariff.

10.1.1 Conditions Requiring Special Construction

Special Construction is required when facilities are not available to meet a customer's ASR and one or more of the following conditions exist:

- The Telephone Company has no other requirement for the facilities constructed at the customer's request;
- The customer requests that FIA 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 FIA;
- 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 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. SPECIAL CONSTRUCTION (Cont'd)

10.1 General (Cont'd)

10.1.3 Interval to Provide FIA

Based on available information and the type of FIA 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., back order of components) may force a reschedule, and a new completion date will be established with the customer when appropriate.

10.1.4 Special Construction Involving Interstate and Intrastate FIA

When Special Construction involves facilities used to provide both interstate and intrastate FIA, charges for the portion of the construction used to provide intrastate FIA shall be in accordance with this tariff. Charges for the portion of the construction used to provide interstate FIA shall be in accordance with the appropriate Windstream Iowa Communications, LLC interstate tariff providing Facilities for Interstate Access.

10.2 Liabilities, Charges and Payments

10.2.1 General

This section describes the various charges and liabilities that apply when the Telephone Company provides Special Construction of FIA, 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 FIA starts on the day after the FIA are provided. Billing accrues through and includes the day that the specially constructed FIA are discontinued. Monthly charges will be billed one month in advance.

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. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

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.

Under the actual cost option, if all actual costs are not available prior to the in-service date of the FIA, estimated Special Construction charges will be quoted. As soon as the actual costs are subsequently determined, the estimated charges will be adjusted to reflect the actual costs. The charges will then reflect actual costs existing at the time the FIA 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

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 Liabilities, Charges and Payments (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 FIA 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 11.5, 11.6 and 11.8 following.

(B) Reduction of 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 FIA is in service. For example, if the MTL period is 10 years, for each month in service the MTL would be reduced 1/120th.

10.2.7 Types of Charges

Two categories of charges may be applicable for Special Construction. These charges are nonrecurring charges and recurring charges. These categories are described below.

(A) Nonrecurring Charges

One or more of the following nonrecurring charges may apply for each case of Special Construction: case preparation, termination, cancellation, expediting the construction, or optional payment charges.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(1) Case Preparation Charge (GSEC) NASCCP

The charge for case preparation includes the administrative expense associated with preparing and listing the charges in the tariff. This expense includes items as: (a) tariff preparation and processing and (b) gross receipts and surcharge taxes.

(2) Termination Charge (GSEC) NASCT

A Termination Charge applies when, at the IC's request, FIA 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 FIA 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.

(3) Cancellation Charge (GSEC) NASCC

If the customer cancels an ASR with which Special Construction is associated prior to the in-service date of the FIA, 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.

(4) Expediting Charge (GSEC) NASCE

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 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(5) Optional Payment Charge (GSEC) NASCOP

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	$20,000
Minus Optional Payment Charge	13,000
Equals Investment for MTL Computation	7,000
Remaining Recoverable Excess Installed Cost	$ 0

Since the total installed cost is $30,000 and the normal installed cost would have been $17,000, the nonrecurring charge (optional payment) is limited to the difference (i.e., $13,000). A Maximum Termination Liability would then be established to protect the remaining nonrecoverable cost of $7,000 which is the difference between the total nonrecoverable cost ($20,000) and the nonrecurring charge ($13,000). The remaining excess installed cost in this example is zero. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(5) Optional Payment Charge (Cont'd)

(a) Development of Optional Payment Charge (Cont'd)

Example 2:

Total Installed Cost	$30,000
Nonrecoverable Cost	10,000
Normal Installed Cost	17,000
Total Installed Cost	$30,000
Minus Normal Installed Cost	17,000
Equals Excess Installed Cost	13,000
Optional Payment Charge	10,000
Nonrecoverable Cost	$10,000
Minus Optional Payment Charge	10,000
Equals Investment for MTL Computation	0
Remaining Recoverable Excess Installed Cost	$ 3,000

The Optional Payment Charge is limited to the nonrecoverable cost. In this example the Optional Payment Charge equals the nonrecoverable cost. Therefore, there is no Maximum Termination Liability. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.

(b) Replacement Charge (GSEC) NASCR

If any portion of the specially constructed FIA, 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 FIA. 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 FIA subject to the replacement charge fails, the FIA 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

$$\text{Original Optional Payment Charge} \times \frac{\text{Replacement Cost}}{\text{Total Installed Cost}}$$

$$\frac{\$15{,}000 \times \$2{,}000}{\$30{,}000} = 1{,}000$$

Replacement Charge	$ 1,000

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (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 FIA. There are three conditions for which recurring charges apply:

- When a customer requests the construction of more facilities than are necessary to provide the FIA currently ordered.
- When a customer requests a facility route or type other than that which the Telephone Company would utilize to provide FIA.
- When a customer's request results in the Telephone Company leasing transmission or other equipment from private vendors to provide FIA (Lease Charge).

(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 FIA 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

$$\text{Monthly } \frac{\$552}{12} = \$46$$

This charge applies until such time as the customer orders sufficient FIA 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

$$\text{Monthly } \frac{\$237}{12} = \$19.75$$

This charge is revised in this manner until the number of FIA 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 FIA 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 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(2) Charge for Route or Type Other Than Normal (GSEC) ASCR/T

When the customer requests Special Construction using a route or type of FIA 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 FIA and the estimated recurring costs of the FIA the Telephone Company would normally use. The charge will be no greater than the recurring costs of the specially constructed FIA.

(a) If the customer elects to pay an Optional Payment Charge, the portion of the recurring charge for the excess investment covered by the optional payment excludes capital cost items (depreciation, return on investment and Federal income tax on that return). The remaining recurring expense cost items associated with the optional payment (maintenance, administration, and other taxes), are increased by a ten percent management fee and will be included in the recurring charge.

The portion of any recurring charge associated with any remaining Special Construction investment will include both capital and expense costs. The ten percent management fee is not applied to this portion of the recurring charge.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(2) Charge for Route or Type Other Than Normal (Cont'd)

(a) (Cont'd)

DEVELOPMENT OF RECURRING MONTHLY CHARGE FOR OPTIONAL PAYMENTS

For example 1 see 10.2.7(A)(6)(a)

		SPECIAL ROUTE OR TYPE OF FIA			NORMAL
		A	B	C	D
		Optional Payment Nonrecurring Charge For Special Const. FIA	Specially Constructed FIA Less Nonrecurring Charges	Existing Facilities	Normal Route/Type Facilities
		$13,000	$17,000		$17,000
1.	Depreciation	-	1,122		408
2.	Federal Income Tax and Return	-	2,142		2,346
3.	Maintenance	1,131	1,479		799
4.	Administration	455	595		595
5.	Other Taxes	286	37		374
6.	Sub Total	1,872	-	-	-
7.	10% x Line 6	187	-	-	-
8.	Totals (A)	$ 2,059	(B) $ 5,712	(C)	(D) $ 4,522

A + B = $7,771
A + B + C = 7,771
(A + B + C) - D = 3,249

Excess Recurring Charge:* Annually $3,249.00
Monthly $ 270.75

* The lower of (A+B+C)-D, or (A+B)

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(2) Charge for Route or Type Other Than Normal (Cont'd)

(a) (Cont'd)

For example 2 see 10.2.7(A)(6)(a)

		SPECIAL ROUTE OR TYPE OF FIA				NORMAL
		A	B	C	D	
		Optional Payment Nonrecurring Charge For Special Const. FIA	Specially Constructed FIA Less Nonrecurring Charges	Existing Facilities	Normal Route/Type Facilities	
		$10,000	$20,000		$17,000	
1.	Depreciation	-	1,320		408	
2.	Federal Income Tax and Return	-	2,520		2,346	
3.	Maintenance	870	1,740		799	
4.	Administration	350	700		595	
5.	Other Taxes	220	440		374	
6.	Sub Total	1,440	-	-	-	
7.	10% x Line 6	144	-	-	-	
8.	Totals (A)	$ 1,584	(B) $ 6,720	(C)	(D) $ 4,522	

A + B = $8,304
A + B + C = 8,304
(A + B + C) - D = 3,782

Excess Recurring Charge:* Annually $3,782.00
Monthly $ 315.17

* The lower of (A+B+C)-D, or (A+B)

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.7 Types of Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(2) 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 FIA.

(3) Lease Charge (GSEC) ASCL

A Lease Charge applies when the Telephone Company leases equipment (e.g., portable microwave equipment) in order to provide FIA 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 FIA or (B) temporary FIA.

(A) Special Construction of Permanent FIA

(1) Special Construction When Not Available and There is No Other Requirement for Them

When permanent FIA are not available and the Telephone Company constructs them and there is no other Telephone Company need for the specially constructed FIA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

10. SPECIAL CONSTRUCTION (Cont'd)

10.2 Liabilities, Charges and Payments (Cont'd)

10.2.8 Application of Charges (Cont'd)

(A) Special Construction of Permanent FIA (Cont'd)

(2) Special Construction Using a Route or Type of FIA Other Than Normal

When the specially constructed FIA involve a route or type of FIA other than that which the Telephone Company would ordinarily use, charges are based on the difference between the estimated costs of the specially constructed FIA and those the Telephone Company would ordinarily use. A nonrecurring charge, a recurring charge, a Maximum Termination Liability may be applicable.

(3) Special Construction of a Greater Quantity of FIA Than Necessary to Satisfy the Customer's Order for Service

When the Telephone Company constructs more FIA 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 FIA Order

When permanent FIA are not available and temporary FIA are constructed pending the construction of permanent FIA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

10. SPECIAL CONSTRUCTION (Cont'd)

10.3 Deferral of the In-Service of FIA

10.3.1 General

The customer may request the Telephone Company to defer the in-service of FIA on specially constructed FIA subject to the provisions as set forth in 3.2.2(B) preceding. If the deferral is not in compliance with the provisions as set forth in 3.2.2(B), 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.

10.3.3 Construction Has Started But Is Not Complete

If the construction of FIA 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 FIA ordered are deferred.

(A) All FIA Are Deferred

When all FIA 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 FIA already completed and any other costs associated with the deferral. The Case Preparation Charge also applies.

(B) Some But Not All FIA Are Deferred

When some, but not all, FIA utilizing the specially constructed FIA are deferred, the Special Construction case will be completed. Maximum Termination Liabilities 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 FIA 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 will begin when the customer accepts the service.

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Iowa Telecom Services, Inc. made a tariff filing with the Iowa Utilities Board on July 1, 2005 to remove Special Access from Iowa Telecom's Iowa No. 2 Tariff. Special Access was previously found to be subject to effective competition by the Board, and deregulated. This service is detariffed as of the effective date on this sheet.

A description of Special Federal Government FIA, terms and conditions, and rates are contained in Iowa Telecom's Rates and Services Guide of deregulated products and services.

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12. CARRIER COMMON LINE ACCESS SERVICE

12.1 Statement of Concurrence

The rates, rules, and regulations for Carrier Common Line Service furnished by the Telephone Company to the customers who use Telephone Company provided End Office Services, unless otherwise specified herein, are the rates, rules, and regulations set forth in General Telephone Operating Companies Tariff FCC No. 1.

The Telephone Company reserves the right to cancel and make void the above statement, subject to requirements as may be ordered by the Utilities Board of the Iowa Department of Commerce, and at any and such time it appears that such cancellation is in the best interest of the Telephone Company and/or its end users.

12.2 Exceptions to Concurrence

12.2.1 The rate for the intrastate Carrier Common Line charge shall be as follows:

Per Originating Intrastate Access Minute		
Non-8YY Traffic	$.0268524	(C)
8YY Traffic	##	(C)
Per Terminating Intrastate Access Minute		
Windstream North*	0.00000	
Windstream Telecom*	0.00000	
Windstream Systems*	0.00000	

12.2.2 There shall be no discounted transitional Carrier Common Line charges applied in Iowa.

* For listing of exchanges see Section 1.1.1, 1.1.2 and 1.1.3.
This rate element mirrors the applicable rates set forth in Windstream Telephone System, FCC Tariff No. 6 located at https://www.windstream.com/about-us/tariffs/

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13. END USER FIA

The Telephone Company will provide End User FIA to end users who obtain local telephone service from the Telephone Company under its General and/or Local tariffs and to end users and ICs that obtain FIA from the Telephone Company under this tariff.

13.1 General Description

End User FIA provides for the use of a Common Line (excluding Public Pay Telephone connections) by an end user or an IC.

Use of a Common Line is provided 24 hours a day, seven days a week.

13.2 Limitations

(A) A telephone number is not provided with End User FIA.

(B) Detail billing is not provided for End User FIA.

(C) Directory listings are not included in the rates and charges for End User FIA.

(D) Intercept arrangements are not included in the rates and charges for End User FIA.

13.3 Liability

The regulations as set forth in 2.1.3 preceding apply to a customer provided with End User FIA.

13.4 Provision and Ownership of Telephone Numbers

The customer has no property right to the telephone number assignment or any other call number designation associated with End User FIA. The Telephone Company reserves the right to assign, designate or change such numbers, or the Telephone Company serving Central Office prefixes associated with numbers, when reasonably necessary in the conduct of its business.

13. END USER FIA (Cont'd)

13.5 Payment Arrangements and Credit Allowances

13.5.1 Payment of Rates, Charges and Deposits

The regulations as set forth in 2.4.1 preceding apply to customers provided with End User FIA.

13.5.2 Cancellation of Application

End User FIA is cancelled when the ASR for the associated local telephone service is cancelled. No cancellation charges apply.

13.5.3 Changes to ASRs

When changes are made to ASRs for the local telephone service or Switched Access associated with End User FIA, any necessary changes will be made for End User FIA. No charges will apply.

13. END USER FIA (Cont'd)

13.5 Payment Arrangements and Credit Allowances (Cont'd)

13.5.4 Allowance for Interruptions

When there is an interruption to End User FIA, no credit will be allowed for an interruption of less than 24 hours. The customer will be credited for an interruption of 24 hours or more at the rate of 1/30th of the Common Line per month charge for End User FIA for each period of 24 hours or major fraction thereof that the interruption continues from the time of notice to the Telephone Company that an interruption has occurred.

13.5.5 Temporary Suspension of FIA

When a customer temporarily suspends its local service which is associated with a Common Line, the rate for the Common Line will be reduced in accordance with the Terms and Conditions for temporary suspension of service as set forth in the Telephone Company General and/or Local Tariff for the time period the local service is suspended.

13.6 Rate Regulations

(A) The end user of local service will be charged the End User Access Charge.

(B) Residence rates, as set forth in 13.7 following, apply to common lines that are subject to residential rates under Telephone Company General and/or Local tariffs.

Business Single Line rates, as set forth in 13.7 following, apply to common lines that are not subject to residential rates under Telephone Company General and/or Local tariffs when only one such line is obtained by the same customer within a state from the same Telephone Company.

Business Multiline rates, as set forth in 13.7 following, apply to common lines that are not subject to residential rates under Telephone Company General and/or Local tariffs when more than one such line is obtained by the same customer within a state from the same Telephone Company, with the exception of Central Office located Centrex and Centrex-type services as set forth in (C) following.

A distinction should be made between multi-line and multi-party service, in that each party of a multi-party service is treated as single-party service for rate application. For example:

1) A multi-party residential subscriber with one line will be assessed the residence rate.

2) A multi-party residential subscriber with two or more terminating lines will be assessed the residence rate for each of those lines.

3) A multi-party business subscriber with one terminating line will be assessed the business single line rate.

4) A multi-party business subscriber with two or more terminating lines will be assessed the business multi-line rate for each of those lines.

13. END USER FIA (Cont'd)

13.6 Rate Regulations (Cont'd)

(C) Central Office located Centrex and Centrex-type services, Centrex lines in use or on order as of July 27, 1983, are rated as set forth in 13.7 following for Centrex I. All other Centrex lines are rated as set forth in 13.7 following for Business Multiline.

Central Office located Centrex Dormitory (Residential) Service is a service to a college, university or school that serves the students or faculty dormitory (residential) quarters. Residence rates, as set forth in 13.7 following, apply to Common Lines used to provide Centrex Dormitory Service.

(D) For service provided as Remote Call Forwarding, residential or business, under the General and/or Local exchange service tariffs, End User Access charges do not apply.

(E) Common Line costs for Public Pay Telephones and related facilities that are available to the general public for convenience and necessity are provided for as set forth for Public Pay Telephone in 12 preceding. Semi-public Pay Telephone Common Lines and related facilities are rated as Business Single Line or Business Multiline as set forth in 13.6 (B) preceding.

13. END USER FIA (Cont'd)

13.7 Rates and Charges

Monthly rates for Common Lines are as follows:

	Per Common Line		
(GSEC)	Business Multi-Line Monthly Rate	Business Single Line and Residence Monthly Rate	Centrex I Monthly Rate (ACL CTX1)
	None	None	None

14. EXCEPTIONS TO FIA OFFERINGS

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15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.1 General

This section contains the rules and regulations pertaining to the provision of Frame Relay Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service

(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56/64* Kbps, 128 Kbps, 256 Kbps, 384 Kbps, DS1, or DS3 using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The customer premises equipment then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC path.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union formerly Consultative Committee for International Telegraph and Telephone ([CCITT]) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

The Committed Information Rate (CIR) and the Maximum Burst Size (Be) are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

The Optional Payment Plan (OPP) arrangements are available as set forth under 15.2(E)(4).

(B) Service Provisioning

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, or Frame Relay UNI Port Only, Frame Relay Network-to-Network (NNI) Port Only, Frame Relay Public NNI based on Committed Information Rate (CIR), and CIR-based Permanent Virtual Circuits (PVCs). The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service and where pre-established by the Telephone Company. DS3 Frame Relay Service is not offered bundled with the Frame Relay Access Line. DS3 Frame Relay Service is available on a UNI or NNI port only basis and the DS3 access line is obtained from Section 5. The Frame Relay UNI or NNI Port Only offerings are provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5.

* Upon request and where available

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(B) Service Provisioning (Cont'd)

PVCs are provisioned on either 56/64 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, DS1 or DS3 ports, depending upon the customer's networking requirements. The actual throughput of aggregated PVC 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 is referred to as over-subscription and when this occurs, there can be no guarantee that the CIR defined for that port and PVC will be available at any point in time.

No PVC can have a CIR greater than the lower of the two port speeds connected by the PVC segment.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A separate entity may subscribe, with written authorization from the Controller, to a PVC which allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the Controller may order the disconnect of the Frame Relay Access Service. Both customers must have a Frame Relay Service. The Controller of each Frame Relay Access Service must have written permission from the Controller(s) of each of the Frame Relay Services to which a PVC is requested.

The Frame Relay Port with CIR-PVC capacity may be ordered and billed separately from an associated frame relay port and PVC and can have different customers as Controllers.

The Committed Information Rate (CIR) and Maximum Burst Size (Be) are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

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 the Frame Relay Switch out of service, during the predetermined maintenance window 12:01am to 06:00am. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Telephone Company reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(C) Obligations of the Telephone Company

In addition to the general conditions described in Section 2, when a customer requests a path which is related to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing the associated PVC.

The Telephone Company has the service responsibility up to and including the network interface.

(D) Obligations of the Customer

In addition to the general conditions described in Section 2:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.

- The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the Frame Relay Service it offers and to assure that the service arrangement is in compliance with the regulations contained herein.

- 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.

- At service subscription, the customer should specify the CIR and Be 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 maximum burst size will be defaulted to zero.

- Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the Be, with bad addresses, or other errors, will be discarded on ingress to the network.

(E) Rate Regulations

(1) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under an Optional Payment Plan (OPP) arrangement. The regulations applicable to Frame Relay Service provided under an OPP arrangement are specified under 15.2(E)(4). CIR based PVCs and Public NNI access are not offered under an OPP. When PVCs are added to existing Frame Relay Service, the minimum period for the added PVCs is one month.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps, 128 Kbps, 256 Kbps, 384 Kbps or DS1), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs.

(b) 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 Frame Relay serving wire center, if applicable, offered in Section 5 of this tariff.

(c) 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 of this tariff.

(d) Frame Relay CIR-PVC

A monthly rate applies for each PVC based on the CIR requested by the customer. If no CIR is indicated,the CIR will be set at the default of 50% of the associated Frame Relay Port. One hundred percent CIR will be allowed when conditions and infrastructure permit.

Customers may purchase Express PVC-1 or Express PVC-2, to prioritize PVCs at a higher rate than CIR-PVCs. Express PVC will help to ensure maximum performance and satisfaction for applications such as voice over Frame Relay. The above conditions apply to Express PVC.

(e) Frame Relay Public NNI Access

The public Network-to-Network (NNI) access connections are shared among several customers whose data traffic traverses the link. The monthly rate is applied based on the CIR requested by the customer. Public NNI access will be provisioned where pre-established.

(f) CIR-PVC Subsequent Order Charge

When a customer orders additional PVCs or Be or changes PVC or Be assignments on a Frame Relay port after the initial port installation, the CIR-PVC Subsequent Order Charge will apply per order.

(g) Maximum Burst Size (Be)

For port size of 256 Kbps or higher, a burst size monthly recurring charge may be applicable. Be is uncommitted data.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(3) Rate Application

A customer may access Frame Relay Service via a Frame Relay Access Line or via Telephone Company provided digital access facilities offered under Section 5. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay UNI or NNI Port Only charge set forth under 15.2(F)(2) or 15.2(F)(3) respectively for standard arrangements. The UNI Port provides for a user to frame relay switch connection; the NNI Port provides for a frame relay switch to frame relay switch connection.

The Frame Relay Access Line and its associated PVC segment(s) may be ordered and billed separately from an associated frame relay port and PVC and can have different Controllers, as discussed under 15.2(B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize adisconnect of that line.

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

- Change of customer name, i.e., the customer or record does not change but rather the name of record changes its name, e.g., XYZ Company to XYZ Communications,
- Change of customer premises address when the change of address is not a result of a physical relocation of facilities,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number, and
- Change of customer service element identification.

(4) Optional Payment Plan (OPP)

(a) General

(1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.

(2) The Frame Relay UNI Port with Access Line, the Frame Relay UNI or NNI Port Only rate elements are available under an OPP. PVC CIR capacity is not offered under an OPP. Digital special access lines and additional features are available at their tariffed rates and regulations.

(3) Frame Relay OPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Optional Payment Plan (OPP) (Cont'd)

(a) General

(4) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP rates will flow through to the three year and five year OPP rates.

(5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 15.2(F)(1-3) regardless of when they subscribe to an OPP arrangement. Rate elements must be ordered under the same OPP period.

(6) The customer must designate on the order the payment period for the OPP.

(7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.

(8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Optional Payment Plan (OPP) (Cont'd)

(b) Changes in Length of OPP Period

Prior to the completion of the selected OPP period, the customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new OPP period is shorter in length 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.

(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. Conversion of existing OPP service to a different OPP period will be allowed without application of any nonrecurring or ordering charges.

(3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

(d) Notification of Discontinuance

An 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.

(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 order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by the Company at the same time.
- The fixed period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan.
- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Optional Payment Plan (OPP) (Cont'd)

(e) Upgrade to Higher Speed Service (Cont'd)

- The monthly rates for the upgraded services and/or service elements will be those in effect at the time of the service upgrade.

- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) or meets the requirements set forth in Section 5.6.4(B)(2), 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 for all other services.

(f) 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 and Access) will also apply 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.

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.

(g) 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.

(h) 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.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges

	Nonrecurring Charges	Monthly Rate	USOC	IOSC
(1) Frame Relay UNI Port and Access Line, Each				
56/64** Kbps				54804(NRC)
Month to Month	$295.00	$110.00	FP8	54800
1 Year OPP	295.00	105.00	FP8	54801
3 Year OPP	295.00	95.00	FP8	54802
5 Year OPP	295.00	85.00	FP8	54803
128 Kbps				54817(NRC)
Month to Month	$395.00	$200.00	FP8	54805
1 Year OPP	395.00	180.00	FP8	54806
3 Year OPP	395.00	165.00	FP8	54807
5 Year OPP	395.00	160.00	FP8	54808
256 Kbps				54817(NRC)
Month to Month	$395.00	$280.00	FP8	54809
1 Year OPP	395.00	250.00	FP8	54810
3 Year OPP	395.00	235.00	FP8	54811
5 Year OPP	395.00	220.00	FP8	54812
384 Kbps				54817(NRC)
Month to Month	$395.00	$365.00	FP8	54813
1 Year OPP	395.00	345.00	FP8	54814
3 Year OPP	395.00	335.00	FP8	54815
5 Year OPP	395.00	320.00	FP8	54816
DS1 (1.536 Mbps)				54822(NRC)
Month to Month	$395.00	$530.00	FP8	54818
1 Year OPP	395.00	510.00	FP8	54819
3 Year OPP	395.00	490.00	FP8	54820
5 Year OPP	395.00	470.00	FP8	54821
(2) Frame Relay UNI Port Only, Each *				
56/64** Kbps				54827(NRC)
Month to Month	$ 80.00	$ 45.00	FP9	54823
1 Year OPP	80.00	43.00	FP9	54824
3 Year OPP	80.00	41.00	FP9	54825
5 Year Opp	80.00	38.00	FP9	54826

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.
** Where conditions allow.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	USOC	IOSC
(2) Frame Relay UNI Port Only, Each * (Cont'd)				
128 Kbps				54840(NRC)
Month to Month	$ 150.00	$ 80.00	FP9	54828
1 Year OPP	150.00	75.00	FP9	54829
3 Year OPP	150.00	70.00	FP9	54830
5 Year OPP	150.00	68.00	FP9	54831
256 Kbps				54840(NRC)
Month to Month	$ 150.00	$ 115.00	FP9	54832
1 Year OPP	150.00	110.00	FP9	54833
3 Year OPP	150.00	105.00	FP9	54834
5 Year OPP	150.00	100.00	FP9	54835
384 Kbps				54840(NRC)
Month to Month	$ 150.00	$ 160.00	FP9	54836
1 Year OPP	150.00	150.00	FP9	54837
3 Year OPP	150.00	140.00	FP9	54838
5 Year OPP	150.00	130.00	FP9	54839
DS1 (1.536 Mbps)				54845(NRC)
Month to Month	$ 395.00	$ 300.00	FP9	54841
1 Year OPP	395.00	285.00	FP9	54842
3 Year OPP	395.00	265.00	FP9	54843
5 Year OPP	395.00	245.00	FP9	54844
DS3 (44 Mbps)				54850(NRC)
Month to Month	$ 395.00	$1180.00	FP9	54846
1 Year OPP	395.00	1140.00	FP9	54847
3 Year OPP	395.00	1090.00	FP9	54848
5 Year OPP	395.00	1050.00	FP9	54849
(3) Frame Relay NNI Port Only, Each *				
56/64 ** Kbps				54285(NRC)
Month to Month	$ 75.00	$ 30.00	NN7	54286
1 Year OPP	75.00	27.00	NN7	54287
3 Year OPP	75.00	23.00	NN7	54288
5 Year Opp	75.00	20.00	NN7	54289

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.
** Where conditions allow.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

		Nonrecurring Charges	Monthly Rate	USOC	IOSC
(3)	Frame Relay NNI Port Only, Each * (Cont'd)				
	128 Kbps				54290(NRC)
	Month to Month	$ 95.00	$ 45.00	NN7	54291
	1 Year OPP	95.00	40.00	NN7	54292
	3 Year OPP	95.00	35.00	NN7	54293
	5 Year OPP	95.00	30.00	NN7	54294
	256 Kbps				54290(NRC)
	Month to Month	$ 95.00	$ 65.00	NN7	54295
	1 Year OPP	95.00	60.00	NN7	54296
	3 Year OPP	95.00	55.00	NN7	54297
	5 Year OPP	95.00	50.00	NN7	54298
	384 Kbps				54290(NRC)
	Month to Month	$ 95.00	$ 78.00	NN7	54299
	1 Year OPP	95.00	75.00	NN7	54300
	3 Year OPP	95.00	72.00	NN7	54301
	5 Year OPP	95.00	69.00	NN7	54302
	DS1 (1.536 Mbps)				54303(NRC)
	Month to Month	$295.00	$180.00	NN7	54304
	1 Year OPP	295.00	170.00	NN7	54305
	3 Year OPP	295.00	160.00	NN7	54306
	5 Year OPP	295.00	150.00	NN7	54307
	DS3 (44 Mbps)				54308(NRC)
	Month to Month	$595.00	$800.00	NN7	54309
	1 Year OPP	595.00	750.00	NN7	54310
	3 Year OPP	595.00	725.00	NN7	54311
	5 Year OPP	595.00	700.00	NN7	54312
(4)	250 Kbps - Burst (Be)	--	$ 2.00	BTZAX	54313
(5)	1 Mbps - Burst (Be)	--	$ 5.00	BTZBX	54314
(6)	Subsequent Ordering Charge (CIR, Be)	$ 20.00	--	NRBFT	54315

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	USOC	IOSC
(7) Frame Relay Permanent Virtual Circuit CIR Capacity, Each Based on CIR Requested				
1 - 32 Kbps CIR	--	$ 8.00	CORUK	54200
Express PVC-1	--	10.00	CORUK	54221
Express PVC-2	--	8.80	CORUK	54242
33 - 64 Kbps CIR	--	15.00	CORUL	54201
Express PVC-1	--	18.75	CORUL	54222
Express PVC-2	--	16.50	CORUL	54243
65 - 96 Kbps CIR	--	22.00	CORUM	54202
Express PVC-1	--	27.50	CORUM	54223
Express PVC-2	--	24.20	CORUM	54244
97 - 128 Kbps CIR	--	27.00	CORUN	54203
Express PVC-1	--	33.75	CORUN	54224
Express PVC-2	--	29.70	CORUN	54245
129 - 192 Kbps CIR	--	36.00	CORUO	54204
Express PVC-1	--	45.00	CORUO	54225
Express PVC-2	--	39.60	CORUO	54246
193 - 256 Kbps CIR	--	42.00	CORUP	54205
Express PVC-1	--	52.50	CORUP	54226
Express PVC-2	--	46.20	COURP	54247
257 - 320 Kbps CIR	--	48.00	CORUQ	54206
Express PVC-1	--	60.00	CORUQ	54227
Express PVC-2	--	52.80	CORUQ	54248
321 - 384 Kbps CIR	--	54.00	CORUR	54207
Express PVC-1	--	67.50	CORUR	54228
Express PVC-2	--	59.40	CORUR	54249
385 - 512 Kbps CIR	--	60.00	CORUS	54208
Express PVC-1	--	75.00	CORUS	54229
Express PVC-2	--	66.00	CORUS	54250
513 - 768 Kbps CIR	--	70.00	CORUT	54220
Express PVC-1	--	87.50	CORUT	54230
Express PVC-2	--	77.00	CORUT	54251
769 - 1152 Kbps CIR	--	80.00	CORUU	54209
Express PVC-1	--	100.00	CORUU	54231
Express PVC-2	--	88.00	CORUU	54252
1153 - 1536 Kbps CIR	--	90.00	CORUV	54210
Express PVC-1	--	112.50	CORUV	54232
Express PVC-2	--	99.00	CORUV	54253

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	USOC	IOSC
(7) Frame Relay Permanent Virtual Circuit CIR Capacity, Each Based on CIR Requested (Cont'd)				
1537 - 4000 Kbps CIR	--	$120.00	CORUA	54211
Express PVC-1	--	150.00	CORUA	54233
Express PVC-2	--	132.00	CORUA	54254
4001 - 10000 Kbps CIR	--	250.00	CORUB	54212
Express PVC-1	--	312.50	CORUB	54234
Express PVC-2	--	275.00	CORUB	54255
10001 - 15000 Kbps CIR	--	330.00	CORUC	54213
Express PVC-1	--	412.00	CORUC	54235
Express PVC-2	--	363.00	CORUC	54256
15001 - 20000 Kbps CIR	--	410.00	CORUD	54214
Express PVC-1	--	512.50	CORUD	54236
Express PVC-2	--	451.00	CORUD	54257
20001 - 25000 Kbps CIR	--	490.00	CORUE	54215
Express PVC-1	--	612.50	CORUE	54237
Express PVC-2	--	539.00	CORUE	54258
25001 - 30000 Kbps CIR	--	570.00	CORUF	54216
Express PVC-1	--	712.50	CORUF	54238
Express PVC-2	--	627.00	CORUF	54259
30001 - 35000 Kbps CIR	--	650.00	CORUG	54217
Express PVC-1	--	812.50	CORUG	54239
Express PVC-2	--	715.00	CORUG	54260
35001 - 40000 Kbps CIR	--	730.00	CORUH	54218
Express PVC-1	--	912.50	CORUH	54240
Express PVC-2	--	803.00	COURH	54261
40001 - 45000 Kbps CIR	--	800.00	CORUJ	54219
Express PVC-1	--	1000.00	CORUJ	54241
Express PVC-2	--	880.00	CORUJ	54262

15. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

15.2 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	USOC	IOSC
(8) Public NNI, Based on CIR				
				54263(NRC)
1 - 32 Kbps	$20.00	$20.00	N/A	54264
33 - 64 Kbps	20.00	25.00	N/A	54265
65 - 96 Kbps	20.00	30.00	N/A	54266
97 - 128 Kbps	20.00	35.00	N/A	54267
129 - 192 Kbps	20.00	40.00	N/A	54268
193 - 256 Kbps	20.00	50.00	N/A	54269
257 - 320 Kbps	20.00	55.00	N/A	54270
321 - 384 Kbps	20.00	60.00	N/A	54271
385 - 512 Kbps	20.00	70.00	N/A	54272
513 - 768 Kbps	20.00	80.00	N/A	54273
769 - 1,152 Kbps	20.00	90.00	N/A	54274
1,153 - 1,536 Kbps	20.00	105.00	N/A	54275
1,537 - 4,000 Kbps	20.00	135.00	N/A	54276
4,001 - 10,000 Kbps	20.00	290.00	N/A	54277
10,001 - 15,000 Kbps	20.00	410.00	N/A	54278
15.001 - 20,000 Kbps	20.00	510.00	N/A	54279
20,001 - 25,000 Kbps	20.00	610.00	N/A	54280
25,001 - 30,000 Kbps	20.00	700.00	N/A	54281
30,001 - 35,000 Kbps	20.00	775.00	N/A	54282
35,001 - 40,000 Kbps	20.00	875.00	N/A	54283
40,001 - 45,000 Kbps	20.00	975.00	N/A	54284