WINDSTREAM ILEC

INTERSTATE

BUSINESS DATA SERVICES

GUIDEBOOK

Effective: September 1, 2026

4001 Rodney Parham Rd.
Little Rock, Arkansas 72212

PARTICIPATING CARRIERS Title 1

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EXPLANATION OF SYMBOLS

C - to signify changed language or rate.
D - to signify deleted language or rate
N - to signify new language or rate.

EXPLANATION OF ABBREVIATIONS

ADM	-	Add/Drop Multiplexing
ADSL	-	Asymmetric Digital Subscriber Line
AIN	-	Advanced Intelligent Network
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
BNA	-	Billing Name and Address
BHMC	-	Busy Hour Minutes of Capacity
CCC	-	Clear Channel Capability
CCS	-	Common Channel Signaling
CDP	-	Customer Designated Premises
CI	-	Channel Interface
CNP	-	Charge Number Parameter
CO	-	Central Office
Cont'd	-	Continued
CPE	-	Customer Provided Equipment
CSP	-	Carrier Selection Parameter
dB	-	decibel
dBrnC	-	Decibel Reference Noise C-Message Weighting
dBrnCO	-	Decibel Reference Noise C-Message Weighted 0
dc	-	direct current
DSL	-	Digital Subscriber Line
EDD	-	Envelope Delay Distortion
EML	-	Expected Measured Loss
EPL	-	Echo Path Loss
ERL	-	Echo Return Loss
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
f	-	frequency
F.C.C.	-	Federal Communications Commission
HC	-	High Capacity
Hz	-	Hertz
IC	-	Interexchange Carrier
ICB	-	Individual Case Basis
ICL	-	Inserted Connection Loss
ITP	-	Interstate Telecommunications Service Provider
kbps	-	kilobits per second
Khz	-	kilohertz
LATA	-	Local Access and Transport Area
LNP	-	Local Number Portability
LRN	-	Location Number Routing
ma	-	milliamperes
Mbps	-	Megabits per second
mcs	-	Microsecond
MF	-	Multifrequency Address
Mhz	-	Megahertz
MRC	-	Monthly Recurring Charge
NPA	-	Numbering Plan Area
NRC	-	Nonrecurring Charge
NXX	-	Three-Digit Central Office Prefix
OC	-	Optical Carrier
OLT	-	Optical Line Termination)
POT	-	Point of Termination

EXPLANATION OF ABBREVIATIONS (Cont'd)

PSTN	-	Public Switched Telephone Network
SAC	-	Service Access Code
SNAL	-	Signaling Network Access Line
SONET	-	Synchronous Optical Network
SP	-	Signalling Point
SPOI	-	Signalling Point of Interface
SRL	-	Singing Return Loss
SSP	-	Service Switching Point
SS7	-	Signalling System 7
STP	-	Signalling Transfer Point
STS	-	Synchronous Transport Signal
SWC	-	Serving Wire Center
TDM	-	Time Division Multiplexing
TLP	-	Transmission Level Point
V & H	-	Vertical & Horizontal
WATS	-	Wide Area Telecommunications Service(s)
WSO	-	WATS Serving Office

1. Application of Guidebook

1.1 This guidebook contains regulations, rates and charges applicable to the provision of Special Access services, hereinafter referred to collectively as service(s). These services are provided to customers by the Participating Carriers of this guidebook, hereinafter the Telephone Company. This guidebook also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer.

1.2 The provision of such services by the Telephone Company as set forth in this guidebook does not constitute a joint undertaking with the customer

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2. General Regulations

2.1 Undertaking of the Telephone Company

2.1.1 Scope

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

(B) The Telephone Company will, for maintenance purposes, test its service only to the extent necessary to detect and/or clear troubles.

(C) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this guidebook.

(D) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this guidebook.

2.1.2 Limitations

(A) Assignment or Transfer of Services

The customer may assign or transfer the use of services provided under this guidebook only where there is no interruption of use or relocation of the services. 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 services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

(A) Assignment or Transfer of Services (Cont'd)

(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 services, if any.

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

The assignment or transfer of services 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) Use and Restoration of Services

The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A, of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.

(C) Sequence of Provisioning

Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come, first-served basis.

The first-come, first-served sequence shall be based upon the received time and date recorded, by stamp or other notation, by the Telephone Company on customer access orders. These orders must contain all the information as required for each respective service as delineated in other sections of this guidebook. Customer orders shall not be deemed to have been received until such information is provided. Should questions arise which preclude order issuance due to missing information or the need for clarification, the Telephone Company will attempt to seek such missing information or clarification on a verbal basis.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability

(A) Limits of Liability

The Telephone Company's liability, if any, for its willful misconduct is not limited by this guidebook. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (G) following, the Telephone Company's liability if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this guidebook as a Credit Allowance for a Service Interruption.

(B) Acts or Omissions

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) Damages to Customer Premises

The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

(D) Indemnification of Telephone Company

(1) By the End User

The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this guidebook, involving:

a) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(D) Indemnification of Telephone Company (Cont'd)

(1) By the End User (Cont'd)

(b) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end users or customer or;

(c) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this guidebook.

(2) By the Customer

The Telephone Company shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the customer's use of services offered under this guidebook, involving:

(a) Claims for libel, slander invasion of privacy, or infringement of copyright arising from the customer's own communications;

(b) Claims for patent infringement arising from the customer's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or customer or;

(c) All other claims arising out of any act or omission of the customer in the course of using services provided pursuant to this guidebook.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(E) Explosive Atmospheres

The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of services so provided.

(F) No License Granted

No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this guidebook. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this guidebook and will indemnify such customer for any damages awarded based solely on such claims.

(G) Circumstances Beyond the Telephone Company's Control

The Telephone Company's failure to provide or maintain services under this guidebook shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.

2.1.4 Provision of Services

The Telephone Company will provide to the customer, upon reasonable notice, services offered in other applicable sections of this guidebook at rates and charges specified therein. Services will be made available to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's telephone exchange services.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.5 Facility Terminations

The services provided under this guidebook (A) will include any entrance cable or drop wiring to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a mutually acceptable suitable location at a mutually agreeable customer-designated premises and (B) will be installed by the Telephone Company to such point of termination. Each Access Service has only one point of termination per customer premises. Any additional terminations beyond such point of termination are the sole responsibility of the customer. Moves of the point of termination at the customer's premises will be as set forth in 6.7.6 and 7.2.3 following.

For single unit premises the point of termination shall be a point within twelve inches of the protector or, where there is no protector, within twelve inches of where the telephone wire enters the customer's premises.

For multiunit premises existing as of August 13, 1990, the point of termination shall be determined in accordance with the Company's reasonable and nondiscriminatory standard operating practices. Where there are multiple points of termination within the multiunit premises, the point of termination for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.

For multiunit premises in which wiring is installed after August 13, 1990, including additions, modifications and rearrangements of wiring existing prior to that date, the point of termination shall be placed at the minimum point of entry as determined in accordance with the Company's reasonable and nondiscriminatory standard operating practices. The minimum point of entry shall be either the closest practicable point to where the wiring crosses a property line or the closest practicable point to where the wiring enters the multiunit building or buildings. If the Company did not elect to place the point of termination at the minimum point of entry, the multiunit premises owner shall determine the location of the point or points of termination. The multiunit premises owner shall determine whether there shall be a single point of termination for all customers or separate such locations for each customer, provided however, that where there are multiple points of termination within the multiunit premises, the point of termination for a customer shall not be further inside the customer's premises than a point twelve inches from where the wiring enters the customer's premises.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.6 Service Maintenance

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

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, substitute, change or rearrange any facilities used in providing service under this guidebook. Such actions may include, without limitation:

- substitution of different metallic facilities,
- substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities,
- substitution of fiber or optical facilities
- change of minimum protection criteria,
- change of operating or maintenance characteristics of facilities, or
- change of operations or procedures of the Telephone Company.

In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 15. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service

(A) If a customer fails to comply with 2.1.6 preceding (Service Maintenance) or 2.3.1, 2.3.4, 2.3.6, 2.4.1 or 2.5 following (respectively, Damages, Availability for Testing, Balance, Payment Arrangements, Connections) including any customers failure to make payments on the date and times therein specified, the Telephone Company may, on twenty (20) days written notice to the customer by Certified U.S. Mail or electronic mail (email) without undeliverable message from email address provided by the customer, take the following actions:

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

In the case of discontinuance all applicable charges, including termination charges, shall become due.

(B) If a customer fails to comply with 2.2.2 following (Unlawful and Abusive Use), the Telephone Company may, upon written request from a customer, or another exchange carrier, terminate service to any subscriber or customer identified as having utilized service provided under this guidebook in the completion of abusive or unlawful telephone calls. Service shall be terminated by the Telephone Company as provided for in its general and/or local exchange service guidebooks.

In such instances when termination occurs the Telephone Company shall be indemnified, defended and held harmless by any customer or Exchange Carrier requesting termination of service against any claim, loss or damage arising from the Telephone Company's actions in terminating such service, unless caused by the Telephone Company's negligence.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(C) Except as provided for equipment or systems subject to the FCC Part 68 Rules in 47 C.F.R. Section 68.108, if the customer fails to comply with 2.2.1 following (Interference or Impairment), the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, the Telephone Company may temporarily discontinue service forthwith if such action is reasonable in the circumstances. In case of such temporary discontinuance, the customer will be notified promptly and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in 2.4.4 following is not applicable.

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

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(E) If the Telephone Company does not refuse additional applications for service and/or does not discontinue the provision of the services as specified for herein, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service and/or to discontinue the provision of the services to the non-complying customer without further notice.

(F) If the National Exchange Carrier Association, Inc., notifies the Telephone Company that the Customer has failed to comply with Lifeline Assistance and Universal Service Fund provisions contained in NECA FCC No. 5, Section 8, including any Customer's failure to make payments on the date and times specified therein, the Telephone Company may, on thirty days' written notice to the Customer by Certified U.S. Mail or electronic mail (email) without undeliverable

message from email address provided by the customer, take any of the following actions:

- refuse additional applications for service
- refuse to complete any pending orders for service.
- discontinue the provision of service to the Customer.

In the case of discontinuance, all applicable charges including termination charges shall become due.

2.1.9 Notification of SERVICE-Affecting Activities

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in the normal operation of its business. Such activities may include, but are not limited to the following:

- equipment or facilities additions,
- removals or rearrangements,
- routine preventative maintenance, and
- major switching machine change-out.

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

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.10 Coordination with Respect to Network Contingencies

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

2.1.11 Provision and Ownership of Telephone Numbers

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

2.1.12 Preemption of Service

In certain instances, i.e., no spare services are available, it may be necessary to preempt existing services to provision or restore 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 NSEP TSP Service.

(B) The services preempted have a lower or no assigned TSP priority.

(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)

2.2 Use

2.2.1 Interference or Impairment

The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this guidebook shall not:

- interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services,

- cause damage to their plant,

- impair the privacy of any communications carried over their facilities, or

- create hazards to the employees of any of them or the public.

2.2.2 Unlawful and Abusive Use

The service provided under this guidebook shall not be used for
an unlawful purpose or used in an abusive manner.

Abusive use includes:

(1) The use of the service of the Telephone Company for a call or calls, anonymous or otherwise, in a manner reasonably expected to frighten, abuse, torment, or harass another;

(2) The use of the service in such a manner as to interfere unreasonably with the use of the service by one or more other customers.

4001 Rodney Parham Rd.
Little Rock, AR 72212

2. General Regulations (Cont'd)

2.3 Obligations of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this guidebook caused by the negligence or willful act of the customer or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Ownership of Facilities and Theft

Facilities utilized by the Telephone Company to provide service under the provisions of this guidebook shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period. The equipment shall be returned in as good condition as reasonable wear will permit.

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this guidebook at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company facilities used to provide services.

Space and power for service involving Expanded Interconnection shall be governed by the terms and conditions relating specifically to Expanded Interconnection. See Section 8.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.4 Availability for Testing

Access to facilities used to provide services under this guidebook shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. As set forth in 2.4.4(C)(4) following, (Credit Allowances for Service Interruptions) no credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.5 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

2.3.6 Balance

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

2.3.7 Design of Customer Services

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

2.3.8 References to the Telephone Company

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

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 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 services provided under this guidebook, any circuit, apparatus, system or method provided by the customer.

(B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses and damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this guidebook including, without limitation, Worker's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this guidebook; 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 tortious conduct of the customer, its officers, agents or employees.

(C) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act of omission of the customer in the course of using services provided under this guidebook.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 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.

2.3.11 Jurisdictional Report and Certification Requirements

(A) Certification Requirements - Special Access, Digital Subscriber Line Access, and Public Packet Data Network Services

When the customer orders Special Access Service or Public Packet Data Network Service and the customer certifies to the Telephone Company in writing that more than ten percent of the traffic is interstate, the service is considered to be interstate and is provided under this Guidebook.

Following initial certification, should the jurisdictional nature of the customer's Special Access or Public Packet Data Network Services change, the customer should inform the Telephone Company in writing of the change. The effective date of the change will be the date the Telephone Company receives the customer's notice of change. No charge applies for the jurisdictional change.

(B) Disputes Involving Jurisdictional Certification – Special Access

If a dispute arises concerning the certification of projected interstate traffic as described in (A) above, the Telephone Company will ask the customer to provide the data the customer used to determine that more than 10% of the traffic is interstate. The customer shall supply the data within thirty (30) days of the Telephone Company request. If the reply results in a jurisdictional change of a Special Access Service, the effective date of the change will be the date the Telephone Company receives the customer's reply. There is no charge when the customer's reply results in a jurisdictional change in the Special Access Service. No changes will be made to existing interstate percentages until the requested detail has been provided to warrant such change.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.12 Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service

When mixed interstate and intrastate Switched Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. The percentage determined as set forth in 2.3.11 preceding will serve as the basis for prorating the charges unless the Telephone Company is billing according to actuals by jurisdiction. The percentage of an Access Service to be charged as interstate is applied in the following manner:

(A) Monthly and Nonrecurring Charges

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

(B) Usage Sensitive Charges

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

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Rates, Charges and Deposits

(A) Deposits

The Telephone Company will only 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 a service to the customer. No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company. Such deposit will not exceed the actual or estimated rates and charges for the service 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 service 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.

Such a deposit will be refunded or credited to the account when the customer has established credit or, in any event, after the customer has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the customer. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth in (C)(2)(a) or in (C)(2)(b) following, whichever is lower.

The rate will be compounded daily for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credited to the customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(B) Bill Dates

The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this guidebook attributable to services established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period. The bill day (i.e., the billing date of a bill for a customer for Access Service under this guidebook), the period of service each bill covers and the payment date will be as follows:

The Telephone Company will establish a bill day each month for each customer account or advise the customer in writing of an alternate billing schedule. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12 month period.

The bill will cover service charges for the ensuing billing period for which the bill is rendered and any known unbilled charges for prior periods. Any known unbilled adjustments will be applied to this bill. Payment for such bills is due in immediately available funds by the payment date, as set forth in (C) following. If payment is not received by the payment date, a late payment penalty will apply as set forth in (C) following.

(C) Payment Dates and Late Payment Penalties

(1) All bills dated as set forth in (B) preceding for service provided to the customer by the Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein, and are payable in immediately available funds.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(C) Payment Dates and Late Payment Penalties (Cont'd)

All bills dated as set forth in (2) preceding for service provided to the customer by the Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein, and are payable in immediately available funds. If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Martin Luther King, Jr. 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 on the first non-Holiday weekday following such Saturday, Sunday or Holiday.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(C) Payment Dates and Late Payment Penalties (Cont'd)

(2) Further, if no payment is received by the payment date or if a payment or any portion of a payment is received by the Telephone Company after the payment date as set forth in (1) preceding, or if a payment or any portion of a payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the payment or the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:

(a) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or

(b) 0.000292 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.

(D) Valid Billing Dispute

A Valid Billing Dispute consists of written documentation specifically listing the total dollar amount of the dispute, specific rate elements being disputed and their dollar amounts as well as identifying one of seven reasons below for the dispute, along with specific supporting detail.

If customer is withholding payment for the bill or any portion of the bill a Valid Billing Dispute must be received by the payment date or the bill will be handled as a non-payment in accordance with Section 2.1.8 and 2.4.1 (C) above. If customer pays the bill by the payment date and subsequently submits a Valid Billing Dispute no late payment penalties will be incurred.

1. Incorrect Rate
2. Error in quantity
3. Service no longer exists
4. Invalid factors
5. Incorrect customer being billed
6. Invalid Purchase Order Number (PON)
7. Improper Backbilling

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(D) Valid Billing Disputes (Cont'd)

Any dispute submitted by customer that does not identify one of the seven preceding reasons along with specific supporting detail is an invalid billing dispute. Invalid billing disputes will be rejected as such without investigation by the Telephone Company. The date of the Valid Billing Dispute shall be the day the Telephone Company receives written documentation as described above.

Valid Billing Disputes must be received by the Telephone Company within 120 days of the bill date for each invoice. If a Valid Billing Dispute is not received by the Telephone Company within 120 days of the invoice bill date customer waives all rights to dispute that invoice. A Valid Billing Dispute is required for each disputed invoice.

The date of resolution shall be the day the Telephone Company provides notification that it has completed its investigation and provides written notice to the customer regarding the disposition of the claim, i.e., resolved in favor of the customer or dispute denied by the Telephone Company, and credits the customer's account, if applicable. In the event customer has paid the entire bill prior to decision of the dispute in favor of the customer the Telephone Company will apply interest and credit for the amount of the overpayment to the customer's account.

Refusal to pay an entire invoice or any portion thereof without a valid billing dispute against that particular invoice will be handled as a non-payment in accordance with section 2.4.1 (C) above. These provisions do not negate the customers right in any way to file a complaint with the F.C.C., pursuant to Section 208 of the Communications Act of 1934 as amended.

(E) Billing Disputes Denied by the Telephone Company

Refusal to pay a dispute denied by the Telephone Company will be handled as a non-payment in accordance with Section 2.4.1 (C) above. Late payment charges will apply to amounts withheld pending settlement of the dispute. Late payment charges are calculated as set forth in (C)(2) preceding except that when the customer disputes the bill on or before the payment date and pays the undisputed amount on or before the payment date, the penalty interest period shall not begin until 10 days following the payment date.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(F) Billing Disputes Resolved in Favor of the Customer

If the customer pays the total billed amount and disputes all or part of the amount, the Telephone Company will refund any overpayment. In addition, the Telephone Company will pay to the customer penalty interest on the overpayment. When a claim is filed within 90 days of the due date, the penalty interest period shall begin on the payment date. When a claim is filed more than 90 days after the due date, the penalty interest period shall begin from the date of the claim or the date of overpayment, whichever is later.

The penalty interest period shall end on the date that the Telephone Company actually refunds the overpayment to the customer. The penalty interest rate shall be the lesser of:

(1) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or

(2) 0.000292 per day, compounded daily for the number of days from the first date to and including the last date of the period involved.

(G) Rounding of Charges

When a rate as set forth in this guidebook is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(H) Taxes, Fees and Surcharges

There shall be added to the customer's bills, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, or other similar fee or tax or cost of a tax now or hereafter imposed upon the Telephone Company's interstate revenues by a taxing jurisdiction, and which fee or tax is based upon a percentage of the interstate receipts of the Telephone Company. Where more than one such fee or tax is imposed, each of the charges or taxes applicable to a customer shall be added to the customer's bill as separately identified items. Such taxes or fees will not be applied to the Federal Universal Service Fee or Lifeline services. The taxing jurisdiction and applicable factors are as follows:

Jurisdiction	Tax Factors
Kentucky (Gross Revenues Tax Surcharge)	1.31%

2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except for the following, or as otherwise specified in the guidebook:

- Special Access Part-time Video
- Special Access Program Audio
- Special Access High Capacity Service
- Special Access Synchronous Optical Channel Service

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in Section 12 following, is one month unless a different minimum period is established with the individual case filing.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.2 Minimum Periods (Cont'd)

(A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.

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

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an order for service are set forth in other applicable sections of this guidebook.

2.4.4 Credit Allowance for Service Interruptions

(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this guidebook or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.2.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

(B) When a Credit Allowance Applies

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

For the following services, any period during which the error performance is below that specified for the service will be considered as an interruption:
- Digital Data (DA1 through DA6)
- High Capacity (HC1)
- Synchronous Optical Channel service (OB, OD)

Service interruptions for Specialized Service or Arrangements provided under Section 12 following shall be administered in the same manner as those set forth in this section (2.4.4) unless other regulations are specified with the individual case filing.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

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

Credit allowances are computed as follows:

(1) Special Access Service Other than Program Audio and Video

For Special Access Services other than Program Audio and Video Services, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or Major Fraction Thereof that the interruption continues.

The monthly charges used to determine the credit shall be as follows:

(a) Two-point Services

For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (e.g., two channel terminations, channel mileage and optional features and functions).

(b) Multipoint Services

For multipoint services, the monthly charge shall be only the total of all the monthly rate element charges associated with that portion of the service that is inoperative (e.g., a channel termination per customer designated premises, channel mileage and optional features and functions).

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

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

(1) Special Access Service other than Program Audio and Video (Cont'd)

(c) Multiplexed Services

For multiplexed services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service to the hub and any individual services from the hub. For Special Access, those charges include Channel Termination, Channel Mileage, and Optional Features and functions. For switched Access, those Charges include Entrance Facility, Direct Trunked Transport, Multiplexing and optional features and functions such as Add/Drop Multiplexing, Customer Node, and Customer Premises Port.

When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the hub to a customer premises (i.e., channel termination, channel mileage, Direct Trunked Transport, and optional features and functions).

(2) Credit Allowances Cannot Exceed Monthly Rate

The credit allowance(s) for an interruption or for a series of interruptions shall not exceed any monthly rate for the service interrupted in any one monthly billing period.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

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

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

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

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

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

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

(5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.

(6) Periods when the customer elects not to release the service 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.

(D) 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 service is interrupted, the customer must pay the guidebook rates and charges for the alternative service used.

(E) Temporary Surrender of a Service

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(A) Nonrecurring Charges Do Not Apply

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

(1) The service is of the same type as was provided prior to the fire, flood or other occurrence.

(2) The service is for the same customer.

(3) The service is at the same location on the same premises.

(4) The re-establishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period).

(B) Nonrecurring Charges Apply

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

2.4.6 Title or Ownership Rights

The payment of rates and charges by customers for the services offered under the provisions of this guidebook does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company

When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will use the Multiple Bill Options for Meet Point Billing. The customer will place the order for the service as set forth in 5.3 following.

(A) Meet Point Billing

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for Special Access Service.

Each Telephone Company jointly providing the access service will receive an order or a copy of the order from the customer as specified in 5.3.1 following and arrange to provide the service. A multiple bill arrangement will be used for all meet-point services provided under this guidebook.

The Telephone Company will render the bill in accordance with the industry standards as described in the Multiple Exchange Carrier Access Billing (MECAB) Guidelines and the Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines. The bill will include cross reference(s) to the other telephone Company(s) providing service and common circuit identifiers.

(2) Multiple Bill Option

Under the Multiple Bill Option each company providing the access service will render an access bill to the customer for its portion of the service based on its special access rates and regulations.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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

(3) Determination of Meet Point Billed Local Transport and Channel Mileage Charges

Each Telephone Company's portion of the Local Transport and Channel mileage will be developed as follows:

(a) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (serving wire centers) using the V&H method set forth in 7.2.5 following.

(b) Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, which represents the portion of the service provided by each Telephone Company.

(c) For Special Access, multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Channel Mileage Facility rate and add the Channel Mileage Termination rate.

The Special Access Channel Mileage Termination rate and nonrecurring charges are applied as set forth in 7.2.1(B)(2) and 7.2.2(C) following. (Note: The BP is not applied to either the Channel Mileage Termination Recurring Rate or any Nonrecurring Charge.)

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

2. General Regulations (Cont'd)

2.5 Connections

2.5.1 General

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

2. General Regulations (Cont'd)

2.6 Definitions

Certain terms used herein are defined as follows:

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer designated premises.

Add/Drop Multiplexing

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

Advanced Intelligent Network (AIN)

The term "Advanced Intelligent Network (AIN)" denotes a telecommunications network architecture that uses databases to facilitate call processing, call routing, and network management, allowing carriers to change the routing of both inbound and outbound calls from moment to moment.

Attenuation Distortion

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

Authorized Billing Agent

The term "Authorized Billing Agent" denotes the third party hired by a telecommunications service provider to perform billing and collection services for the telecommunications service provider.

Bit

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

Billing Name and Address

The term "Billing Name and Address" denotes the name and address provided to a local exchange company by each of its local exchange customers to which the local exchange company directs bills for its services.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine such hours for an individual company, or company location, that company should be contacted at the address shown below.

Busy Hour Minutes of Capacity (BHMC)

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 during any hour in an 8:00 a.m. to 11:00 p.m. period for the Feature Group Service ordered. This customer specified BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group Service ordered.

Carrier Identification Code (CIC)

The term "Carrier Identification Code (CIC)" denotes the caller's interexchange carrier to which the traffic should be directed.

Carrier or Common Carrier

See Interexchange Carrier.

Central Office

See End Office.

Central Office Maintenance Technician

The term "Central Office Maintenance Technician" denotes a Telephone Company employee who performs installation and/or repair work, including testing and trouble isolation, within the Telephone Company Central Office.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to a customer's Telephone Exchange Service when dialed on a local basis.

Channel(s)

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

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

Channelize

The term "Channelize" denotes the process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower band-width or lower speed channels.

Clear Channel Capability

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

Collocation Space

The term "Collocation Space" describes the area in a Telephone Company serving wire center set aside for the exclusive use of an Interconnector purchasing Expanded Interconnection. This space may be enclosed by a wall or cage. Only multiplexing or transmission equipment shall be placed in this space. See Multiplexing Node.

Communications System

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

Cross-connect

The term "Cross-connect" denotes the connection between the Interconnector's multiplexing node and other access services of the Telephone Company.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Customer(s)

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 guidebook, including but not limited to Interexchange Carriers (ICs), End Users and other telecommunications carriers or providers originating or terminating toll VoIP-PSTN traffic.

Customer Node

The Term "Customer Node" denotes the equipment located at a customer designated premises that terminates a high speed optical channel.

Customer Designated Premises

The term "Customer Designated Premises" denotes the premises specified by the customer for the provision of Access Service. Additionally, Telephone Company Centrex CO and CO-like switches and packet switches included in Public Packet Switching Network (PPSN) Service are considered to be a customer designated premises for purposes of this guidebook.

Customer of Record

The term "Customer of Record" denotes the entity who is ultimately responsible for all aspects of the service.

Data Transmission (107 Type) Test Line

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

Density Pricing Zone

The term "Density Pricing Zone" denotes the group of serving wire centers to which a serving wire center has been assigned for traffic density-related pricing of specific access services. Serving wire centers are assigned to a zone based upon traffic density. The rate for a specific service may differ between zones.

Detail Billing

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

End Office

The term "End Office" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks. This term includes

Remote Switching Modules/Systems served by a Host Central Office in a different wire center.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

End User

The term "End User" means any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications service 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.

Exchange

The term "Exchange" denotes a unit generally smaller than a local access and transport area, 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. The exchange includes any Extended Area Service area that is an enlargement of a Telephone Company's exchange area to include nearby exchanges. One or more

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company at which switching occurs on the terminating path of a call proceeding from the customer designated premises to the terminating end office and, at the same time, the last Telephone Company at which switching occurs on the originating path of a call proceeding from the originating end office to the customer designated premises.

2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Frame

The term "Frame" denotes a group of data bits in a specific format, which enables network equipment to recognize the meaning and purpose of the specific bits.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

Host Central Office

The term "Host Central Office" denotes an electronic local Telephone Company End Office where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks. Additionally, this type of End Office contains the central call processing functions which service itself and its Remote Switching Modules/Systems.

Hub

A wire center at which bridging or multiplexing functions performed for customers served out of any wire center.

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 include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Individual Case Basis

The term "Individual Case Basis" denotes a condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this guidebook are developed based on the circumstances in each case.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

Installation and Repair Technician

The term "Installation and Repair Technician" denotes a Telephone Company employee who performs installation and/or repair work, including testing and trouble isolation, outside of the Telephone Company Central Office and generally at the customer designated premises.

Interconnector

The term "Interconnector" denotes any customer of the Telephone Company who purchases Expanded Interconnection Service (EIS) and provides fiber optic or microwave facilities through a Telephone Company interconnection point for connection to Interconnector owned or leased equipment located in the Telephone Company's Serving wire center.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Interconnector's Facilities

The term "Interconnector's Facilities" denotes the telecommunications fiber optic cables, equipment and microwave equipment owned or leased by the Interconnector, whether installed by the Telephone Company or the Interconnector, for the sole use of the Interconnector in connection with equipment installed within its multiplexing node.

Interexchange Carrier (IC) or Interexchange Common Carrier

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

Intermediate Hub

The term "Intermediate Hub" denotes a wire center at which bridging or multiplexing functions are performed only for customers served by that wire center and wire centers that subtend the hub, as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) 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.

Interstate Telecommunications Service Provider

The term "Interstate Telecommunications Service Provider" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges and includes Interexchange Carriers, Operator Service Providers, Enhanced Service Providers and any other provider of interstate telecommunications service.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Legal Holiday

The term "Legal Holiday" denotes days other than Saturday or Sunday for which the Telephone Company is normally closed. These include New Year's Day, Independence Day, Thanksgiving Day, Christmas Day and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed and other locally observed holidays when the Telephone Company is closed.

Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Local Area Network

The term "Local Area Network" denotes a network permitting the interconnection and intercommunication of a group of computers.

Local Number Portability (LNP)

The term "Local Number Portability (LNP)" denotes the ability of an end user of local exchange telecommunications service to retain an existing telephone number without impairment of quality, reliability, or convenience when switching from one local exchange telecommunications carrier to another.

Location Routing Number (LRN)

The term "Location Routing Number (LRN)" denotes a unique NPA-NXX-XXXX that serves as a routing number associated with a central office switch that has subscribers that have transferred their telephone numbers from one local exchange telecommunications carrier to another.

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

Loop Around Test Line

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

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Manhole

The term "Manhole" denotes an underground enclosure where conduit(s) are terminated and which provides ready access to conduit system.

Major Fraction Thereof

The term "Major Fraction Thereof" denotes any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty eight hours.

Media Stimulated Mass Calling Events

The term "Media Stimulated Mass Calling Events" denotes the use of Switched Access Service for calls to 800, 900, etc. telephone numbers in response to television and radio advertising for which a substantial call volume is anticipated during a short period of time. Media stimulated mass calling is highly peaked and often used in conjunction with call counting services for public opinion polls, marketing surveys, etc.

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 customers's premises from the Telephone Company end office.

Multifrequency (MF) Address Signaling

The term "Multifrequency (MF) Address Signaling" denotes a signaling method in which a combination of two out of six voiceband frequencies are used to represent a digit or a control signal.

Multiple Company Interconnection Point

The term "Multiple Company Interconnection Point" denotes a point in the Telephone Company's territory where its facilities meet and connect with the facilities of another telephone company. This point is used in determining the Billing Percentages for access service.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Multiplexing Node

The term "Multiplexing Node" denotes the area in a Telephone Company serving wire center set aside for the exclusive use of an Interconnector purchasing Physical Collocation Expanded Interconnection Service. This space may be enclosed by a wall or cage. The sole purpose of this multiplexing node is to allow the Interconnector to install, maintain, and operate only basic multiplexing or transmission equipment owned or leased by the Interconnector. The Telephone Company shall permit the Interconnector to connect fiber optic or microwave (where feasible) facilities to such Interconnector owned equipment within the multiplexing node. The size and dimensions of the multiplexing node shall be designated by the Telephone Company, as conditions permit. A good faith effort shall be made to accommodate specific requirements of the Interconnector.

N-1 Carrier

The term "N-1 Carrier" denotes the telecommunications carrier, prior to the terminating carrier, responsible for querying an LNP database to determine the routing of a call for a number portable NXX code.

Network Control Signaling

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

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 crises (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.

Network Control Signaling

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

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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 can be made more rapidly.

North American Numbering Plan

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

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 a trunk or line by means of an inductor of several Henries.

Optical Carrier Channel

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

Optical Carrier Rate (OC-N)

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

Optical Carrier Rate Concatenated

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

Optical Line Termination

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

Originating Direction

The term "Originating Direction" denotes the use of access service for the origination of calls from an End User Premises to an IC Premises.

OZZ Digits

The term "OZZ Digits" denotes the domestic call type (e.g., 1+), and thus the specific trunk group onto which a particular call should be routed.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Physical Collocation

The term "Physical Collocation" denotes the provision of an area in a Telephone Company serving wire center that is dedicated to the use of an Interconnector. Physical Collocation allows the Interconnector to install and maintain its own transmission facilities (fiber optic or microwave), and multiplexing equipment. Connection to other services of the Telephone Company is made through a cross-connect.

Point of Termination

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

POTS Splitter

The term "POTS Splitter" denotes a passive band filter that divides the frequency transmitted over a customers local exchange facility.

Premises

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

Query

The term "Query" denotes the inquiry to a data base to obtain information, processing instructions or service data.

Rate Zone

See Density Pricing Zone.

Release Message

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

Remote Switching Modules/Systems

The term "Remote Switching Modules/Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic Host Central Office. The Remote Switching Modules/Systems cannot accommodate direct trunks to an IC.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

Registered Equipment

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

Service Access Code

The term "Service Access Code" denotes a 3 digit code in the NPA format which is used as the first three digits of a 10 digit address and which is assigned for special network uses. Whereas NPA codes are normally used for identifying specific geographical areas, certain Service Access Codes have been allocated in the North American Numbering Plan to identify generic services or to provide access capability. Examples of Service Access Codes include the 500, 700 and 900 codes.

Service Switching Point (SSP)

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Serving Wire Center

The term "Serving Wire Center" means the telephone company central office designated by the telephone company to serve the geographic area in which the interexchange carrier or other access customer's point of demarcation is located.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the Customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shortage of Facilities or Equipment

The term "Shortage of Facilities or Equipment" denotes a condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Short Circuit Test Line

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

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Signaling Point (SP)

The term "Signaling Point (SP)" denotes a switch in the CCS network that is capable of originating and terminating SS7 trunk signaling messages.

Signaling Point of Interface (SPOI)

The term "Signaling Point of Interface (SPOI)" denotes the customer designated location where the SS7 signaling information is exchanged between the Telephone Company and the customer.

Signaling Return Loss

The term "Signaling Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where signing (instability) problems are most likely to occur.

Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" denotes the layered protocol used for standardized common channel signaling in the United States and Puerto Rico.

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.

Signal Transfer Point (STP) Port

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

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

Special Order

The term "Special Order" denotes an order for a Directory Assistance Service.

Study Area

The term "Study Area" denotes a geographic area within a state in which a Telephone Company operates. This geographic area normally does not cross state lines.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Super Intermediate Hub

The term "Super Intermediate Hub" denotes a wire center at which bridging or multiplexing functions are performed for Customers served by all wire centers in the LATA. A Super Intermediate Hub can be restricted to one or more designated NPAs within a LATA and/or to wire centers that are owned by the same telephone company as the hub. Super Intermediate Hubs and the wire centers they serve are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

Synchronous Optical Network (SONET)

The term "SONET" denotes a North American Standard for high speed synchronous optical channels having minimum transmission rates of 51.84 Mbps. The standard SONET optical carrier rate of 51.84 Mbps is called OC1; the equivalent electrical signal rate is called STS-1. SONET standardizes higher transmission bit rates, "OCN", as exact multiples of OC1 (NX51.84 Mbps.). For example, OC3 equals 3 X 51.84 Mbps.

Synchronous Test Line

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

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Synchronous Transport Signal (STS)

The term "Synchronous Transport Signal" denotes a 51.84 Mbps. Electrical signal used within the SONET optical carrier network. The signal consists of the information content and the overhead used by SONET. The overhead is used for controlling, framing, and maintaining the STS signal so it can be directly connected to other SONET carrier channels. STS signals are in exact multiples of 51.84 Mbps. (STS-1 is 51.84 Mbps., STS-3 is 155.52 Mbps, etc.).

Tandem-Switched Transport

The term "Tandem-Switched Transport" denotes switched access transport from the serving wire center to the end office or from the tandem to the end office that is switched at a tandem switch.

Telecommunications Service Priority (TSP) System

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

Telecommunications Service Provider

The term "Telecommunications Service Provider" denotes interexchange carriers, operator service providers, enhanced service providers, and any other providers of telecommunications services.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from an IC premises to an End User Premises.

Terminus Hub

The term "Terminus Hub" denotes a wire center at which bridging or multiplexing functions are performed only for Customers served directly by the same wire center.

Third Party Call

The term "Third Party Call" denotes a call for which the calling party requests the interexchange carrier to bill the call to the line number of the third party.

Throughput

The term "Throughput" denotes the number of data bits successfully transferred in one direction per unit of time.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise
measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Uniform Service Order Code

The term "Uniform Service Order Code" denotes a three or five character alphabetic, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

V and H Coordinates Method

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

WATS Serving Office

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

Wireless Switching Center

The term "Wireless Switching Center" (WSC) denotes a Wireless Service Provider (WSP) switching system that is used to terminate wireless stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

3. RESERVED FOR FUTURE USE

4. RESERVED FOR FUTURE USE

4001 Rodney Parham Rd.
Little Rock, AR 72212

5. Access Ordering

5.1 General

This section sets forth the regulations and order related charges for services set forth in other sections of this guidebook. Order related charges are in addition to other applicable charges for the services provided.

An Access Order is an order to provide the customer with Special Access, and Public Packet Data Network or Access Related Service or to provide changes to existing services.

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide to the Telephone Company the order information required in 5.2 following, and in addition the customer must also provide:

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

5.1.1 Service Installation

The Telephone Company will provide the Access Service in accordance with the customer's requested service date, subject to the constraints established by the Telephone Company schedule of applicable service dates.

The Telephone Company shall make available to all customers, upon request, a schedule of applicable service intervals for Special Access Services. The schedule shall specify the applicable service interval for services and the quantities of services that can be provided by a requested service date. Any associated material will be provided upon request and within a reasonable period of time.

The Telephone Company will not accept orders for service dates which exceed the applicable service date by more than six months.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 17.2.3 following.

5. Access Ordering (Cont'd)

5.1 General (Cont'd)

5.1.2 Expedited Orders

When placing an Access Order, a customer may request a service date that is prior to the applicable service date. Additionally, a customer may also request an earlier service date on a pending Access Order. In this case, an access order modification as set forth in 5.4 following would be required. If the Telephone Company determines that the service can be provided on the requested date and that additional labor cost or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. Charges will be billed at actual cost, not to exceed 10 percent over estimated charges. Such additional charges will be determined and billed to the customer as explained following.

To calculate the additional labor charges, the Telephone Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable Additional Labor charges as set forth in 17.2.3 following.

To develop, determine and bill the customer the extraordinary costs which may be involved, Special Construction terms and conditions may be required. Authorization to incur the costs and to bill the customer will be in accordance with such guidebooks.

When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as set forth in 17.2.1(B) following also applies.

5.1.3 Selection of Facilities for Access Orders

The option to request a specific transmission path or channel is provided for High Capacity Special Access Facilities, or as provided for under Special Facilities Routing as set forth in Section 11. following.

When there are High Capacity facilities to a hub on order or in service for the customer's use, the customer may request a specific channel or transmission path be used to provide the Special Access Service requested in an Access Order. The Telephone Company will make a reasonable effort to accommodate the customer request.

5.1.4 Special Construction

The regulations, rates and charges for special construction are set forth in WINDSTREAM COMMUNICATIONS TARIFF F.C.C. No. 2, WINDSTREAM COMMUNICATIONS TARIFF F.C.C. No. 5 and VALOR TELECOMMUNICATIONS ENTERPRISES LLC TARIFF F.C.C. No. 2 and are in addition to the regulations, rates and charges specified in this section.

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service

When placing an order for Special Access Service the customer must specify:

- the customer designated premises or hubs, or ADM equipped wire centers involved
- type of service (e.g., Voice Grade, High Capacity, etc.)
- the channel interface(s)
- technical specification package
- options desired
- for multipoint services, the channel interface at each customer designated premises may, at the request of the customer, be different but all such interfaces shall be compatible.
- that the traffic consists of more than ten percent interstate traffic.

All part-time Video and Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in 7.3 following the customer shall furnish written certification to that effect as set forth in 7.3.3 following.

When ordering bridging and/or multiplexing, the Customer must specify the telephone company hub(s) from which they desire service. The Customer must specify only those hubs that provide the type of service ordered and interconnect with the wire center(s) from which the customer requires service. The Wire Center section of NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies hub types and multiplexing functions (e.g., Digital Data, High Capacity Multiplexing, Add/Drop Multiplexing) as well as hub levels (i.e., Hub, Terminus Hub, Intermediate Hub and Super-Intermediate Hub). Additionally, the Subtending section of Tariff F.C.C. No. 4 identifies wire centers and the Intermediate and/or Super-Intermediate Hubs with which they interconnect.

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.3 WATS or WATS-Type Services

Special Access Service may be ordered for connection with FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the FGA, FGB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify:

- the customer designated premises at which the Special Access service terminates
- the type of line (i.e., two-wire or four-wire)
- the type of calling (i.e., originating, terminating or two-way)
- type of Supervisory Signaling.

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

5.2.4 Reserved for future use

5.2.5 Miscellaneous Services

Testing Service, Additional Labor, Telecommunications Service Priority and Special Facilities Routing shall be ordered with an Access Order or may subsequently be added to a pending order at any time up to and including the service date for the access service. When miscellaneous services are added to a pending order a service date change may be required. When a service date change is required, the service date change charge as set forth in 17.2.1(B) following will apply. When miscellaneous services are added to a pending order, charges for a design change as set forth in 17.2.1(C) following will apply when an engineering review is required. If both a service date change and an engineering review are required, both the Service Date Change Charge and the Design Change Charge will apply as set forth in 5.4.3(B) following.

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.5 Miscellaneous Services (Cont'd)

The rates and charges for these services, as set forth in Section 17. of this guidebook, will apply in addition to the ordering charges set forth in Section 17. and the rates and charges for the Access Service with which they are associated.

Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification 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 charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

5. Access Ordering (Cont'd)

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

Access Services provided by more than one Telephone Company are services where one end of the Local Transport, Directory Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Interim NXX Translation service and the end office are not provided by the same Telephone Company.

5.3.1 Meet Point Billing Ordering

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) with the other Telephone Company(s). Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Each Telephone Company will bill the customer for its portion of the service as set forth in 2.4.7. All other appropriate charges in each Telephone Company guidebook are applicable.

In addition to the service ordering provisions following, the customer must also provide a copy of the order to any other Telephone Company(s) involved in providing the service.

(A) Customers ordering Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not collocated.

(B) Except for Special Access Service as set forth in (A) above or as set forth in (C) below, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

(C) For Special Access Service involving a hub(s) the customer must place the order with the Telephone Company(s) in whose territory the hub(s) is located.

(D) For initiation, additions, changes or deletions to the Interim NXX Translation code(s), the customer must place an order with the Telephone Company who provides the Interim NXX Translation. The customer must also provide a copy of the order to the Telephone Companies subtending the Interim NXX Translation office.

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering

5.4.1 Access Order Charge

The Access Order Charge is applied to all customer requests for new Special Access Service. In addition, the Access Order Charge is applicable to customer requests for additions, changes or rearrangements to existing Special Access Service with the following exceptions:

The Access Order Charge will be applied on a per order basis to each order received by the Telephone Company or copy of an order received by the Telephone Company pursuant to preceding, and is in addition to other applicable charges as set forth in this and other sections of this guidebook.

The Access Order Charge will be applied on a per order basis for any change, rearrangement or addition to the delivery of signaling information to the customer.

The Access Order Charge does not apply:

- When a Service Date Change Charge is applicable.
- When a Design Change Charge is applicable.
- To administrative changes as set forth in 7.2.2(C)(3) following.
- When a change to a pending order does not result in the cancellation of the pending order and the issuance of a new order.
- When a Miscellaneous Service Order Charge is applicable.
- When a Telephone Company initiated network reconfiguration requires a customer's existing access service to be reconfigured.
- When a service with an ICB rate is converted to a similar service with a non-ICB guidebook rate prior to the expiration of the ICB.

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.2 Miscellaneous Service Order Charge

- A Miscellaneous Service Order Charge, as set forth in 17.2.1(D) following, applies to any service, or combination of services ordered simultaneously from Section 13 of the Guidebook for which a service order is not already pending

The Miscellaneous Service Order Charge is an administrative charge designed to compensate for the expenses associated with service order issuance.

The charge always applies to the following services since a pending service order would not exist:

- Overtime Repair (13.2.2),
- Standby Repair (13.2.3),
- Testing and Maintenance with Other Telephone Companies other than when in conjunction with Acceptance Testing (13.2.4),
- Other Labor (13.2.5),
- Maintenance of Service (13.3.2).
- Originating Line Screening (OLS) Service (13.9)

The Miscellaneous Service Order Charge will also apply to the following services if they are ordered subsequent to the initial installation of the associated access service, thereby necessitating the issuance of another service order:

- Telecommunications Service Priority (13.3.3),

The charge does not apply to the following services since there would exist a pending service order:

- Additional Engineering (13.1),
- Overtime Installation (13.2.1),
- Standby Acceptance Testing (13.2.3),
- Testing and Maintenance with Other Telephone Companies when in conjunction with Acceptance Testing (13.2.4),
- Additional Cooperative Acceptance Testing [13.3.1(A)(1) and 13.3.1(B)(1)].

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges

Access Order changes involve service date changes and design changes. The customer may request a change of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested change when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the change 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 Access Order change, the Telephone Company will schedule a new service date as set forth in 5.1.2 preceding. All charges for Access Order change as set forth in 17.2.1(B) and (C) will apply on a per occurrence basis.

Any increase in the number of Special Access Service channels will be treated as a new Access Order (for the increased amount only).

If order changes are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order change charges being incurred by the customer.

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges (Cont'd)

(A) Service Date Change

The customer may request a change of service date on a pending Access Order prior to the service date. A change of service date is a change of the scheduled service date by the customer to either an earlier date or a later date which does not exceed 30 calendar days from the original service date.

If the Telephone Company determines that the customer's request can be accommodated without delaying the service dates for orders of other customers, the service date will be changed and the Service Date Change Charge, as set forth in 17.2.1(B) following, will be applied to the order.

If the service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the earlier service date requested by the customer, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in 5.1.2 preceding apply. Such charges will apply in addition to the Service Date Change Charge.

If the requested service date exceeds 30 calendar days following the original service date, and the Telephone Company determines that the customer's request can be accommodated, the Telephone Company will cancel the original order and apply the Cancellation Charges as set forth in 5.5.3 following. A new Access Order with a new service date will be issued. The Service Date Change Charge will not apply, however, the Access Order Charge will apply to the new order.

If the service date is changed due to a design change as set forth in (B) following, the Service Date Change Charge will apply.

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges (Cont'd)

(B) Design Change

The customer may request a design change to the service ordered prior to the requested service date. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel, of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions, type of channel interface, type of Interface Group or technical specification package. Design changes do not include a change of customer designated premises or Special Access Service channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if 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 as set forth in 17.2.1(C) following will apply in addition to the charge for Additional Engineering as set forth in 17.2.2 following. If a change of service date is required, the Service Date Change Charge as set forth in 17.2.1(B) following will also apply. The Access Order Charge as specified in 17.2.1 following does not apply.

5.5 Minimum Periods and Cancellations

5.5.1 Minimum Periods

The minimum period for part-time Video and Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

The minimum period for Special Access High Capacity Service and Synchronous Optical Channel Service is as set forth in 7.2.4 following. The minimum period for Ethernet Virtual LAN Service is as set forth in 23.3 following.

The minimum period for which all other Access Service not under a Service Discount Plan is provided and for which charges are applicable, is one month.

5. Access Ordering (Cont'd)

5.5 Minimum Periods and Cancellations (Cont'd

5.5.1 Minimum Periods (Cont'd

Services under a Service Discount Plan described in 7.2.8 or following, have the following minimum periods:

- 12 Months for High Capacity 1.544 Mbps (DS1)
- 12 Months for High Capacity 44.736 Mbps (DS3)
- 12 Months for Synchronous Optical Channel 155.52 Mbps (OC3)
- 12 Months for Synchronous Optical Channel 622.08 Mbps (OC12)

5.5.2 Development of Minimum Period Charges

When Access Service is disconnected after commencement of service but prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

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

(A) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the appropriate channel type plus any optional features, nonrecurring and/or special construction charge(s) that may apply.

(B) The Minimum Period Charge for part-time Video and Program Audio Services is the applicable daily rate for the appropriate channel type as set forth in 7.2.4 following.

5.5.3 Cancellation of an Access Order

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

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

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order.

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.3 Cancellation of an Access Order (Cont'd)

(B) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

(1) Installation of Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.

(2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

(3) Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b) following, whichever is lower, shall apply.

(a) A charge equal to the costs incurred in such installation, less estimated net salvage. Such costs include the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs;

(b) The charges for minimum r Special Access Service ordered by the customer, as set forth in 5.5.2 preceding:

(C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

(D) If the Telephone Company misses a service date by more than 30 days and such delay is not requested or caused by the customer (excluding those circumstances where the date is missed due to acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.5.4 Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels will be treated as a partial cancellation and charges will be determined as set forth in 5.5.3(B) preceding.

6. RESERVED FOR FUTURE USE

7. Special Access Service

7.1 General

Special Access Service provides a transmission path to connect customer designated premises, directly, or through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office, or to connect a customer designated premises to a Public Packet Data Network Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be analog, digital or optical. Analog connections are differentiated by spectrum and bandwidth. Digital and optical connections are differentiated by bit rate.

Special Access Service purchased from the provisions of this guidebook may be commingled with unbundled network elements or unbundled network element combinations purchased pursuant to the Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking in CC Docket Nos. 01-338, 96-98 and 98-147, adopted February 20, 2003 and released August 21, 2003 (FCC 03-36).

7.1.1 Channel Types

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

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

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

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

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Following is a brief description of each type of channel available in this guidebook:

Metallic - a channel for the transmission of low speed varying signals at rates up to 30 baud.

Telegraph Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz, or from 50 to 15000 Hz.

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56 or 64 kpbs.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544, or 44.736 Mbps.

Fractional T1 (FT1) facilities are furnished for the transmission of isochronous bipolar serial data and at transmission rate groupings of N x 56 Kbps or N x 64Kbps where N equals 2, 4, or 6.

Synchronous Optical - a high speed channel for the transmission of synchronous full duplex data over optical fiber at rates of 155.52 or 622.08 Mbps.

Detailed descriptions of each of the channel types are provided in 7.4 through 7.10 following.

The customer also has the option of ordering High Capacity facilities (i.e., 1.544, or 44.736 Mbps) to Telephone Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.6 and 7.10 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are set forth in 7.2.1 following.

For example, a customer may order a 44.736 Mbps High Capacity channel from a customer designated premises to a Telephone Company hub for multiplexing to twenty-four 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different hub to Voice Grade channels or may be extended to other customer designated premises or hubs. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

Synchronous Optical Channel Service (SOCS) provides the customer with the option of ordering Add/Drop Multiplexing at a suitably equipped wire center. This allows lower level signals to be added or dropped from a high speed optical carrier channel for delivery to a customer premises. A description of Add/Drop multiplexing is set forth in 7.11.3 following.

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

	Service Designator Codes
Metallic	MT
Telegraph Grade	TG
Voice	VG
Program Audio	AP
Video	TV
Digital Data	DA
High Capacity	HC
Synchronous Optical	OC

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages are described in Section 15. following, optional features and functions are described in this section. Channel interfaces are described in 15.1 following.

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

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be advised and given the opportunity to change the order.

The channel descriptions provided in 7.4 through 7.10 following, specify the characteristics of the basic channel and indicate whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, between hubs, or between a customer designated premises and a WATS Serving Office.

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd)

(A) Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in matrices set forth in 15.1 following.

(B) Channel interfaces at each Point of Termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 15.1 following, in a combination format.

(C) Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth in (F) following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

(D) The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in matrices set forth in 15.1 following with the optional feature or function listed down the left side and the technical specifications package listed across the top.

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd)

(E) The Telephone Company will maintain services installed prior to April 1, 1985, at their existing transmission specifications provided such performance specifications do not exceed the standards listed in this provision. Those services exceeding the standards listed will be maintained at the performance levels specified in this guidebook.

(F) All services installed after April 1, 1985 will conform to the transmission specifications standards contained in this guidebook or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335 PUB 41004, Table 4
Program Audio	TR-NPL-000337 and associated Addendum
Video	TR-NPL-000338
Digital Data	TR-NPL-000341 and associated Addendum PUB 62310
High Capacity	TR-INS-000342 PUB 62411
Synchronous Optical	GR-253-CORE
For OC3 and OC12	GR-1374-CORE ANSI T1.105 ANSI T1-102

7.1.3 Service Configurations

There are three types of service configurations over which Special Access Services are provided: two-point service, multipoint service, and synchronous Optical Channel Service.

(A) Two-Point Service

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

Applicable rate elements are:
- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

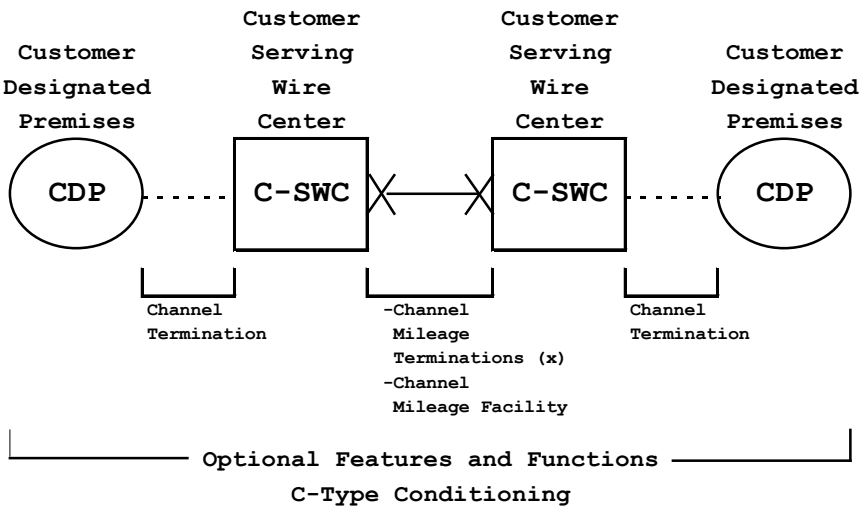
7. Special Access Service (Cont'd)
7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service (Cont'd)

A Special Access Surcharge, as set forth in 7.3 following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two Customer Designated Premises (CDP). The service is provided with C-Type conditioning.



Applicable rate elements are:

- Channel Terminations (2 applicable, one (1) per CDP)
- Channel Mileage
  . 2 Channel Mileage Terminations plus
  . 1 section, Channel Mileage Facility per mile
- C-Type Conditioning Optional Feature

7. Special Access Service (Cont'd)

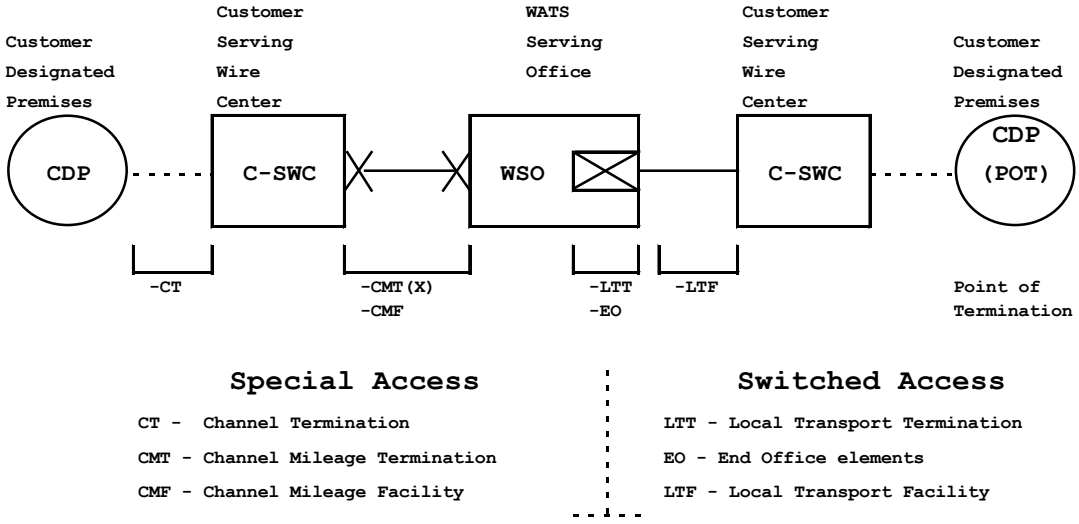
7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service (Cont'd)

The following diagram depicts a two-point Voice Grade service connecting a customer designated premises to a WATS serving office.

The Special Access surcharge, as set forth in 7.3 following, may be applicable.



Applicable rate elements for Special Access are:

- Channel Termination
- Channel Mileage
  - . 2 Channel Mileage Terminations plus
  - . 1 section, Channel Mileage Facility per mile

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

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service (Cont'd)

If one of the Customer Designated Premises is an Expanded Interconnection Location:

- One Channel Termination and one Cross-connect are applicable rate elements.

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through one or more Telephone Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel set forth in 7.4 through 7.10 following.

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

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.2 preceding and 15.1 following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

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

Applicable Rate Elements are:

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

7. Special Access Service (Cont'd)

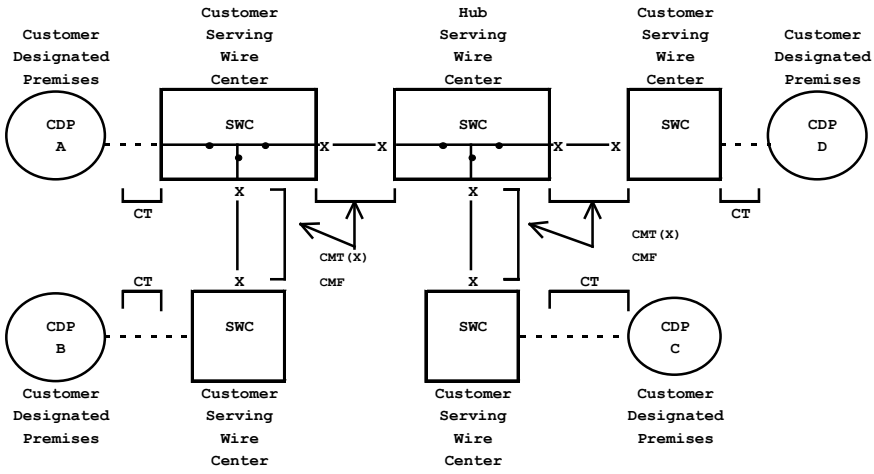
7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

The Special Access Surcharge, as set forth in 7.3 following, may be applicable.

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



CT - Channel Termination
CMT - Channel Mileage Termination
CMF - Channel Mileage Facility
o - Bridging Port

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage
  - o 2 Channel Mileage Terminations per Channel Mileage Facility section for a total of 8 plus
  - o 4 sections, Channel Mileage Facility per mile
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

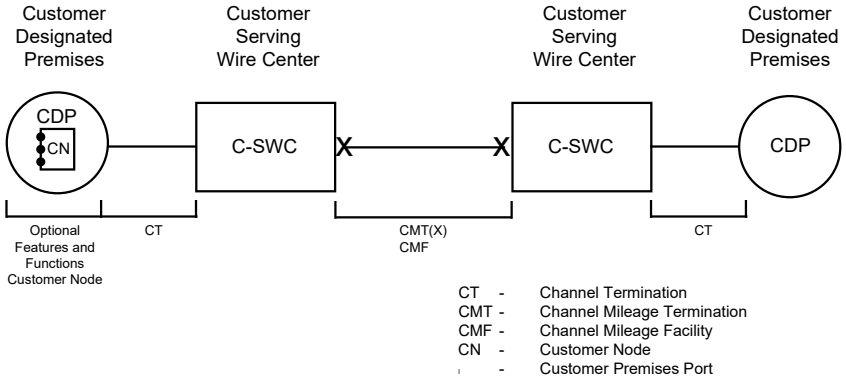
7.1.3 Service Configurations (Cont'd)

(C) Synchronous Optical Channel Service

A Synchronous Optical Channel Service connects two customer designated premises or a customer designated premises and a wire center equipped for Add/Drop Multiplexing. The connection is provided via a high speed optical carrier communications path delivering an optical handoff.

Applicable rate elements are:
- Channel Terminations
- Channel Mileage (where applicable)
- Optional Features and Functions

(1) The following diagram depicts a synchronous optical channel service connecting two Customer Designated Premises (CDP). The Optional Feature and Function of a Customer Node was ordered at one CDP.



Applicable rate elements are:

- Channel Terminations
  2 Channel Terminations (1 per CDP)
- Channel Mileage
  2 Channel Mileage Terminations plus
  1 Segment Channel Mileage Facility (per mile)
- Optional Feature
  1 Customer Node, plus
  3 Customer Premises Ports

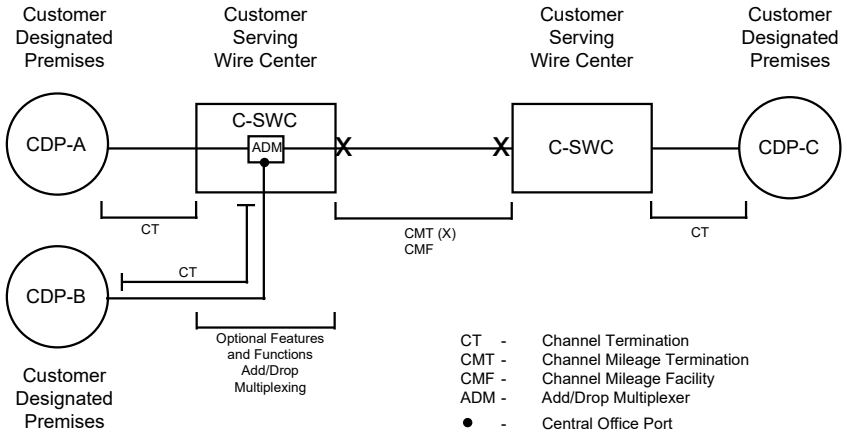
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(C) Synchronous Optical Channel Service (Cont'd)

(2) The following diagram depicts a Synchronous Optical Channel Service connecting three Customer Designated Premises. CDP-A and CDP-B are connected using an Add/Drop Multiplexer. At the Add/Drop Multiplexer, the customer may drop off lower speed special access services. Rates and charges are as set forth in 17.1.8 and 17.1.10 following.



Applicable rate elements are:

- Channel Terminations (applicable one (1) per CDP)
- Channel Mileage
  - Channel Mileage Termination (2 applicable)
  - 1 Section, Channel Mileage Facility per mile
- Add/Drop Multiplexing Optional Feature (1 Central Office Port applicable, i.e., each port)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12. following, Specialized Service or Arrangements. The customer will pay the stated guidebook rates for the Access Service rate elements for the service ordered [i.e., Channel Terminations, Channel Mileage (as applicable) and Optional Features and Functions (if any)].

7.1.5 Special Facilities Routing

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

7.1.6 Design Layout Report

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

7.1.7 Acceptance Testing

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

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

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.7 Acceptance Testing (Cont'd)

(B) For other analog services (i.e., Metallic, Telegraph, Program Audio, and Video) and for digital services (i.e., Digital Data and High Capacity), acceptance tests will include tests applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters, as described in 13.3.1(B) following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

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

7.1.9 Competitive vs Non-competitive Wire Centers

In accordance with the FCC's Business Data Services Report and Order (FCC 17-43) released April 28, 2017, rates, terms and conditions for Special Access packet-based services, TDM-based services exceeding a DS3 bandwidth, and Special Access transport services are set forth in this Windstream ILEC Interstate Business Data Services Guidebook. In addition, rates, terms and conditions for end user channel terminations provided in wire centers where the physical address of the wire center is in a county or county equivalent designated as competitive pursuant to the FCC's list of competitive and non-competitive counties also will be provided pursuant to the rates, terms and conditions of the Windstream ILEC Interstate Business Data Services Guidebook. Special Access end user channel terminations for services provided in wire centers where the physical address of the wire center is in a county or county equivalent designated as non-competitive pursuant to the FCC's list of competitive and non-competitive counties will be provided pursuant to the rates, terms and conditions of Windstream ILEC's Interstate Access Tariffs. A listing of the Windstream ILEC wire centers designated as competitive or non-competitive is provided at 7.14 following.

7. Special Access Service (Cont'd)

7.2 Rate Regulations

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

7.2.1 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in 7.2.1(A) following)
- Channel Mileage (described in 7.2.1(B) following)
- Optional Features and Functions (described in 7.2.1(C) following).

(A) Channel Termination

The Channel Termination rate category recovers the costs associated with the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability is provided as an optional feature as set forth in (C) following.

For Synchronous Optical Channel Service the high speed optical communication path is between the optical line Termination (OLT) at the customer designated premises and the serving wire center of that premises.

One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building.

For DS3 High Capacity Service, the Channel Termination rates are made up of the DS3 Capacity Interface rate and the DS3 Channel Installed rate. The Capacity Interface rate is dependent upon the capacity ordered (i.e., Capacity Interface of 1, 3, 6 or 12) and is applicable at each customer designated premises. The capacity ordered is the maximum number of DS3 services that can be terminated on a given service at the customer designated premises (e.g., a capacity of 3 can terminate 1, 2, or 3 DS3 services).

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(A) Channel Termination (Cont'd)

One DS3 channel installed rate applies per customer designated premises at which the channel is terminated for each DS3 channel that is ordered. These charges will apply even if the customer designated premises and the serving wire center are collocated in a telephone company building.

(B) Channel Mileage

The Channel Mileage rate category recovers the costs associated with the end office equipment and the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company hub or between two Telephone Company hubs, between a serving wire center associated with a customer designated premises and a wire center equipped for Add/Drop Multiplexing (ADM) or between two ADM equipped wire centers. Channel Mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the per mile cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s).

The Synchronous Optical Channel Service Channel Mileage Facility provides high speed transmission facilities between the Telephone Company serving wire centers or between a Telephone Company serving wire center and another wire center equipped for Add/Drop Multiplexing (ADM) or between two ADM equipped wire centers.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage

(2) Channel Mileage Termination

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

If the Channel Mileage for Synchronous Optical Channel Service is between the serving wire center for a customer designated premises and a wire center equipped for Add/Drop Multiplexing, the Channel Mileage Termination Rate will apply at both the serving wire center associated with the Customer Designated Premises and the wire center equipped for Add/Drop Multiplexing. If the Channel Mileage is between two wire centers equipped for Add/Drop Multiplexing, the Channel Mileage Termination rate will apply at both wire centers equipped for Add/Drop Multiplexing.

When the Channel Mileage Facility is zero (i.e., collocated serving wire centers), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(C) Optional Features and Functions

The Optional Features and Functions rate category recovers the costs associated with optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

Descriptions for each of the available Optional Features and Functions are set forth in 7.4 through 7.10 following.

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

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

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

(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time Program Audio or Video Service provided within a consecutive 30 day period will be charged the daily rate, not to exceed the monthly rate. For each day or partial day after a consecutive 30 day period of service, a charge equal to 1/30th of the monthly rate shall apply.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements. These charges are in addition to the Access Order Charge as specified in 17.2.1 following.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Channel Termination.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(2) Installation of Optional Features and Functions

When optional features and functions are installed coincident with the initial installation of service, no separate nonrecurring charge is applicable. When optional features and functions are installed or changed subsequent to the installation of service, an Access Order Charge as specified in 17.2.1 following will apply per order.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.4 preceding.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3 following.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. In the event the change in ownership or transfer of responsibility is as set forth in 2.1.2(A) preceding where there is no change in facilities or arrangements, the change will be treated as an administrative change.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

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

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

All other service rearrangements will be charged as follows:

- If the change involves the addition of other customer designated premises to an existing service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added. The charge(s) will be in addition to an Access Order Charge as set forth in 17.2.1 following.

- If the change involves the addition of an optional feature or function, or if the change involves changing the type of signaling on a Voice Grade service, and for all other changes, the Access Order Charge as set forth in 17.2.1 following will apply.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.3 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building. In either case, charges as described in (A) and (B) following are in addition to the Access Order Charge as specified in 17.2.1 following.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves To a Different Building

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

7.2.4 Minimum Periods

The minimum service period for all services except part-time Video and Program Audio services, DS3 High Capacity Service and Synchronous Optical Channel Service is one month and the full monthly rate will apply to the first month. Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period are as set forth in 2.4.1(F) preceding. The minimum service period for part-time Video and Program Audio services is a continuous 24-hour period, not limited to a calendar day. The minimum service period for DS3 High Capacity Service and Synchronous Optical Channel Service is twelve months.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage Facility is calculated on the airline distance between the locations involved, i.e.,

- the serving wire centers associated with two customer designated premises,
- a serving wire center associated with a customer designated premises and a Telephone Company hub,
- two Telephone Company hubs,
- a serving wire center associated with a customer designated premises and a wire center equipped for Add/Drop Multiplexing,
- two wire centers equipped for Add/Drop Multiplexing, or between the serving wire center associated with a customer designated premises and a WATS Serving Office.

The serving wire center associated with a customer designated premises is the serving wire center from which this customer designated premises would normally obtain dial tone.

Mileage charges are shown with each channel type. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, then multiply the resulting number of miles times the Channel Mileage Facility per mile rate, and add the Channel Mileage Termination rate for each termination. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. When more than one Telephone Company is involved in the provision of service, billing will be accomplished as set forth in 2.4.7 preceding.

When hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e.,

- customer designated premises serving wire center to hub
- hub to hub and/or
- hub to customer designated premises serving wire center.

However, when any service is routed through a hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

See the service configuration example for multipoint service as set forth in 7.1.3(B) preceding.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement (Cont'd)

When Add/Drop Multiplexing is offered in connection with Synchronous Optical Channel service, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e.,

- customer designated premises serving wire center to an Add/Drop Multiplexing (ADM) equipped wire center,
- ADM equipped wire center to ADM equipped wire center,
- ADM equipped wire center to a customer designated premises serving wire center.

7.2.6 Facility Hubs

A customer has the option of ordering Voice Grade service or High Capacity services (i.e., DS1, or DS3) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub. NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of multiplexing functions available.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from high capacity to voice frequency channels.

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the service to the hub on the date specified by the customer on the Access Order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade or a High Capacity Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the service is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

Cascading multiplexing occurs when a High Capacity service is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a 44.752 Mbps High Capacity service is de-multiplexed to twenty-four DS1 channels and then one of the DS1 channels is further de-multiplexed to 24 individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different hubbing locations, Channel Mileage charges also apply between the hubs.

The Telephone Company will designate hubs for Program Audio and Video Services. Full-time or part-time service may be provided between customer designated premises or between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 17.3.5 and 17.3.6 following for a Channel Termination, Channel Mileage and Optional Features and Functions, as applicable. When the service is ordered to a hub, the customer may order a full-time or part-time Program Audio and Video services as needed between that hub and additional customer designated premises. The rate elements required to provide the part-time service (i.e., Channel Termination, Channel Mileage and Optional Features and Functions, as applicable) will be billed at daily rates for the duration of the service requested.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Reserved for future use

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (*)

There are two Service Discount Plans: a High Capacity Optional Rate Plan and a Synchronous Optical Channel Service Optional Rate Plan.

(A) High Capacity Optional Rate plans (*)
There are two High Capacity Optional Rate plans; a Term Discount plan and a Capacity Discount plan*.

The Term Discount plan applies to Special Access DS1 and DS3 High Capacity Service Channel Termination, Channel Mileage Facility and Channel Mileage Termination monthly rates, as set forth following. The amount of the discount differs based on the length of the service commitment period selected by the customer.

Discounts for the Term Discount plan are only applied to High Capacity Service provided a customer within the same state and LATA by the same telephone company.

Discounts for the Capacity Discount plan* are only applied to Special Access DS3 High Capacity Service Channel Termination monthly rates as set forth in 7.11.6 following.

The minimum service period on a monthly rate basis is one month for DS1 service and twelve months for DS3 service.

(1) Term Discounts

DS1 and DS3 High Capacity Special Access Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (Cont'd)

(A) High Capacity Optional Rate plans (Cont'd) (*)

(1) Term Discounts (Cont'd)

The minimum service period for all Term Discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered.

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in 17.1.9 following will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period.

At the end of the Term Discount period, rates will convert to the then current monthly rates as set forth in 17.1.8 following.

To be included in a Service Term Discount plan, all eligible High Capacity rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

Eligible DS1 and DS3 High Capacity rate elements are those Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations provided to a customer within the same state and LATA by the same telephone company.

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (Cont'd)

(A) High Capacity Optional Rate plans (*)

(1) Term Discounts (Cont'd)

(c) Discontinuance of Service

If the customer chooses to disconnect all or a portion of the service prior to the expiration of the Term Discount period, discontinuance charges will apply to the portion of the service being discontinued.

Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period.

Additionally, discontinuance charges of fifty percent of the total undiscounted monthly DS1 or DS3 charges will apply to the remaining portion of the discount service term.

Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifty percent for DS1 or DS3 Service, of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has a DS1 or DS3 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.50 times 27 months times the undiscounted monthly rate for that service.

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (Cont'd)

(B) Synchronous Optical Channel Service Optional Rate Plan (*)

(1) Term Discounts

The Synchronous Optical Channel Service Optional Rate Plan offers a Term Discount. The Term Discount applies to Channel Terminations, Channel Mileage and Optional Features and Functions monthly rates, as set forth following. The Term Discount percentages for the Synchronous Optical Channel Service Term Discount are as set forth in 7.12.4(D) following.

Discounts for the Synchronous Optical Channel Service Optional Rate Plan are only applied to Synchronous Optical Channel Service provided to a customer within the same state and LATA by the same Telephone Company.

OC3/OC3c and OC12 Synchronous Optical Channel Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all term discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered.

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in 7.12.4(D) following will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period.

If a Term Discount percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period.

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (Cont'd)

(B) Synchronous Optical Channel Service Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

At the end of the Term Discount period, rates will convert to the then current monthly rates as set forth in 17.1.10 following.

To be included in a Term Discount plan, all eligible Synchronous Optical Channel Service rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

Eligible OC3/OC3c or OC12 Synchronous Optical Channel Service rate elements are those Channel Terminations, Channel Mileage Facility, Channel Mileage Terminations, Customer Nodes, Customer Premises Ports and Central Office Ports provided to a customer within the same state and LATA by the same Telephone Company. As long as the number of OC3s, OC3cs or OC12s included in a Term Discount plan remains constant, customer requests to install and disconnect OC3, OC3c or OC12 services, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (3) following will not apply.

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Service Discount Plans (Cont'd)

(B) Synchronous Optical Channel Service Optional Rate Plan

(2) Discontinuance of Service

If the customer chooses to disconnect all or a portion of the service prior to the expiration of the Term Discount period, discontinuance charges will apply to the portion of the service being discontinued.

Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent for OC3/OC3c service, and fifty percent for OC12 service, of the total undiscounted monthly charges will apply to the remaining portion of the discount service term.

Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent for OC3/OC3c Service, and fifty percent for OC12 Service, of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has an OC3 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service.

* Effective October 1, 2023, orders for new Service Discount Plans are no longer permitted. The Telephone Company will continue to provide existing Service Discount Plans pursuant to this Section 17 on any existing Service Discount Plan that is in effect as of September 30, 2023, or any order for the Service Discount Plan that is placed with the Telephone Company prior to October 1, 2023 (collectively, Existing Service Discount Plans), subject to the following conditions:

- The Telephone Company will continue to provide Existing Service Discount Plans for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing Service Discount Plan is not permitted. Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only plan that remains available as of October 1, 2023 regardless of the information provided by the customer on the order, including but not limited to population of VTA, OECVTA or VTAI ordering fields. All references in this Guidebook to Service Discount Plans other than Month-to-Month are intended as references to any such Service Discount Plans that were grandfathered under the above provisions. Any such reference may not be interpreted to mean new Service Discount Plans other than Month-to-Month are available or that expiring Service Discount Plans other than Month-to-Month may be renewed or extended.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.9 Density Pricing Zones

A system of density pricing has been established wherein each serving wire center and each meet-point with another Telephone Company is assigned to a zone. Services designated as subject to competition may have rates and charges, as set forth in Section 17 following, which vary between zones for the same service.

Interoffice facilities (Channel Mileage Facility and Channel Mileage Termination) between serving wire centers, or between a serving wire center and a meet-point with another Telephone Company, in different density pricing zones shall be rated with the price from the highest priced zone associated with the specific circuit. Channel Terminations and other zoned special access services are rated from the serving wire center to which they are connected.

Density pricing zones, applicable to serving wire centers, are identified in National Exchange Carrier Association, Inc. Guidebook F.C.C. No. 4. Meet-points with another Telephone Company are assigned to density pricing zone 3.

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7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.1 General

Special access services provided under this guidebook may be subject to the monthly Special Access Surcharge.

7.3.2 Application

(A) The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device, where through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include, but are not limited to, wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex CO-type switch.

(B) Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification for the following Special Access Service terminations:

(1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or

(2) an analog channel termination that is used for radio or television program transmission; or

(3) a termination used for TELEX service; or

(4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as, terminations which are restricted through hardware or software; or

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.2 Application (Cont'd)

(B) (Cont'd)

(5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination, or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or

(6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device which interconnects the Special Access Service to a local exchange subscriber line.

7.3.3 Exemption of Special Access Service

(A) Special Access Services which are terminated as set forth in 7.3.2(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company as follows:

- at the time the Special Access Service is ordered or installed;

- at such time as the service is reterminated to a device which does not interconnect the service to local exchange facilities; or

- at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.3 Exemption of Special Access Services (Cont'd)

(B) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.3.2(B) preceding, for each termination, and the date which the exemption is effective.

(C) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

(D) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. In addition, the Telephone Company may withhold exemption of the service until the questions are resolved.

7.3.4 Rate Regulations

(A) The surcharge will apply as set forth in 7.3.2(A) preceding, except that a surcharge will be assessed on a per voice grade equivalent basis for Special Access Services derived from High Capacity Special Access Services as illustrated in the following example:

Special Access Service	Voice Grade Equivalent		Surcharge	Monthly Charge
DS1	24	x	25	= $600.00

The preceding example illustrates the maximum number of surcharges applicable to a DS1. If the customer claims exemption(s) as set forth in 7.3.3 preceding or, is not utilizing all available voice grade equivalents and has spare capacity, the number of surcharges would be reduced accordingly.

In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.4 Rate Regulations (Cont'd)

(B) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.3.3 preceding.

(C) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (D) following.

(D) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.3.3. preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

7. Special Access Service

7.4 Metallic Service

7.4.1 Basic Channel Description

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

Metallic Special Access services are typically used for applications such as alarm, pilot wire protective relaying, and dc tripping protective relaying. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

It is expressly declared that metallic facilities are in continually decreasing supply and the Company is not obligated to continue to provide such facilities. Due to facility rearrangements, continued use of metallic facilities may be denied to existing customers with no obligation on the Company's part to pay customer equipment rearrangement costs. The Company will give the customer 90 days notification of this type of facility rearrangements. Metallic facilities are provided only where existing facilities and operating conditions permit.

Rates and charges for Special Access Metallic Service are as set forth in 17.3.2 following. Technical Reference publications for Special Access Metallic Service are listed in 7.1.2(F) preceding.

7.4.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(A) following. Compatible network channel interfaces are set forth in 15.1.2(C)(1) following.

7.4.3 Optional Features and Functions

Central Office Bridging Capability

(A) Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.

(B) Series Bridging of up to 26 customer designated premises.

The table set forth in 15.1.1(A) following shows the technical specifications packages with which the optional features and functions are available.

7. Special Access Service (Cont'd)

7.5 Telegraph Grade Service

7.5.1 Basic Channel Description

A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Telegraph Grade Special Access services are typically used for applications such as teletypewriter, telegraph grade control/remote metering, telegraph grade channel, telegraph grade extension, and telegraph grade entrance facilities. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Telegraph Grade Service are as set forth in 17.3.3 following. Technical Reference publications for Special Access Telegraph Service are listed in 7.1.2(F) preceding.

7.5.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(B) following. Compatible network channel interfaces are set forth in 15.1.2(C)(2) following.

7.5.3 Optional Features and Functions

(A) Telegraph Bridging (two-wire and four-wire)

The table set forth in 15.1.1(B) following shows the technical specifications packages with which the optional features and functions are available.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service

7.6.1 Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub or hubs, or between a customer designated premises and a WATS Serving Office (WSO).

Voice Grade Special Access services are typically used for voice and voiceband data applications. Typical examples of voice grade circuits are Foreign Exchange lines (station end only), multipoint private line, voice trunk type, two-point voice grade data (one-way or simultaneous two-way), multipoint voice grade data, and voice grade telephoto or facsimile. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Voice Grade Service are as set forth in 17.3.4 following. Technical Reference publications for Special Access Voice Grade Service are listed in 7.1.2(F) preceding.

7.6.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(C) following. Compatible network channel interfaces are set forth in 15.1.2(C)(3) following.

7.6.3 Optional Features and Functions

(A) Central Office Bridging Capability

(1) Voice Bridging (two-wire and four-wire)

(2) Data Bridging (two-wire and four-wire)

(3) Telephoto Bridging (two-wire and four-wire)

(1) DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(A) Central Office Bridging Capability (Cont'd)

(5) Telemetry and Alarm Bridging

Split Band, Active Bridging Passive Bridging Summation, Active Bridging

The rates for these options are set forth in 17.3.4(C)(1) following.

(B) Central Office Multiplexing

Voice to Telegraph Grade. An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

The rate for this option is set forth in 17.3.4(C)(5) following.

(C) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. The rates for these options are set forth in 17.3.4(C)(2) following.

For two-point services, the parameters apply to each service as measured end-to-end. For multipoint services, the parameters apply as measured on each mid-link or as measured on each end link. C-Type conditioning and Data Capability may be combined on the same service.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(C) Conditioning (Cont'd)

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference(s) for Voice Grade service.

(2) Improved Attenuation Distortion*

Improved Attenuation Distortion upgrades the frequency versus loss limits of the channel. The technical specifications for Improved Attenuation Distortion are delineated in Technical Reference(s) for Voice Grade service. This option is available only when ordered in combination with C-Type Conditioning.

(3) Improved Envelope Delay Distortion*

Improved Envelope Delay Distortion upgrades the frequency versus delay response limits of the channel. The technical specifications for Improved Envelope Delay Distortion are delineated in Technical Reference(s) for Voice Grade service. This option is available only when ordered in combination with C-Type Conditioning.

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(C) Conditioning (Cont'd)

(4) Data Capability (D Conditioning)

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

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are delineated in Technical Reference(s) for Voice Grade service. The rate for this option is set forth in 17.3.4(C)(2) following.

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

(5) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are delineated in Technical Reference(s) for Voice Grade service. The rate for this option is set forth in 17.3.4(C)(2) following.

(6) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type network channel interfaces.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(D) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference(s) for Voice Grade service. The rate for this option is set forth in 17.3.4(C)(4) following.

(E) Improved Return Loss

(1) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference(s) for Voice Grade service. The rate for this option is set forth in 17.3.4(C)(3) following.

(2) On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference(s) for Voice Grade service. The rate for this option is set forth in 17.3.4(C)(3) following.

(F) Signaling Capability

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service. The rate for this option is set forth in 17.3.4(C)(6) following.

Network channel interfaces for Voice Grade Special Access service requiring signaling capability can be found in applicable Technical Reference publications listed in 7.1.2(F) preceding.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(G) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service. The rate for this option is set forth in 17.3.4(C)(7) following.

(H) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of an access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option. The rate for this option is set forth in 17.3.4(C)(8) following.

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

An arrangement that provides the interface requirements that permit a Voice Grade service to interface with a Public Packet Switching Network packet switch located in a Telephone Company premises. The interface is compatible with X.25 and X.75 packet switching protocols as defined by the CCITT. This option is provided on an Individual Case Basis as set forth in 17.3.4(C)(9) following.

(J) Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The customer will be charged the four-wire Channel Termination rate as set forth in 17.3.4(A) following when an effective four-wire is specified in the order for service. The rate for the conversion is included as part of the basic four-wire Channel Termination rate.

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(K) Improved Two-Wire Voice Transmission

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -4.0 dB to +4.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 280 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

Route Miles	C-Message Noise
less than 50	35 dBrnco
51 to 100	37 dBrnco
101 to 200	40 dBrnco
201 to 400	43 dBrnco
401 to 1000	45 dBrnco

(4) Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

The rate for the provision of Improved Two-Wire Voice Transmission is included as part of the basic Channel Termination rate.

(L) Improved Termination Option

Improved Termination provides for a fixed 600 ohm impedance, an extended range of transmission levels, and simplex reversal (when applicable) on an effective four-wire channel. Telephone Company equipment is required at the Customer's premise where this option is ordered. The rate for this option is set forth in 17.3.4(C)(10) following, and is applied per Channel Termination.

7. Special Access Service (Cont'd)

7.7 Program Audio Service

7.7.1 Basic Channel Description

A Program Audio channel is a channel with bandwidth measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

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

Rates and charges for Special Access Program Audio Service are as set forth in 17.3.5 following. Technical Reference publications for Special Access Program Audio Service are listed in 7.1.2(F) preceding.

7.7.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(D) following. Compatible network channel interfaces are set forth in 15.1.2(C)(4) following.

7.7.3 Optional Features and Functions

(A) Central Office Bridging Capability

Distribution Amplifier

(B) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.

7. Special Access Service (Cont'd)

7.7 Program Audio Service (Cont'd)

7.7.3 Optional Features and Functions (Cont'd)

(C) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (An additional Program Audio channel must be ordered separately.)

The table set forth in 15.1.1(D) following shows the technical specifications packages with which the optional features and functions are available.

7. Special Access Service (Cont'd)

7.8 Video Service

7.8.1 Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Rates and charges for Special Access Video Service are as set forth in 17.3.6 following. Technical Reference publications for Special Access Video Service are listed in 7.1.2(F) preceding.

7.8.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(E) following. Compatible network channel interfaces are set forth in 15.1.2(C)(5) following.

The following network channel interfaces (NCIs) define the bandwidth and the provision of the audio signal(s) associated with a Video channel:

NCI	Audio Bandwidth	Provision
2TV6-1	15kHz	1 Channel, diplexed
2TV6-2	15kHz	2 Channels, diplexed
2TV7-1	15kHz	1 Channel, diplexed
2TV7-2	15kHz	2 Channels, diplexed
4TV6-5	5kHz	1 Channel, separate
4TV6-15	15kHz	1 Channel, separate
4TV7-5	5kHz	1 Channel, separate
4TV7-15	15kHz	1 Channel, separate
6TV6-5	5kHz	2 Channels, separate
6TV6-15	15kHz	2 Channels, separate
6TV7-5	5kHz	2 Channels, separate
6TV7-15	15kHz	2 Channels, separate

7. Special Access Service (Cont'd)

7.9 Digital Data Service

7.9.1 Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 Kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. The 64 Kbps speed requires B8ZS Line Code Formatted Signal as described in Technical Reference TR-NPL-000054. The wire centers providing CCC are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, GUIDEBOOK F.C.C. NO. 4.

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

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

Rates and charges for Special Access Digital Data Service are as set forth in 17.3.7 following. Technical Reference publications for Special Access Digital Data Service are listed in 7.1.2(F) preceding.

7. Special Access Service (Cont'd)

7.9 Digital Data Service

7.9.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(F) following. Compatible channel interfaces are set forth in 15.1.2(C)(6) following.

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

NCI	Bit Rate
DU-24	2.4 Kbps
DU-48	4.8 Kbps
DU-96	9.6 Kbps
DU-19	19.2 Kbps
DU-56	56.0 Kbps
DU-64	64.0 Kbps

7.9.3 Optional Features and Functions

(A) Central Office Bridging Capability

The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. Bridging is not available on a 64.0 kbps channel.

(B) Transfer Arrangement

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

7. Special Access Service (Cont'd)

7.9 Digital Data Service (Cont'd)

7.9.3 Optional Features and Functions (Cont'd)

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

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

The table set forth in 15.1.1(F) following shows the technical specifications packages with which the optional features and functions are available.

(D) Reserved for Future Use

(E) Secondary Channel Capability

The secondary channel option provides the customer with the capability to derive an independent, slower speed auxiliary (secondary) channel that operates in parallel with a primary Digital Data Channel without reducing the operating speed of the primary channel. It is available for all speeds of 2.4, 4.8, 9.6, 19.2 and 56 kbps channels. For 56 kbps channels, the option may be used only in two-point configurations which do not require the installation of loop repeater equipment. The technical parameters for the channels with a secondary channel option are set forth in Technical Publication - TR-62310. The speeds of the secondary channels are as follows:

133 bps with a primary 2.4 kbps channel
266 bps with a primary 4.8 kbps channel
533 bps with a primary 9.6 kbps channel
1,066 bps with a primary 19.2 kbps channel
2,666 bps with a primary 56 kbps channel

This optional feature is subject to availability.

7. Special Access Service (Cont'd)

7.10 High Capacity Service

7.10.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps* or 1.544, or 44.736 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

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

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

Rates and charges for Special Access High Capacity Service are as set forth in 17.1.8 following. Technical Reference publications for Special Access High Capacity service are listed in 7.1.2(F) preceding.

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

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.1.1(G) following. Compatible channel interfaces are set forth in 15.1.2(C)(7) following.

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

NCI	Bit Rate
DS-15*	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

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

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions

(A) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises. Equipment at the customer designated premises will be provided under guidebook only if it existed in the Telephone Company inventory as of November 18, 1983.

(B) Transfer Arrangement

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

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(C) Central Office Multiplexing

(1) DS3 to DS1

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

(2) DS1 to Voice

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

(3) DS1 to DS0

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

(4) DS0 to Subrate

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

The table set forth in 15.1.1(G) following shows the technical specifications packages with which the optional features and functions are available.

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(D) Clear Channel Capability (CCC)

(1) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or over a 1.544 Mbps High Capacity channel derived from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of one and zero bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054.

(2) CCC is provided, subject to availability of facilities, on DS1/1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed DS3/44.736 Mbps High Capacity channels or multiplexed DS1/1.544 Mbps High Capacity channels between a telephone company hub office and a customer designated premises. The wire centers providing CCC are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(D) Clear Channel Capability (CCC) (Cont'd)

(3) The CCC optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity Service. The customer must agree to out-of-service periods required to add this feature to an existing High Capacity Service.

(E) ADSL Network Access Link

The ADSL Network Access Link function provides for the interconnection of a DS1 or DS3 High Capacity Service with ADSL Access Service as described in Technical Reference ANSI T1.413-1998.

Rates and charges for the ADSL Network Access Link function are as set forth in 17.1.8, following. This function applies to each DS1 or DS3 High Capacity Service terminated at a DSL Access Service Connection Point.

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service

7.11.1 Basic Channel Description

A Synchronous Optical Channel Service channel provides dedicated transport utilizing Synchronous Optical Network (SONET) transmission standards. Synchronous Optical Channel Service provides optical network capability to customers requiring connections at transmission rates of 155.52 Mbps (OC3) and 622.08 Mbps (OC12). Synchronous Optical Channel Service is provided between two customer designated premises (CDP) through one or more Telephone Company wire centers or between a CDP and a wire center equipped for Add/Drop Multiplexing (ADM). In addition, customers at an ADM equipped wire center may add or drop bandwidth capacity from the synchronous optical channel for delivery to a customer designated premises, WATS office, Public Packet Data Network Service, or another wire center.

OC3/OC3c Synchronous Optical Channel Service may also be provided between a customer designated premises and a Telephone Company designated DSL Access Service Connection Point.

Each channel will be configured with one working and one protect fiber pair within the same sheath between the CDP and the serving wire center of the CDP which provides redundancy to protect the customer's service. Should a failure occur, the SONET technology will automatically switch the customer's transmission to the dedicated protect fiber pair.

The customer may provide node and port equipment at the CDP which allows the high speed optical carrier channel to be converted to an electrical signal at a lower speed. The provision of such equipment by the customer is subject to compatibility with the Telephone Company's equipment in the serving wire center and must comply with the standards specified in GR-253-CORE.

The OC3 channel is available in a non-concatenated format (OC3) which provides three individual signals. The OC3 channel is also available in a concatenated format (OC3c) which provides a single signal appropriate for data transmissions.

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.1 Basic Channel Description (Cont'd)

A term discount is available for Synchronous Optical Channel Service rate elements and optional features and functions. The term discount period for any applicable DS3 Capacity Discount Plan with an associated Term Discount Plan must be reestablished or upgraded at the time of conversion to Synchronous Optical Channel Service. Section 7.2.8(B) preceding specifies the conditions under which a term discount is applicable.

Synchronous Optical Channel Service is available at the wire centers as identified in National Exchange Carrier Association, Inc. Guidebook F.C.C. No. 4.

Rates and charges for Synchronous Optical Channel Service are as set forth in 17.1.10 following.

7.11.2 Network Channel Interfaces

Compatible channel interfaces for Synchronous Optical Channel Service are as set forth in 15.1.2(C)(8) following.

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

NCI	Bit Rate
FCF-B	155.52 Mbps (OC3, OC3c)
FCF-D	622.08 Mbps (OC12)

7.11.3 Optional Features and Functions

(A) Customer Node

A Customer Node charge applies when the Telephone Company provides terminal equipment at the customer designated premises for termination of a Synchronous Optical Channel Service Channel Termination. Such equipment may be used to convert the signal from an optical to electrical format. The Customer Node charge is determined by the level of optical service (i.e., OC3, OC3c or OC12) delivered to the premises. Each Customer Node must be configured with one or more Customer Premises Ports.

Rates and charges for the Customer Node are as set forth in 17.1.10 following.

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(B) Customer Premises Port

Customer Premises Port charges apply in conjunction with the Customer Node charge. Each Customer Premises Port provides the interface to derive a lower capacity service at the customer premises. The type and quantity of ports is determined by the customer and is based on the type of Customer Node selected and the number of DS1, DS3, and/or OC3/OC3c channels ordered. Customer Premises Ports are available at the following speeds:

Customer Premises Port	Speed
OC3, OC3c	155.52 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

Rates and charges for the Customer Premises Port are as set forth in 17.1.10(E)(1) following.

(C) Add/Drop Multiplexing

An Add/Drop Multiplexing Central Office Port charge applies to the interface provided at a Telephone Company wire center for the purpose of adding or dropping lower capacity services from Synchronous Optical Channel Service Channel Termination or Channel Mileage transport facilities. Central Office Ports are available at the following speeds:

Central Office Port	Speed
OC3, OC3c	155.52 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

OC12 service may only be multiplexed to OC3/OC3c channels.

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(C) Add/Drop Multiplexing (Cont'd)

When an OC3 channel is derived from an OC12 service and is further multiplexed to obtain DS3 service, a DS3 port charge will apply in addition to the OC3 port charge.

When a DS3 channel is derived from an OC3 service and is further multiplexed to obtain DS1 service, a DS3 to DS1 Multiplexing charge as set forth in 17.1.8(D)(1) will apply in addition to the DS3 port charge.

When a DS1 channel is directly derived from an OC3 service, a DS1 port charge will apply.

When a DS1 channel is further multiplexed to a lower level signal, a DS1 to Voice Grade Multiplexing charge as set forth in 17.1.8(D)(1) will also apply.

Rates and charges for the Central Office Port are as set forth in 17.1.8(E)(2) following.

(D) ADSL Network Access Link

The ADSL Network Access Link function provides for the interconnection of an OC3 or OC3c Synchronous Optical Channel Service with ADSL Access Service as described in Technical Reference ANSI T1.413-1998.

Rates and charges for the ADSL Network Access Link function are as set forth in 17.1.8, following. This function applies to each OC3 or OC3c Synchronous Optical Channel terminated at an DSL Access Service Connection Point.

7.12 RESERVED FOR FUTURE USE

7.13 RESERVED FOR FUTURE USE

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING

Wire Center	OCN	State	County	County Classification
ABIQNMXC	1193	NM	RIO ARRIBA	Competitive
ABRDNCXA	0476	NC	MOORE	Competitive
ABRNTXXA	1163	TX	HALE	Non Competitive
ABVLGAXA	4332	GA	WILCOX	Non Competitive
ACTNTXXA	2153	TX	HOOD	Competitive
ADARIAXO	1170	IA	ADAIR	Non Competitive
ADBNIAXO	1170	IA	AUDUBON	Competitive
ADELGAXA	4332	GA	COOK	Competitive
ADMSNEXL	1568	NE	GAGE	Competitive
ADRNTXXA	1181	TX	OLDHAM	Non Competitive
AFTNIAXO	1178	IA	UNION	Competitive
AGNCIAXO	1178	IA	WAPELLO	Competitive
AGSTKYXA	9691	KY	BRACKEN	Non Competitive
AHVLALXA	0302	AL	ST CLAIR	Non Competitive
ALAMGAXA	4425	GA	WHEELER	Non Competitive
ALBIIAXO	1170	IA	MONROE	Competitive
ALBMNCXA	0474	NC	STANLY	Competitive
ALBNPAXA	0176	PA	ERIE	Competitive
ALBYKYXA	9690	KY	CLINTON	Competitive
ALBYMOXA	1885	MO	GENTRY	Competitive
ALCHFLXA	0336	FL	ALACHUA	Competitive
ALCYIAXO	1178	IA	BUENA VISTA	Competitive
ALDLMOXA	1885	MO	WORTH	Non Competitive
ALDNIAXO	1178	IA	HARDIN	Competitive
ALDRMOXA	1885	MO	POLK	Non Competitive
ALPHGAXA	4332	GA	BERRIEN	Competitive
ALPHIAXO	1178	IA	FAYETTE	Competitive
ALTONMXC	1193	NM	LINCOLN	Competitive
ALTVIAXP	1167	IA	CHICKASAW	Competitive
ALXNNEXL	1568	NE	THAYER	Competitive
AMHRTXXA	1163	TX	LAMB	Non Competitive
AMTYARXA	1691	AR	CLARK	Non Competitive
ANDLMNXB	1414	MN	WRIGHT	Competitive
ANDRTXXA	1181	TX	ANDREWS	Non Competitive
ANHCTXXA	2153	TX	CHAMBERS	Non Competitive
ANNNTXXA	1163	TX	RED RIVER	Non Competitive
ANTNTXXA	1163	TX	HOCKLEY	Competitive
ANWOIAXO	1178	IA	WASHINGTON	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
APLLPAXA	0176	PA	ARMSTRONG	Non Competitive
APTNIAXO	1170	IA	BUTLER	Non Competitive
ARGYIAXO	1178	IA	LEE	Competitive
ARISIAXP	1178	IA	UNION	Competitive
ARMSIAXP	1167	IA	EMMET	Competitive
ARTNIAXO	1167	IA	FAYETTE	Competitive
ARTNKYXA	9691	KY	CARLISLE	Non Competitive
ASBGOHXA	0666	OH	ASHTABULA	Competitive
ASBNGAXA	4332	GA	TURNER	Non Competitive
ASHROKXA	1165	OK	POTTAWATOMIE	Competitive
ASHTOHXA	0666	OH	ASHTABULA	Competitive
ASHTOHXC	0666	OH	ASHTABULA	Competitive
ASHTOHXD	0666	OH	ASHTABULA	Competitive
ASLDKYXA	9690	KY	BOYD	Competitive
ASLDNEXL	1568	NE	SAUNDERS	Competitive
ASLDOKXA	1965	OK	PITTSBURG	Non Competitive
ASPRTXXA	1163	TX	STONEWALL	Competitive
ASVLNCXA	0476	NC	ANSON	Competitive
ATLSIAXO	1170	IA	MUSCATINE	Competitive
ATONTXXA	1181	TX	HOUSTON	Non Competitive
ATTCIAXO	1178	IA	MARION	Non Competitive
AUBNIAXO	1178	IA	SAC	Competitive
AUBNNEXL	1568	NE	NEMAHA	Competitive
AURROHXA	0666	OH	PORTAGE	Competitive
AVLNTXXA	1181	TX	ELLIS	Competitive - Grandfathered
AVNGTXXA	1163	TX	CASS	Non Competitive
AVNTOKXC	1165	OK	OSAGE	Non Competitive
AVOCIAXO	1170	IA	POTTAWATTAMIE	Competitive
AVOCNEXL	1568	NE	CASS	Non Competitive
AVRYTXXA	1181	TX	RED RIVER	Non Competitive
BADNNCXA	0474	NC	STANLY	Competitive
BARDTXXA	1181	TX	CALLAHAN	Competitive - Grandfathered
BARNOKXA	2011	OK	ADAIR	Non Competitive
BATNGAXA	0357	GA	JACKSON	Competitive - Grandfathered
BAWKGAXA	4332	GA	THOMAS	Competitive
BAWLTXXA	1181	TX	RED RIVER	Non Competitive
BBTWPAXB	0176	PA	GREENE	Non Competitive
BBVLKYXA	9691	KY	KNOX	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
BCKRMNXA	1482	MN	SHERBURNE	Competitive
BCKYIAXO	1178	IA	HARDIN	Competitive
BCWYPAXB	0176	PA	JEFFERSON	Non Competitive
BEDSTXXA	1181	TX	GRIMES	Non Competitive
BEREKYXA	9690	KY	MADISON	Competitive
BESPKYXA	9691	KY	WARREN	Competitive
BEVLARXA	1691	AR	CARROLL	Competitive
BFLOTXXA	1181	TX	LEON	Non Competitive
BFTNGAXA	4332	GA	CLAY	Non Competitive
BGCNGAXA	0386	GA	DAWSON	Non Competitive
BGLKMNXA	1482	MN	SHERBURNE	Competitive
BGLWARXA	1691	AR	PERRY	Non Competitive
BGLYIAXO	1178	IA	GUTHRIE	Non Competitive
BITNIAXO	1178	IA	WASHINGTON	Competitive
BKBGIAXO	1178	IA	WAPELLO	Competitive
BKVLKYXA	9691	KY	BRACKEN	Non Competitive
BKVLPAXB	0176	PA	JEFFERSON	Non Competitive
BKVLTXXA	1163	TX	PANOLA	Non Competitive
BLBGIAXO	1178	IA	WAPELLO	Competitive
BLDLOHXA	0666	OH	JEFFERSON	Non Competitive
BLENIAXO	1167	IA	MONONA	Competitive
BLFLMOXA	1885	MO	MONTGOMERY	Non Competitive
BLGVTXXA	1163	TX	NAVARRO	Non Competitive
BLLPIAXO	1167	IA	BENTON	Non Competitive
BLLVIAXO	1170	IA	JACKSON	Non Competitive
BLMRTXXA	1181	TX	REEVES	Non Competitive
BLUMTXXA	2153	TX	HILL	Non Competitive
BLVIGAXA	0386	GA	UNION	Non Competitive
BLVRMOXA	1885	MO	POLK	Non Competitive
BLWDNEXL	1568	NE	BUTLER	Non Competitive
BLWLTXXA	1163	TX	NOLAN	Non Competitive
BMPNNYXA	0109	NY	CHAUTAUQUA	Competitive
BNBGOHXA	0666	OH	GEAUGA	Competitive
BNDCNEXL	1568	NE	YORK	Competitive
BNHRTXXA	2147	TX	LIMESTONE	Non Competitive
BNJMTXXA	1163	TX	KNOX	Non Competitive
BNNTIAXO	1170	IA	CEDAR	Competitive
BNNTNEXL	1568	NE	LANCASTER	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
BNTNIAXP	1178	IA	RINGGOLD	Non Competitive
BNVSGAXA	4332	GA	MARION	Non Competitive
BNWRTXXA	1181	TX	NEWTON	Non Competitive
BOCKNEXL	1568	NE	NEMAHA	Competitive
BOGTTXXA	1181	TX	RED RIVER	Non Competitive
BOKRTXXA	1163	TX	LIPSCOMB	Non Competitive
BONTTXXA	2153	TX	MONTAGUE	Non Competitive
BORAFLXA	0336	FL	SUWANNEE	Non Competitive
BOTNIAXO	1170	IA	DALLAS	Competitive
BOVNTXXA	1163	TX	PARMER	Non Competitive
BRAROKXA	1165	OK	TULSA	Competitive
BRAROKXB	1165	OK	TULSA	Competitive
BRAROKXC	1165	OK	TULSA	Competitive
BRAROKXD	1165	OK	TULSA	Competitive
BRAROKXE	1165	OK	TULSA	Competitive
BRAROKXM	1165	OK	TULSA	Competitive
BRCHNEXL	1568	NE	PAWNEE	Competitive
BRDDTXXA	1181	TX	SAN AUGUSTINE	Non Competitive
BRDNARXA	1691	AR	OUACHITA	Non Competitive
BRDSNEXL	1568	NE	YORK	Competitive
BRFLOKXA	1965	OK	WASHITA	Competitive
BRFRFLXA	0336	FL	SUWANNEE	Non Competitive
BRHDKYXA	9691	KY	ROCKCASTLE	Non Competitive
BRKRFLXA	0336	FL	BRADFORD	Competitive - Grandfathered
BRLNGAXA	4332	GA	COLQUITT	Competitive
BRNDIAXO	1178	IA	BUCHANAN	Non Competitive
BRNDTXXA	2153	TX	HILL	Non Competitive
BRNGNEXL	1568	NE	THAYER	Competitive
BRNRNEXL	1568	NE	BUTLER	Non Competitive
BRNSOKXA	1165	OK	OSAGE	Non Competitive
BRSDKYXA	9690	KY	PULASKI	Non Competitive
BRSNTXXA	1181	TX	SABINE	Non Competitive
BRTNNEXL	1568	NE	GAGE	Competitive
BRUNNEXL	1568	NE	BUTLER	Non Competitive
BRVEPAXB	0176	PA	GREENE	Non Competitive
BRVLIAXO	1167	IA	PAGE	Competitive
BRVLKYXA	9690	KY	MARION	Competitive
BRVLTXXA	1181	TX	NEWTON	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
BRWLKYXA	9691	KY	CARLISLE	Non Competitive
BRWRIAXO	1170	IA	ADAIR	Non Competitive
BRWYNCXA	0476	NC	LEE	Competitive
BRXTGAXA	4332	GA	COFFEE	Competitive
BSFDMSXA	0453	MS	JEFFERSON DAVIS	Competitive
BSSYIAXO	1178	IA	MARION	Non Competitive
BSTNGAXA	4332	GA	THOMAS	Competitive
BSVLKYXA	9690	KY	CUMBERLAND	Competitive
BTLROKXA	1965	OK	CUSTER	Competitive
BTRCNEXL	1568	NE	GAGE	Competitive
BTSTOKXA	1965	OK	MCCURTAIN	Non Competitive
BTVLGAXA	0386	GA	HABERSHAM	Non Competitive
BTVLKYXA	9690	KY	GARRARD	Non Competitive
BURLTXXA	1181	TX	MILAM	Non Competitive
BURRNEXL	1568	NE	OTOE	Competitive
BVRCNEXL	1568	NE	SEWARD	Competitive
BWFDTXXA	1163	TX	TERRY	Non Competitive
BWVLKYXA	9691	KY	EDMONSON	Non Competitive
BWVLNEXL	1568	NE	NEMAHA	Competitive
BYNMTXXA	1163	TX	HILL	Non Competitive
BYRDIAXO	1170	IA	GUTHRIE	Non Competitive
BYRNGAXA	0357	GA	PEACH	Competitive
BYRNTXXA	1181	TX	OLDHAM	Non Competitive
BYTNOKXB	1165	OK	MUSKOGEE	Non Competitive
BYVLGAXA	4332	GA	DOOLY	Competitive
CAIRGAXA	0357	GA	GRADY	Competitive
CALBPAXC	0176	PA	CLARION	Competitive
CANTOKXA	1965	OK	WASHITA	Competitive
CAPTNMXC	1193	NM	LINCOLN	Competitive
CATNNEXL	1568	NE	THAYER	Competitive
CBCVNMXA	1164	NM	EDDY	Competitive
CCHRPAXC	0176	PA	CRAWFORD	Competitive
CCTSTXXA	1181	TX	MOORE	Non Competitive
CDBLNEXL	1568	NE	SAUNDERS	Competitive
CECLKYXA	9690	KY	HARDIN	Competitive
CETNIAXC	1167	IA	UNION	Competitive
CFFYMOXA	1885	MO	DAVIESS	Competitive
CFVLIAXO	1178	IA	WASHINGTON	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
CHAMNMXC	1193	NM	RIO ARRIBA	Competitive
CHESOHXA	0666	OH	MEIGS	Non Competitive
CHFDOHXA	0665	OH	FULTON	Competitive
CHGVNCXA	0474	NC	ROWAN	Competitive
CHLCIAXO	1178	IA	WAPELLO	Competitive
CHLSIAXO	1167	IA	TAMA	Competitive
CHMYNMXC	1193	NM	RIO ARRIBA	Competitive
CHNGTXXA	1181	TX	HARTLEY	Competitive
CHRDOHXA	0666	OH	GEAUGA	Competitive
CHRLIAXO	1170	IA	CLINTON	Competitive
CHRTIAXC	1178	IA	LUCAS	Competitive
CHTHOKXD	1165	OK	MCINTOSH	Non Competitive
CHTQNYXA	0109	NY	CHAUTAUQUA	Competitive
CHTTGAXA	4332	GA	WHITFIELD	Competitive
CHWOGAXA	4332	GA	MURRAY	Competitive
CITNTXXA	1181	TX	FALLS	Non Competitive
CITRFLXA	0336	FL	MARION	Competitive
CKSNKYXA	9691	KY	GRAYSON	Non Competitive
CLADTXXB	1163	TX	ARMSTRONG	Non Competitive
CLATNEXL	1568	NE	GAGE	Competitive
CLBGIAXP	1167	IA	DELAWARE	Competitive
CLBRGAXA	0357	GA	MADISON	Competitive - Grandfathered
CLCTKYXA	9691	KY	MARSHALL	Competitive
CLCTNEXL	1568	NE	CLAY	Non Competitive
CLDGGAXA	4332	GA	THOMAS	Competitive
CLDGTXXA	2147	TX	LIMESTONE	Non Competitive
CLDNTXXA	1163	TX	DONLEY	Non Competitive
CLEVGAXA	0386	GA	WHITE	Non Competitive
CLFDIAXO	1178	IA	TAYLOR	Competitive
CLHNFLXA	0336	FL	NASSAU	Competitive
CLJTIAXO	1178	IA	LOUISA	Competitive
CLMAKYXA	9690	KY	ADAIR	Competitive
CLMBKYXA	9691	KY	HICKMAN	Non Competitive
CLMBNCXA	0476	NC	POLK	Competitive
CLMSTXXA	1181	TX	TYLER	Non Competitive
CLNSGAXA	4425	GA	TATTNALL	Non Competitive
CLNSIAXO	1167	IA	STORY	Competitive
CLPTPAXC	0176	PA	CLEARFIELD	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
CLRDIAXT	1167	IA	PAGE	Competitive
CLREGAXA	0357	GA	GRADY	Competitive
CLRTOKXA	1965	OK	COAL	Non Competitive
CLSPIAXO	1167	IA	PAGE	Competitive
CLSTOHXA	0665	OH	LORAIN	Competitive
CLUBMOXX	1885	MO	WAYNE	Non Competitive
CLVLGAXA	0386	GA	HABERSHAM	Non Competitive
CLVLTXXA	1163	TX	RED RIVER	Non Competitive
CLYDTXXA	1181	TX	CALLAHAN	Competitive - Grandfathered
CLYMNYXA	0109	NY	CHAUTAUQUA	Competitive
CMBRIAXO	1167	IA	STORY	Competitive
CMLDKYXA	9691	KY	HARLAN	Competitive
CMLDOHXA	0666	OH	GUERNSEY	Competitive
CMPBSCXA	0517	SC	SPARTANBURG	Competitive
CMPHALXA	0302	AL	TALLAPOOSA	Competitive
CMRCGAXA	0357	GA	JACKSON	Competitive - Grandfathered
CMRNOKXA	2011	OK	LE FLORE	Non Competitive
CMRNSCXA	0517	SC	CALHOUN	Non Competitive
CMVLKYXA	9690	KY	TAYLOR	Non Competitive
CNCNIAXO	1178	IA	APPANOOSE	Competitive
CNCRNCXA	0474	NC	CABARRUS	Competitive
CNCYIAXO	1167	IA	LINN	Competitive
CNJLNMXC	1193	NM	RIO ARRIBA	Competitive
CNLKPAXC	0176	PA	CRAWFORD	Competitive
CNRPIAXO	1178	IA	CARROLL	Competitive
CNRYIAXO	1167	IA	IOWA	Non Competitive
CNSQNYXA	0106	NY	OSWEGO	Competitive
CNSVIAXO	1178	IA	MUSCATINE	Competitive
CNTBOHXA	0666	OH	BELMONT	Non Competitive
CNTNGAXA	4332	GA	CHEROKEE	Competitive
CNTNGAXB	4332	GA	CHEROKEE	Competitive
CNTVPAXC	0176	PA	CRAWFORD	Competitive
CNVLGAXA	0357	GA	HOUSTON	Competitive
CNVLIAXO	1178	IA	APPANOOSE	Competitive
CNVLOKXA	1965	OK	JOHNSTON	Non Competitive
CNVLTXXA	1181	TX	LEON	Non Competitive
COLNNEXL	1568	NE	SAUNDERS	Competitive
COMRGAXA	0357	GA	MADISON	Competitive - Grandfathered

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7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
COOKNEXL	1568	NE	JOHNSON	Competitive
COOLOHXA	0666	OH	ATHENS	Competitive
CORNOKXA	1965	OK	WASHITA	Competitive
COVEARXA	1691	AR	POLK	Non Competitive
COVRPAXC	0176	PA	CAMBRIA	Competitive
COWTOKXB	1165	OK	WAGONER	Competitive
CRBONEXL	1568	NE	JOHNSON	Competitive
CRCRMOXA	1885	MO	PULASKI	Non Competitive
CRCTTXXA	1181	TX	HOUSTON	Non Competitive
CRCYFLXA	0336	FL	PUTNAM	Non Competitive
CRDVNEXL	1568	NE	SEWARD	Competitive
CRESIAXO	1167	IA	HOWARD	Competitive
CRETNEXL	1568	NE	SALINE	Competitive
CRFRTXXA	1181	TX	MCLENNAN	Competitive
CRLBNMXA	1164	NM	EDDY	Competitive
CRLDNEXL	1568	NE	GAGE	Competitive
CRMCPAXC	0176	PA	GREENE	Non Competitive
CRNLGAXA	0386	GA	HABERSHAM	Non Competitive
CRNVGAXA	4332	GA	FRANKLIN	Competitive
CRPLTXXA	1181	TX	CALLAHAN	Competitive - Grandfathered
CRSCNEXL	1568	NE	SAUNDERS	Competitive
CRSCPAXC	0176	PA	JEFFERSON	Non Competitive
CRSNTXXA	2153	TX	HOOD	Competitive
CRSTARXA	1691	AR	ASHLEY	Non Competitive
CRTHARXA	1691	AR	DALLAS	Non Competitive
CRTOGAXA	0357	GA	MADISON	Competitive - Grandfathered
CSNGTXXA	1181	TX	NACOGDOCHES	Non Competitive
CSTNTXXA	1163	TX	CROSBY	Competitive
CTBGKYXA	9690	KY	BOYD	Competitive
CTHBGAXA	4332	GA	RANDOLPH	Competitive
CUBANMXC	1193	NM	SANDOVAL	Competitive
CVTNOHXA	0665	OH	MIAMI	Competitive
CVTNTXXA	2153	TX	HILL	Non Competitive
CYLNIAXO	1167	IA	PALO ALTO	Competitive
CYNSTXXA	1181	TX	PECOS	Non Competitive
CYTNGAXA	4425	GA	RABUN	Non Competitive
CYVLKYXA	9691	KY	GRAYSON	Non Competitive
CZNVNYXA	0106	NY	MADISON	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
DASYARXA	1691	AR	PIKE	Non Competitive
DAVLGAXA	4425	GA	TWIGGS	Non Competitive
DAVYNEXL	1568	NE	LANCASTER	Competitive
DAYTPAXD	0176	PA	ARMSTRONG	Non Competitive
DBBYTXXA	2153	TX	CHAMBERS	Non Competitive
DDHMIAXO	1178	IA	CARROLL	Competitive
DDSNTXXA	1163	TX	COLLINGSWORTH	Non Competitive
DELHIAXO	1167	IA	DELAWARE	Competitive
DELTIAXO	1167	IA	KEOKUK	Non Competitive
DELTOHXA	0665	OH	FULTON	Competitive
DEPTTXXA	1181	TX	LAMAR	Competitive
DEQNARXA	1691	AR	SEVIER	Non Competitive
DESTIAXP	1167	IA	DALLAS	Competitive
DEVLGAXA	0357	GA	MADISON	Competitive - Grandfathered
DEWSNEXL	1568	NE	CLAY	Non Competitive
DGLSGAXA	4332	GA	COFFEE	Competitive
DGLSNEXL	1568	NE	OTOE	Competitive
DGNLIAXO	1178	IA	RINGGOLD	Non Competitive
DGVLTXXA	1163	TX	CASS	Non Competitive
DHLNGAXA	0386	GA	LUMPKIN	Non Competitive
DIXNMOXA	1885	MO	PULASKI	Non Competitive
DIXNNMXC	1193	NM	RIO ARRIBA	Competitive
DKLBTXXA	1163	TX	BOWIE	Non Competitive
DLCYOKXA	1965	OK	WASHITA	Competitive
DLGHARXA	1691	AR	PIKE	Non Competitive
DLHRTXXA	1163	TX	DALLAM	Competitive
DLMRIAXO	1170	IA	CLINTON	Competitive
DLMTPAXD	0176	PA	WESTMORELAND	Competitive - Grandfathered
DLRDGAXA	4425	GA	RABUN	Non Competitive
DLRKARXA	1691	AR	DALLAS	Non Competitive
DLTNGAXB	4332	GA	WHITFIELD	Competitive
DLTNGAXC	4332	GA	WHITFIELD	Competitive
DLTNGAXD	4332	GA	WHITFIELD	Competitive
DLVRIAXO	1167	IA	EMMET	Competitive
DMMTTXXA	1181	TX	CASTRO	Competitive
DMSCARXA	1691	AR	VAN BUREN	Non Competitive
DNCYTXXA	1163	TX	YOAKUM	Non Competitive
DNFDTXXA	1163	TX	MORRIS	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
DNLPIAXO	1167	IA	CRAWFORD	Competitive
DNMKIAXO	1178	IA	LEE	Competitive
DNPHMOXX	1885	MO	RIPLEY	Non Competitive
DNSNIAXO	1178	IA	LEE	Competitive
DNTNNCXA	0476	NC	DAVIDSON	Competitive
DNTNNEXL	1568	NE	LANCASTER	Competitive
DNVLGAXA	4425	GA	SEMINOLE	Non Competitive
DODSIAXO	1178	IA	VAN BUREN	Non Competitive
DORNGAXA	4332	GA	COLQUITT	Competitive
DOVRKYXA	9691	KY	MASON	Non Competitive
DOWSIAXO	1178	IA	WRIGHT	Competitive
DRCHNEXL	1568	NE	SALINE	Competitive
DRCKARXA	1691	AR	MADISON	Non Competitive
DRKSARXA	1691	AR	HOWARD	Non Competitive
DRNTIAXO	1170	IA	CEDAR	Competitive
DRSTOHXA	0666	OH	ASHTABULA	Competitive
DRTNPAXD	0176	PA	BEAVER	Competitive
DRWDPAXD	0176	PA	CAMERON	Competitive
DRZTTXXB	1163	TX	LIPSCOMB	Non Competitive
DTRTTXXA	1181	TX	RED RIVER	Non Competitive
DUBSNEXL	1568	NE	PAWNEE	Competitive
DULCNMXC	1193	NM	RIO ARRIBA	Competitive
DUMSTXXA	1181	TX	MOORE	Non Competitive
DUNBNEXL	1568	NE	OTOE	Competitive
DVCYNEXL	1568	NE	BUTLER	Non Competitive
DVPTNEXL	1568	NE	THAYER	Competitive
DWGHNEXL	1568	NE	BUTLER	Non Competitive
DWPKFLXA	0336	FL	SUWANNEE	Non Competitive
DWSNGAXA	4332	GA	TERRELL	Competitive
DWSNNEXL	1568	NE	RICHARDSON	Competitive
DWSNTXXA	1163	TX	NAVARRO	Non Competitive
DWTTIAXO	1170	IA	CLINTON	Competitive
DWTTNEXL	1568	NE	SALINE	Competitive
DWVLGAXA	0386	GA	DAWSON	Non Competitive
DWVLGAXB	0386	GA	DAWSON	Non Competitive
DXTRIAXO	1167	IA	DALLAS	Competitive
DYKNNEXL	1568	NE	JEFFERSON	Competitive
DYVLIAXO	1167	IA	DELAWARE	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
EAGLNEXL	1568	NE	CASS	Non Competitive
EBNKKYXA	9691	KY	PULASKI	Non Competitive
EBRDPAXE	0176	PA	CLARION	Competitive
EBRNKYAC	9691	KY	LAUREL	Competitive
ECLCALXA	0302	AL	ELMORE	Competitive
ECLROHXC	0666	OH	GEAUGA	Competitive
EDGRNEXL	1568	NE	CLAY	Non Competitive
EDSNGAXA	4332	GA	CALHOUN	Non Competitive
EDVLIAXP	1170	IA	WAPELLO	Competitive
EDWDIAXO	1167	IA	CLAYTON	Competitive
EKCKNEXL	1568	NE	JOHNSON	Competitive
EKHTIAXP	1167	IA	POLK	Competitive
EKHTTXXA	1181	TX	ANDERSON	Non Competitive
EKNSARXA	1691	AR	WASHINGTON	Competitive
ELANARXA	1691	AR	PHILLIPS	Non Competitive
ELCYOKXA	1965	OK	GARVIN	Non Competitive
ELCYOKXB	1965	OK	GARVIN	Non Competitive
ELDNIAXO	1178	IA	WAPELLO	Competitive
ELDRPAXE	0176	PA	ARMSTRONG	Non Competitive
ELMAIAXO	1167	IA	HOWARD	Competitive
ELRTNMXC	1193	NM	RIO ARRIBA	Competitive
ELTNNYXA	0109	NY	CHAUTAUQUA	Competitive
ELVLGAXA	4332	GA	SCHLEY	Non Competitive
ELYROHXA	0665	OH	LORAIN	Competitive
ELYROHXB	0665	OH	LORAIN	Competitive
ELYROHXD	0665	OH	LORAIN	Competitive
ELYROHXE	0665	OH	LORAIN	Competitive
EMBGIAXP	1167	IA	PALO ALTO	Competitive
EMPRPAXE	0176	PA	CAMERON	Competitive
EMWDNEXL	1568	NE	CASS	Non Competitive
ENGMGAXA	4332	GA	BERRIEN	Competitive
ENLLGAXA	4332	GA	STEPHENS	Non Competitive
ENOLARXA	1691	AR	FAULKNER	Competitive
ENVYPAXE	0176	PA	LAWRENCE	Competitive
EOLIMOXA	1885	MO	PIKE	Non Competitive
EPWOIAXO	1167	IA	DUBUQUE	Competitive
ERVLIAXP	1167	IA	DELAWARE	Competitive
ESPNNMXC	1193	NM	RIO ARRIBA	Competitive

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7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
ESTLTXXA	1163	TX	HALL	Non Competitive
EUNCNMXA	1164/1181	NM	LEA	Competitive
EVRSKYXA	9691	KY	HARLAN	Competitive
EWNGKYXA	9690	KY	FLEMING	Competitive
EXIRIAXO	1170	IA	AUDUBON	Competitive
EXPRPAXE	0176	PA	WESTMORELAND	Competitive - Grandfathered
EXTRNEXL	1568	NE	FILLMORE	Competitive
EZTWKYXA	9690	KY	HARDIN	Competitive
FAMTNEXL	1568	NE	FILLMORE	Competitive
FAMTTXXA	1181	TX	SABINE	Non Competitive
FARGGAXA	4425	GA	CLINCH	Non Competitive
FASNIAXO	1178	IA	WAPELLO	Competitive
FBNSTXXC	1181	TX	EL PASO	Competitive
FBSHKYXA	9691	KY	PULASKI	Non Competitive
FDCYPAXF	0176	PA	ARMSTRONG	Non Competitive
FKLNTXXA	1181	TX	ROBERTSON	Non Competitive
FLLCKYXA	9691	KY	KNOX	Non Competitive
FLLTTXXA	1163	TX	LIPSCOMB	Non Competitive
FLLYNEXL	1568	NE	GAGE	Competitive
FLRHFLXA	0336	FL	PUTNAM	Non Competitive
FLRNMOXA	1885	MO	MORGAN	Non Competitive
FLRNMSXA	0453	MS	RANKIN	Competitive
FLTNGAXA	4425	GA	CHARLTON	Competitive
FLTNNYXA	0106	NY	OSWEGO	Competitive
FMBGKYXA	9690	KY	FLEMING	Competitive
FNTLIAXO	1170	IA	ADAIR	Non Competitive
FNTNGAXA	4332	GA	COLQUITT	Competitive
FONDIAXO	1178	IA	POCAHONTAS	Competitive
FOSSOKXA	1965	OK	WASHITA	Competitive
FRBGIAXO	1170	IA	CHICKASAW	Competitive
FRBNIAXO	1167	IA	BUCHANAN	Non Competitive
FRBRNEXL	1568	NE	JEFFERSON	Competitive
FRCYIAXO	1167	IA	WINNEBAGO	Competitive
FRCYTXXA	1181	TX	ANDREWS	Non Competitive
FRDLMOXA	1885	MO	RIPLEY	Non Competitive
FRDNPAXF	0176	PA	MERCER	Competitive
FRDYARXA	1691	AR	DALLAS	Non Competitive
FRFDIAXC	1170	IA	JEFFERSON	Competitive

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7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
FRFDNEXL	1568	NE	CLAY	Non Competitive
FRFDTXXB	1181	TX	FREESTONE	Non Competitive
FRFXOKXA	1165	OK	OSAGE	Non Competitive
FRINTXXA	1163	TX	PARMER	Non Competitive
FRLYIAXO	1167	IA	DUBUQUE	Competitive
FRMTIAXO	1170	IA	MAHASKA	Competitive
FRNDNEXL	1568	NE	SALINE	Competitive
FRNLKYXA	9691	KY	MASON	Non Competitive
FRPLMOXA	1885	MO	POLK	Non Competitive
FRSATXXA	1163	TX	HOWARD	Non Competitive
FRSTTXXA	1163	TX	NAVARRO	Non Competitive
FRTCTXXA	1181	TX	HUTCHINSON	Non Competitive
FRTHNEXL	1568	NE	LANCASTER	Competitive
FRTNIAXO	1178	IA	VAN BUREN	Non Competitive
FRTWPAXF	0176	PA	WASHINGTON	Competitive
FRVWMOXA	1885	MO	NEWTON	Competitive
FRVWOHXA	0666	OH	BELMONT	Non Competitive
FTGNGAXA	4332	GA	CLAY	Non Competitive
FTHNTXXC	1181	TX	HUDSPETH	Non Competitive
FTWHFLXA	0336	FL	COLUMBIA	Competitive
FTZGGAXA	4332	GA	IRWIN	Competitive
FWBGNYXA	0109	NY	CHAUTAUQUA	Competitive
FYTTIAXO	1178	IA	FAYETTE	Competitive
GALLMOXA	1885	MO	DAVIESS	Competitive
GARYTXXB	1181	TX	PANOLA	Non Competitive
GDINMOXA	1885	MO	CARTER	Non Competitive
GDJTIAXO	1167	IA	GREENE	Non Competitive
GDLYTXXA	2153	TX	JOHNSON	Competitive
GDRKNEXL	1568	NE	WEBSTER	Non Competitive
GDVWIAXO	1178	IA	LOUISA	Competitive
GDVWTXXA	2153	TX	JOHNSON	Competitive
GENVNEXL	1568	NE	FILLMORE	Competitive
GENVOHXA	0666	OH	ASHTABULA	Competitive
GFTNNEXL	1568	NE	FILLMORE	Competitive
GLBKIAXP	1167	IA	TAMA	Competitive
GLDNIAXO	1167	IA	CARROLL	Competitive
GLGOPAXG	0176	PA	CAMBRIA	Competitive
GLHMARXA	1691	AR	SEVIER	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
GLLNNMXC	1193	NM	RIO ARRIBA	Competitive
GLNDMNXA	1482	MN	BENTON	Competitive
GLNVGAXA	4425	GA	TATTNALL	Non Competitive
GLNVNEXL	1568	NE	CLAY	Non Competitive
GLRSTXXA	1181	TX	SOMERVELL	Competitive
GLSGKYXA	9690	KY	BARREN	Competitive
GLWDARXA	1691	AR	PIKE	Non Competitive
GMTWKYXA	9691	KY	BRACKEN	Non Competitive
GNBGKYXB	9690	KY	GREEN	Non Competitive
GNBOPAXG	0176	PA	GREENE	Non Competitive
GNBRARXA	1691	AR	FAULKNER	Competitive
GNCTIAXO	1170	IA	GRUNDY	Non Competitive
GNFDIAXO	1170	IA	ADAIR	Non Competitive
GNUPKYXA	9690	KY	GREENUP	Competitive
GNVLMOXX	1885	MO	WAYNE	Non Competitive
GNWDNEXL	1568	NE	CASS	Non Competitive
GOTBOKXA	1965	OK	KIOWA	Non Competitive
GPLDTXXA	1181	TX	HOUSTON	Non Competitive
GRAYGAXA	4425	GA	JONES	Non Competitive
GRCKNCXA	0476	NC	POLK	Competitive
GRELIAXO	1167	IA	DELAWARE	Competitive
GRFRARXA	1691	AR	CARROLL	Competitive
GRHMNEXL	1568	NE	YORK	Competitive
GRLDNEXL	1568	NE	SEWARD	Competitive
GRNEIAXO	1170	IA	BUTLER	Non Competitive
GRNLIAXC	1167	IA	POWESHIEK	Competitive
GROMTXXA	1163	TX	CARSON	Non Competitive
GRQYNCXA	0476	NC	ROWAN	Competitive
GRRYNYXA	0109	NY	CHAUTAUQUA	Competitive
GRSNKYXA	9690	KY	LEWIS	Non Competitive
GRSNTXXA	2147	TX	NACOGDOCHES	Non Competitive
GRTTOHXA	0665	OH	LICKING	Competitive
GRTYOKXA	1965	OK	HUGHES	Non Competitive
GRVIOHXA	0665	OH	LICKING	Competitive
GRVTIAXO	1178	IA	TAYLOR	Competitive
GRWNIAXO	1167	IA	TAMA	Competitive
GTCTIAXO	1170	IA	GUTHRIE	Non Competitive
GTCYMOXA	1885	MO	WORTH	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
GVTNTXXA	1163	TX	TRINITY	Non Competitive
GYMLPAXG	0176	PA	CRAWFORD	Competitive
GYSNKYXA	9690	KY	CARTER	Competitive - Grandfathered
GYVLPAXG	0176	PA	GREENE	Non Competitive
HAHRGAXA	4332	GA	LOWNDES	Competitive
HANSNEXL	1568	NE	ADAMS	Competitive
HARTTXXA	1181	TX	CASTRO	Competitive
HAZNPAXH	0176	PA	JEFFERSON	Non Competitive
HBBSNMXA	1163/1164	NM	LEA	Competitive
HBBSNMXB	1164	NM	LEA	Competitive
HBRDTXXA	1163	TX	HILL	Non Competitive
HBRNNEXL	1568	NE	THAYER	Competitive
HCMNNEXL	1568	NE	LANCASTER	Competitive
HDDCGAXA	4425	GA	JONES	Non Competitive
HDLYTXXA	1163	TX	DONLEY	Non Competitive
HDRCIAXO	1178	IA	KEOKUK	Non Competitive
HDSNOHXA	0666	OH	SUMMIT	Competitive
HELNGAXA	0386	GA	WHITE	Non Competitive
HETHOHXA	0665	OH	LICKING	Competitive
HGHMTXXA	2153	TX	GAINES	Competitive
HGHVPAXH	0176	PA	LYCOMING	Competitive
HGNSTXXA	1163	TX	LIPSCOMB	Non Competitive
HGSPFLXA	0336	FL	ALACHUA	Competitive
HGSPTXXA	1163	TX	CASS	Non Competitive
HGTNIAXO	1178	IA	LEE	Competitive
HGVLKYXA	9690	KY	LARUE	Non Competitive
HIRMOHXA	0666	OH	PORTAGE	Competitive
HLBOIAXO	1178	IA	HENRY	Competitive
HLBOKYXA	9690	KY	FLEMING	Competitive
HLBONMXC	1193	NM	SIERRA	Non Competitive
HLBRIAXO	1170	IA	CARROLL	Competitive
HLCRIAXP	1167	IA	DUBUQUE	Competitive
HLDYMOXA	1885	MO	MONROE	Competitive
HLDYTXXA	1163	TX	ARCHER	Competitive
HLLMNEXL	1568	NE	LANCASTER	Competitive
HLRDFLXA	0336	FL	NASSAU	Competitive
HLWYMOXA	1885	MO	POLK	Non Competitive
HMBLNEXL	1568	NE	RICHARDSON	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
HMBRNCXA	0476	NC	UNION	Competitive
HMHLTXXA	1181	TX	SABINE	Non Competitive
HMMNOKXA	1965	OK	ROGER MILLS	Non Competitive
HMNYOKXB	1165	OK	OSAGE	Non Competitive
HMSHTXXA	2153	TX	JEFFERSON	Competitive
HMVLGAXA	4425	GA	CLINCH	Non Competitive
HNCKOHXA	0666	OH	MEDINA	Competitive
HNKMTXXA	2153	TX	CHAMBERS	Non Competitive
HNTNTXXA	1181	TX	ANGELINA	Non Competitive
HNVROHXA	0665	OH	LICKING	Competitive
HOKSTXXA	1181	TX	BOWIE	Non Competitive
HOMRGAXA	0357	GA	BANKS	Non Competitive
HORTARXA	1691	AR	SEVIER	Non Competitive
HPDLOHXA	0666	OH	HARRISON	Non Competitive
HPPYTXXA	1163	TX	SWISHER	Non Competitive
HPTNIAXO	1167	IA	DELAWARE	Competitive
HRBGNCXA	0474	NC	CABARRUS	Competitive
HRCYPAXH	0176	PA	WESTMORELAND	Competitive - Grandfathered
HRDYNEXL	1568	NE	NUCKOLLS	Non Competitive
HRLNIAXT	1170	IA	SHELBY	Competitive
HRPRIAXO	1167	IA	KEOKUK	Non Competitive
HRPRTXXA	2097	TX	GILLESPIE	Competitive
HRRSIAXP	1167	IA	OSCEOLA	Competitive
HRSNARXA	1691	AR	BOONE	Competitive
HRSNARXB	1691	AR	BOONE	Competitive
HRTLIAXP	1167	IA	O'BRIEN	Competitive
HRTLTXXA	1181	TX	HARTLEY	Competitive
HRVRNEXL	1568	NE	CLAY	Non Competitive
HRWDTXXA	1163	TX	LUBBOCK	Competitive - Grandfathered
HSKLOKXA	1165	OK	MUSKOGEE	Non Competitive
HSKLTXXA	1163	TX	HASKELL	Competitive
HSNGFLXA	0336	FL	ST JOHNS	Competitive
HSNGNEXL	1568	NE	ADAMS	Competitive
HSTNIAXO	1178	IA	WAYNE	Non Competitive
HTBGOHXA	0666	OH	GEAUGA	Competitive
HTFDARXA	1691	AR	POLK	Non Competitive
HTLKTXXA	1181	TX	LEON	Non Competitive
HTVLKYXE	9690	KY	LINCOLN	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
HVNROKXA	2011	OK	LE FLORE	Non Competitive
HWSSGAXA	0386	GA	TOWNS	Non Competitive
HWTHPAXH	0176	PA	CLARION	Competitive
HZRDKYXA	9690	KY	PERRY	Competitive
HZTNIAXO	1167	IA	BUCHANAN	Non Competitive
IBERMOXX	1885	MO	MILLER	Competitive
IDALTXXA	1163	TX	LUBBOCK	Competitive - Grandfathered
IDELGAXA	4332	GA	MACON	Non Competitive
ILA GAXA	0357	GA	MADISON	Competitive - Grandfathered
IMPRTXXA	1181	TX	PECOS	Non Competitive
INMNSCXA	0517	SC	SPARTANBURG	Competitive
INTRFLXA	0336	FL	PUTNAM	Non Competitive
INTRNCXA	0476	NC	UNION	Competitive
IOLATXXA	1181	TX	GRIMES	Non Competitive
IRCYGAXA	4425	GA	SEMINOLE	Non Competitive
IRDLTXXA	2153	TX	BOSQUE	Non Competitive
IRENTXXA	1181	TX	HILL	Non Competitive
IRVLGAXA	4332	GA	IRWIN	Competitive
IRVNKYXA	9691	KY	ESTILL	Non Competitive
ITHCNEXL	1568	NE	SAUNDERS	Competitive
JAKNGAXA	4425	GA	EARLY	Non Competitive
JAL NMXA	1164	NM	LEA	Competitive
JAMCIAXO	1178	IA	GUTHRIE	Non Competitive
JCVLGAXA	4332	GA	TELFAIR	Competitive
JFSNGAXA	0357	GA	JACKSON	Competitive - Grandfathered
JFSNPAXJ	0176	PA	GREENE	Non Competitive
JFVLGAXA	4425	GA	TWIGGS	Non Competitive
JHSNNEXL	1568	NE	NEMAHA	Competitive
JHVLKYXA	9691	KY	BRACKEN	Non Competitive
JMSNMOXA	1885	MO	DAVIESS	Competitive
JMSPNMXC	1193	NM	SANDOVAL	Competitive
JMTWNYXA	0109	NY	CHAUTAUQUA	Competitive
JMTWPAXJ	0176	PA	MERCER	Competitive
JNGSFLXA	0336	FL	HAMILTON	Non Competitive
JNKNKYXA	9691	KY	LETCHER	Competitive
JNSNNEXL	1568	NE	JEFFERSON	Competitive
JNVLIAXO	1170	IA	BREMER	Competitive
JOQNTXXA	1181	TX	SHELBY	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
JSBGPAXJ	0176	PA	ELK	Competitive
JSPRFLXA	0336	FL	HAMILTON	Non Competitive
JSPRGAXA	4332	GA	PICKENS	Competitive
JULNNEXL	1568	NE	NEMAHA	Competitive
JUNTNEXL	1568	NE	ADAMS	Competitive
KAMYTXXA	1181	TX	WICHITA	Competitive
KENTIAXO	1167	IA	UNION	Competitive
KEOTIAXP	1167	IA	KEOKUK	Non Competitive
KETNGAXA	4425	GA	WALKER	Competitive
KGVLOHXA	0666	OH	ASHTABULA	Competitive
KINGNCXA	0476	NC	STOKES	Competitive
KIOWOKXA	1965	OK	PITTSBURG	Non Competitive
KLTNIAXO	1178	IA	RINGGOLD	Non Competitive
KNCYTXXA	1163	TX	KNOX	Non Competitive
KNDYNYXA	0109	NY	CHAUTAUQUA	Competitive
KNOXPAXK	0176	PA	CLARION	Competitive
KNPLNCXA	0474	NC	CABARRUS	Competitive
KNRDTXXA	1181	TX	HOUSTON	Non Competitive
KNSWNEXL	1568	NE	ADAMS	Competitive
KNTNOHXA	0665	OH	HARDIN	Competitive
KNVLIAXC	1178	IA	MARION	Non Competitive
KPRLTXXA	2153	TX	BOSQUE	Non Competitive
KRNCTXXA	1181	TX	HARRISON	Competitive - Grandfathered
KRSHSCXB	0517	SC	LANCASTER	Competitive
KRSYPAXK	0176	PA	ELK	Competitive
KRVLTXXA	2097	TX	KERR	Competitive
KTNGPAXK	0176	PA	ARMSTRONG	Non Competitive
KWCYOKXA	1165	OK	KAY	Non Competitive
KWLGALXA	0302	AL	ELMORE	Competitive
LACNIAXO	1178	IA	WARREN	Competitive
LAMSTXXA	1163	TX	DAWSON	Non Competitive
LAMTIAXO	1167	IA	BUCHANAN	Non Competitive
LAVNGAXA	4332	GA	FRANKLIN	Competitive
LBCTIAXO	1178	IA	WARREN	Competitive
LBNNKYXA	9690	KY	MARION	Competitive
LBRLMOXA	1885	MO	BARTON	Non Competitive
LBRTKYXA	9690	KY	CASEY	Non Competitive
LBRTNEXL	1568	NE	GAGE	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
LBVLIAXO	1178	IA	JEFFERSON	Competitive
LCBGARXA	1691	AR	SEVIER	Non Competitive
LCBGPAXL	0176	PA	ARMSTRONG	Non Competitive
LCLDMOXA	1885	MO	LINN	Non Competitive
LCLRIAXO	1170	IA	SCOTT	Competitive
LCRGIAXO	1178	IA	JEFFERSON	Competitive
LDWCGAXA	4425	GA	LONG	Non Competitive
LDYRIAXO	1167	IA	KOSSUTH	Competitive
LEDSALXA	0302	AL	ST CLAIR	Non Competitive
LEDSALXB	0302	AL	ST CLAIR	Non Competitive
LEOLARXA	1691	AR	GRANT	Non Competitive
LESLARXA	1691	AR	SEARCY	Non Competitive
LFYTGAXA	4425	GA	WALKER	Competitive
LGRDIAXO	1167	IA	MARSHALL	Competitive
LGRNOHXA	0665	OH	LORAIN	Competitive
LGTNIAXO	1178	IA	MAHASKA	Competitive
LGTNNMXA	1164	NM	LEA	Competitive
LHVLIAXP	1167	IA	CALHOUN	Competitive
LKBTFLXA	0336	FL	UNION	Non Competitive
LKCYIAXO	1167	IA	CALHOUN	Competitive
LKLDGAXA	4332	GA	LANIER	Competitive
LKSNGAXA	4425	GA	BALDWIN	Competitive
LKVGTXXA	2153	TX	BOSQUE	Non Competitive
LKVWIAXO	1178	IA	SAC	Competitive
LKVWTXXA	1163	TX	HALL	Non Competitive
LKWDNYXA	0109	NY	CHAUTAUQUA	Competitive
LLVLNCXA	0476	NC	ANSON	Competitive
LMSPIAXO	1178	IA	HOWARD	Competitive
LNBOIAXO	1178	IA	CARROLL	Competitive
LNCLNEXA	1568	NE	LANCASTER	Competitive
LNCLNEXB	1568	NE	LANCASTER	Competitive
LNCLNEXD	1568	NE	LANCASTER	Competitive
LNCLNEXL	1568	NE	LANCASTER	Competitive
LNCLNEXS	1568	NE	LANCASTER	Competitive
LNCSKYXA	9690	KY	GARRARD	Non Competitive
LNDNIAXO	1167	IA	DALLAS	Competitive
LNDNTXXA	1163	TX	CASS	Non Competitive
LNDRNMXC	1193	NM	RIO ARRIBA	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification	
LNDRSCXA	0517	SC	SPARTANBURG	Competitive	
LNDSOKXA	1165	OK	GARVIN	Non Competitive	
LNFRPAXL	0176	PA	CARBON	Competitive	
LNGVIAXO	1178	IA	BUENA VISTA	Competitive	
LNSTTXXA	1163	TX	MORRIS	Non Competitive	
LNSVPAXL	0176	PA	WAYNE	Non Competitive	
LNTRIAXO	1178	IA	JOHNSON	Competitive	
LOGNIAXO	1167	IA	HARRISON	Non Competitive	
LOLDTXXA	1181	TX	HOUSTON	Non Competitive	
LONATXXA	1181	TX	LEON	Non Competitive	
LONDKYXA	9691	KY	LAUREL	Competitive	C
LORNTXXA	1181	TX	MITCHELL	Non Competitive	
LOTTTXXA	1181	TX	FALLS	Non Competitive	
LOVLIAXO	1178	IA	MONROE	Competitive	
LRHLNCXA	0476	NC	SCOTLAND	Competitive	
LRNZTXXA	1163	TX	CROSBY	Competitive	
LRTTKYXA	9690	KY	MARION	Competitive	
LRVLFLXA	0336	FL	SUWANNEE	Non Competitive	
LSBNIAXO	1170	IA	LINN	Competitive	
LSVLNEXL	1568	NE	CASS	Non Competitive	
LTFDKYXA	9690	KY	GRAYSON	Non Competitive	
LTFDTXXA	1163	TX	LAMB	Non Competitive	
LTHCOHXA	0666	OH	WASHINGTON	Competitive	
LTITARXA	1691	AR	PULASKI	Competitive	
LTRKARTL	1691	AR	PULASKI	Competitive	
LTSXIAXO	1167	IA	HARRISON	Non Competitive	
LTTSIAXO	1178	IA	LOUISA	Competitive	
LTWDKYXA	9690	KY	PERRY	Competitive	
LUBGPAXL	0176	PA	CLEARFIELD	Competitive	
LUCSIAXP	1178	IA	LUCAS	Competitive	
LVLDTXXA	1163	TX	HOCKLEY	Competitive	
LVNGNMXA	1164	NM	EDDY	Competitive	
LVOKFLXA	0336	FL	SUWANNEE	Non Competitive	
LVTNKYXA	9691	KY	ROCKCASTLE	Non Competitive	
LWDNIAXO	1170	IA	CEDAR	Competitive	
LWGMKYXA	9691	KY	LOGAN	Non Competitive	
LWLRIAXO	1178	IA	CHICKASAW	Competitive	
LWMRIAXO	1170	IA	CLINTON	Competitive	

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
LWVLNCXA	0476	NC	FORSYTH	Competitive
LXBGIAXO	1167	IA	DUBUQUE	Competitive
LXTNGAXA	0357	GA	OGLETHORPE	Non Competitive
LXTNKYXA	9690	KY	FAYETTE	Competitive
LXTNKYXB	9690	KY	FAYETTE	Competitive
LXTNKYXC	9690	KY	FAYETTE	Competitive
LXTNKYXD	9690	KY	FAYETTE	Competitive
LXTNKYXE	9690	KY	FAYETTE	Competitive
LXTNKYXF	9690	KY	FAYETTE	Competitive
LXTNKYXG	9690	KY	FAYETTE	Competitive
LXTNNCXA	0483	NC	DAVIDSON	Competitive
LXTNNCXB	0483	NC	DAVIDSON	Competitive
LXTNNCXC	0483	NC	DAVIDSON	Competitive
LXTNNCXD	0483	NC	DAVIDSON	Competitive
LXTNNCXE	0483	NC	DAVIDSON	Competitive
LXTNSCXB	0517	SC	LEXINGTON	Competitive
LXTNSCXC	0517	SC	LEXINGTON	Competitive
LYBKNMXC	1193	NM	RIO ARRIBA	Competitive
LYRLGAXA	4332	GA	CHATTOOGA	Competitive
LYTNIAXO	1178	IA	SAC	Competitive
MALNTXXA	1163	TX	HILL	Non Competitive
MAUDTXXA	1181	TX	BOWIE	Non Competitive
MAY TXXA	1181	TX	BROWN	Competitive
MAYOFLXA	0336	FL	LAFAYETTE	Non Competitive
MBTETXXA	1163	TX	WHEELER	Non Competitive
MCBGIAXO	1167	IA	STORY	Competitive
MCINFLXA	0336	FL	MARION	Competitive
MCJTNEXL	1568	NE	YORK	Competitive
MCRAGAXA	4332	GA	TELFAIR	Competitive
MDNMMOXA	1885	MO	BARTON	Non Competitive
MDRDIAXO	1170	IA	BOONE	Non Competitive
MDSNMOXA	1885	MO	MONROE	Competitive
MDSNOHXA	0666	OH	LAKE	Competitive
MDTWMOXA	1885	MO	MONTGOMERY	Non Competitive
MDVLGAXA	4332	GA	BALDWIN	Competitive
MDVLPAXM	0176	PA	CRAWFORD	Competitive
MDWYKYXA	9690	KY	WOODFORD	Competitive
MDWYPAXM	0176	PA	WASHINGTON	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
MEADNEXL	1568	NE	SAUNDERS	Competitive
MEDSKYXA	9690	KY	BOYD	Competitive
MEDWTXXA	1163	TX	TERRY	Non Competitive
MEGSGAXA	4332	GA	THOMAS	Competitive
MEKROKXA	1165	OK	LINCOLN	Competitive
MENLGAXA	4332	GA	CHATTOOGA	Competitive
MGNLIAXP	1167	IA	HARRISON	Non Competitive
MGRGTXXA	1163	TX	ARCHER	Competitive
MGTNARXA	1691	AR	VAN BUREN	Non Competitive
MHVLNCXA	0476	NC	UNION	Competitive
MIAMTXXA	1163	TX	ROBERTS	Non Competitive
MILNGAXA	4425	GA	DODGE	Competitive
MILNMOXA	1885	MO	SULLIVAN	Competitive
MILOIAXO	1178	IA	WARREN	Competitive
MINDIAXO	1170	IA	POTTAWATTAMIE	Competitive
MINGIAXO	1170	IA	JASPER	Competitive
MKBGIAXO	1178	IA	MADISON	Competitive
MLAMTXXA	1181	TX	HILL	Non Competitive
MLBNKYXA	9691	KY	CARLISLE	Non Competitive
MLBNOKXA	1965	OK	JOHNSTON	Non Competitive
MLBYARXA	1691	AR	CRAWFORD	Competitive
MLCHIAXO	1178	IA	MARION	Non Competitive
MLCKOKXA	1965	OK	JOHNSTON	Non Competitive
MLCLNEXL	1568	NE	LANCASTER	Competitive
MLCMIAXO	1167	IA	POWESHIEK	Competitive
MLFDOHXC	0666	OH	GEAUGA	Competitive
MLFRNEXL	1568	NE	SEWARD	Competitive
MLFRTXXA	1181	TX	ELLIS	Competitive - Grandfathered
MLGNNEXL	1568	NE	FILLMORE	Competitive
MLRDIAXO	1167	IA	PALO ALTO	Competitive
MLRSFLXA	0336	FL	PUTNAM	Non Competitive
MLRSIAXO	1170	IA	MONROE	Competitive
MLTNIAXO	1178	IA	VAN BUREN	Non Competitive
MLTRGAXA	4332	GA	COLQUITT	Competitive
MLVNIAXP	1167	IA	OSCEOLA	Competitive
MMCVKYXA	9691	KY	EDMONSON	Non Competitive
MMLLARXA	1691	AR	PULASKI	Competitive
MMPHTXXA	1163	TX	HALL	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
MNCHGAXA	4332	GA	MERIWETHER	Non Competitive
MNCHIAXO	1167	IA	DELAWARE	Competitive
MNCHKYXA	9691	KY	CLAY	Competitive
MNCYPAXM	0176	PA	LYCOMING	Competitive
MNDMIAXO	1167	IA	HARRISON	Non Competitive
MNDNMOXX	1885	MO	CHARITON	Non Competitive
MNDYTXXA	1163	TX	KNOX	Non Competitive
MNLSNYXA	0106	NY	ONONDAGA	Competitive
MNNGIAXO	1170	IA	JASPER	Competitive
MNPLIAXC	1178	IA	HENRY	Competitive
MNPLNCXA	0474	NC	CABARRUS	Competitive
MNSNIAXP	1167	IA	CALHOUN	Competitive
MNTIKYXA	9690	KY	WAYNE	Non Competitive
MNTNTXXA	1181	TX	LOVING	Non Competitive
MNTRIAXO	1167	IA	TAMA	Competitive
MODLIAXO	1167	IA	HARRISON	Non Competitive
MOHOOKXA	2011	OK	LE FLORE	Non Competitive
MONRGAXA	4332	GA	WALTON	Competitive - Grandfathered
MONRIAXO	1178	IA	JASPER	Competitive
MORNTXXA	1181	TX	SHACKELFORD	Non Competitive
MORVIAXO	1178	IA	APPANOOSE	Competitive
MOSHTXXA	2153	TX	BOSQUE	Non Competitive
MPLKMNXA	1414	MN	WRIGHT	Competitive
MRBGIAXO	1178	IA	KEOKUK	Non Competitive
MRBGMOXA	1885	MO	AUDRAIN	Competitive
MRBOARXA	1691	AR	PIKE	Non Competitive
MRCLNYXA	0106	NY	ONONDAGA	Competitive
MRDCNEXL	1568	NE	CASS	Non Competitive
MRDLIAXO	1178	IA	WARREN	Competitive
MRGNGAXA	4332	GA	CALHOUN	Non Competitive
MRGNTXXA	1181	TX	BOSQUE	Non Competitive
MRHDKYXA	9690	KY	ROWAN	Competitive
MRKLTXXA	1181	TX	TAYLOR	Competitive - Grandfathered
MRNGIAXO	1167	IA	IOWA	Non Competitive
MRQZTXXA	1181	TX	LEON	Non Competitive
MRRKIAXO	1170	IA	FLOYD	Competitive
MRRSOKXC	1165	OK	OKMULGEE	Non Competitive
MRRYNEXL	1568	NE	CASS	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
MRSHARXA	1691	AR	SEARCY	Non Competitive
MRTHIAXO	1178	IA	BUENA VISTA	Competitive
MRTLNEXL	1568	NE	LANCASTER	Competitive
MRTNTXXA	1163	TX	COCHRAN	Competitive
MRTTTXXA	1163	TX	CASS	Non Competitive
MRTWOHXA	0666	OH	BELMONT	Non Competitive
MRVINCXA	0476	NC	IREDELL	Competitive
MRVLGAXA	4332	GA	MACON	Non Competitive
MRVLMOXA	1885	MO	POLK	Non Competitive
MRVNGAXA	4332	GA	BROOKS	Non Competitive
MRVNNCXA	0476	NC	ANSON	Competitive
MSCWIAXO	1170	IA	MUSCATINE	Competitive
MSPTOHXA	0666	OH	TRUMBULL	Competitive
MTAGTXXA	2153	TX	MONTAGUE	Non Competitive
MTAYIAXC	1178	IA	RINGGOLD	Non Competitive
MTCLTXXA	1163	TX	HILL	Non Competitive
MTGMPAXE	0176	PA	LYCOMING	Competitive
MTHWNCXB	0476	NC	MECKLENBURG	Competitive
MTHWNCXC	0476	NC	MECKLENBURG	Competitive
MTIDARXA	1691	AR	MONTGOMERY	Non Competitive
MTMRPAXM	0176	PA	GREENE	Non Competitive
MTOLKYXA	9691	KY	ROBERTSON	Non Competitive
MTRSGAXA	4425	GA	LAURENS	Non Competitive
MTRSIAXO	1178	IA	LEE	Competitive
MTRSMNXB	1414	MN	WRIGHT	Competitive
MTUNIAXO	1178	IA	HENRY	Competitive
MTVLOHXA	0666	OH	GEAUGA	Competitive
MTVRGAXA	4332	GA	MONTGOMERY	Non Competitive
MTVRKYAI	9691	KY	ROCKCASTLE	Non Competitive
MTVWOKXA	1965	OK	KIOWA	Non Competitive
MTWSKYXA	0402	KY	BULLITT	Competitive
MTZMGAXA	4332	GA	MACON	Non Competitive
MUNVNYXA	0106	NY	MADISON	Competitive
MXWLIAXP	1167	IA	STORY	Competitive
MXYSGAXA	0357	GA	OGLETHORPE	Non Competitive
MYCYIAXP	1167	IA	OSCEOLA	Competitive
MYLCKYXA	9691	KY	MASON	Non Competitive
MYNRIAXO	1178	IA	FAYETTE	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
MYRTMOXA	1885	MO	OREGON	Non Competitive
MYSTIAXO	1178	IA	APPANOOSE	Competitive
MYVLGAXA	0357	GA	JACKSON	Competitive - Grandfathered
MYVLOKXA	1165	OK	GARVIN	Non Competitive
NANCKYXA	9690	KY	PULASKI	Non Competitive
NBCYNEXL	1568	NE	OTOE	Competitive
NBTNTXXB	1163	TX	BOWIE	Non Competitive
NCHLIAXO	1178	IA	MUSCATINE	Competitive
NCNATXXA	2153	TX	MONTAGUE	Non Competitive
NCSNGAXA	0357	GA	JACKSON	Competitive - Grandfathered
NCVLKYXA	9690	KY	JESSAMINE	Competitive
NEMHNEXL	1568	NE	NEMAHA	Competitive
NEVDIAXC	1167	IA	STORY	Competitive
NGLYTXXA	1181	TX	RED RIVER	Non Competitive
NHFRMOXA	1885	MO	PIKE	Non Competitive
NHTNIAXC	1170	IA	CHICKASAW	Competitive
NHWKNEXL	1568	NE	CASS	Non Competitive
NLSNNEXL	1568	NE	NUCKOLLS	Non Competitive
NLVLMOXA	1885	MO	BUTLER	Non Competitive
NMRDARXA	1691	AR	PERRY	Non Competitive
NOBLGAXA	4425	GA	WALKER	Competitive
NPLSOHXA	0665	OH	LUCAS	Competitive
NPLSTXXA	1163	TX	MORRIS	Non Competitive
NRFDOHXA	0666	OH	SUMMIT	Competitive
NRMNARXA	1691	AR	MONTGOMERY	Non Competitive
NRMNTXXA	1181	TX	LEON	Non Competitive
NRPKGAXA	4332	GA	COLQUITT	Competitive
NRVLOHXA	0665	OH	LORAIN	Competitive
NRWDNCXA	0476	NC	STANLY	Competitive
NSVLGAXA	4332	GA	BERRIEN	Competitive
NWAXPAXN	0176	PA	WESTMORELAND	Competitive - Grandfathered
NWBHPAXN	0176	PA	CLARION	Competitive
NWBYOHXA	0666	OH	GEAUGA	Competitive
NWFPPAXN	0176	PA	GREENE	Non Competitive
NWLLIAXO	1178	IA	BUENA VISTA	Competitive
NWLNIAXO	1178	IA	HENRY	Competitive
NWLNNCXA	0474	NC	STANLY	Competitive
NWRKOHXA	0665	OH	LICKING	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
NWRKOHXB	0665	OH	LICKING	Competitive
NWRKOHXC	0665	OH	LICKING	Competitive
NWRKOHXD	0665	OH	LICKING	Competitive
NWSHIAXO	1170	IA	MAHASKA	Competitive
NWSLNCXA	0476	NC	UNION	Competitive
NWTNIAXC	1170	IA	JASPER	Competitive
NWTNTXXA	1181	TX	NEWTON	Non Competitive
NWVNIAXP	1167	IA	DUBUQUE	Competitive
NWVRIAXO	1178	IA	WARREN	Competitive
NYLRMOXX	1885	MO	RIPLEY	Non Competitive
NZLHTXXA	1181	TX	MADISON	Non Competitive
NZRTTXXA	1181	TX	CASTRO	Competitive
OCHYIAXP	1167	IA	OSCEOLA	Competitive
OCLLGAXA	4332	GA	IRWIN	Competitive
OCTVNEXL	1568	NE	BUTLER	Non Competitive
ODENARXA	1691	AR	MONTGOMERY	Non Competitive
ODUMGAXA	4425	GA	WAYNE	Competitive
ODVLALXA	0302	AL	ST CLAIR	Non Competitive
OHIWNEXL	1568	NE	FILLMORE	Competitive
OJCLNMXC	1193	NM	TAOS	Non Competitive
OKBONCXA	0474	NC	STANLY	Competitive
OKGVARXA	1691	AR	CARROLL	Competitive
OKLNARXA	1691	AR	CLARK	Non Competitive
OKVLIAXO	1178	IA	LOUISA	Competitive
OKWDTXXA	1181	TX	LEON	Non Competitive
OLDSIAXO	1178	IA	HENRY	Competitive
OLHLKYXA	9690	KY	CARTER	Competitive - Grandfathered
OLIVNCXA	0476	NC	HARNETT	Competitive
OLLIIAXO	1178	IA	KEOKUK	Non Competitive
OLNYMOXA	1885	MO	LINCOLN	Competitive
OLTWNCXA	0476	NC	FORSYTH	Competitive
OLWSOHXA	0666	OH	GUERNSEY	Competitive
ONEDKYXA	9691	KY	CLAY	Competitive
ONG NEXL	1568	NE	CLAY	Non Competitive
ORLATXXA	1181	TX	REEVES	Non Competitive
ORNTIAXP	1167	IA	ADAIR	Non Competitive
ORSPFLXA	0336	FL	MARION	Competitive
OSCLIAXD	1167	IA	CLARKE	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
OSCLNEXL	1568	NE	POLK	Non Competitive
OTLYIAXO	1178	IA	MARION	Non Competitive
OTOENEXL	1568	NE	OTOE	Competitive
OWVLKYXA	9690	KY	BATH	Competitive
OXFRIAXP	1167	IA	JOHNSON	Competitive
OXLYMOXA	1885	MO	RIPLEY	Non Competitive
PADNOKXA	1165	OK	OKFUSKEE	Competitive
PANMIAXO	1167	IA	SHELBY	Competitive
PANMNEXL	1568	NE	LANCASTER	Competitive
PANMNYXA	0109	NY	CHAUTAUQUA	Competitive
PASNMOXX	1885	MO	WAYNE	Non Competitive
PAVOGAXA	4332	GA	THOMAS	Competitive
PCKRNEXL	1568	NE	GAGE	Competitive
PCLDNCXA	0476	NC	ANSON	Competitive
PCWDIAXO	1178	IA	JEFFERSON	Competitive
PDMTMOXX	1885	MO	WAYNE	Non Competitive
PECSTXXA	1181	TX	REEVES	Non Competitive
PECSTXXB	1181	TX	REEVES	Non Competitive
PELLIAXO	1178	IA	MARION	Non Competitive
PEORIAXO	1178	IA	MAHASKA	Competitive
PERSIAXP	1167	IA	HARRISON	Non Competitive
PERUIAXO	1178	IA	MADISON	Competitive
PERUNEXL	1568	NE	NEMAHA	Competitive
PHNXNYXA	0106	NY	OSWEGO	Competitive
PIRPOHXA	0666	OH	ASHTABULA	Competitive
PITSGAXA	4425	GA	WILCOX	Non Competitive
PKCYOKXA	1965	OK	CARTER	Non Competitive
PLANIAXO	1178	IA	APPANOOSE	Competitive
PLDLNEXL	1568	NE	SEWARD	Competitive
PLHLOHXA	0665	OH	MIAMI	Competitive
PLHPMOXA	1885	MO	POLK	Non Competitive
PLLNIAXO	1178	IA	O'BRIEN	Competitive
PLMONEXL	1568	NE	JEFFERSON	Competitive
PLMYNEXL	1568	NE	OTOE	Competitive
PLNGOHXA	0665	OH	PAULDING	Competitive
PLNSTXXA	2153	TX	YOAKUM	Non Competitive
PLTSNEXL	1568	NE	CASS	Non Competitive
PLXYTXXA	2153	TX	HOOD	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
PMCYIAXO	1178	IA	WAYNE	Non Competitive
PMRYIAXO	1167	IA	CALHOUN	Competitive
PNBLNCXA	0476	NC	MOORE	Competitive
PNDRGAXA	0357	GA	JACKSON	Competitive - Grandfathered
PNDRMOXA	1885	MO	RIPLEY	Non Competitive
PNFDPAXB	0176	PA	CLEARFIELD	Competitive
PNGBARXA	1691	AR	WHITE	Non Competitive
PNHDTXXA	1163	TX	CARSON	Non Competitive
PNLCKYXE	9690	KY	MADISON	Competitive
PNLDTXXA	1181	TX	SABINE	Non Competitive
PNSLOHXA	0666	OH	SUMMIT	Competitive
PNTNTXXA	1181	TX	TRINITY	Non Competitive
PNVWGAXA	4425	GA	WILCOX	Non Competitive
POLKMOXA	1885	MO	POLK	Non Competitive
POLKNEXL	1568	NE	POLK	Non Competitive
POSTTXXA	1163	TX	GARZA	Non Competitive
POTEOKXA	2011	OK	LE FLORE	Non Competitive
PRAGOKXA	1165	OK	LINCOLN	Competitive
PRCLOKXA	1165	OK	MCCLAIN	Non Competitive
PRCVIAXO	1167	IA	FREMONT	Non Competitive
PRCYKYXA	9691	KY	BARREN	Competitive
PRDNTXXA	1181	TX	NAVARRO	Non Competitive
PRDYMOXA	1885	MO	BARRY	Competitive
PRHLTXXA	2147	TX	LIMESTONE	Non Competitive
PRMGIAXP	1167	IA	O'BRIEN	Competitive
PRMNOHXA	0666	OH	GEAUGA	Competitive
PRMRIAXO	1178	IA	LEE	Competitive
PRNTMSXA	0453	MS	JEFFERSON DAVIS	Competitive
PRRTGAXA	4332	GA	TERRELL	Competitive
PRRYARXA	1691	AR	PERRY	Non Competitive
PRRYGAXA	4332	GA	HOUSTON	Competitive
PRRYOHXA	0666	OH	LAKE	Competitive
PRSCIAXO	1167	IA	ADAMS	Non Competitive
PRTVIAXO	1167	IA	HOWARD	Competitive
PRVIARXA	1691	AR	GRANT	Non Competitive
PRVLARXA	1691	AR	PERRY	Non Competitive
PSGHIAXO	1167	IA	HARRISON	Non Competitive
PSTNGAXA	4332	GA	WEBSTER	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
PSVLIAXO	1178	IA	MARION	Non Competitive
PTBGMOXX	1885	MO	DAVIESS	Competitive
PTBGTXXA	1163	TX	HALE	Non Competitive
PTEROKXC	1165	OK	WAGONER	Competitive
PTMOIAXP	1167	IA	SHELBY	Competitive
PTMTPAXP	0176	PA	CENTRE	Competitive
PTNMTXXA	1181	TX	CALLAHAN	Competitive - Grandfathered
PTSNIAXO	1178	IA	CLAY	Competitive
PWCYNEXL	1568	NE	PAWNEE	Competitive
PWPNOHXA	0666	OH	BELMONT	Non Competitive
PYTNTXXA	1163	TX	OCHILTREE	Non Competitive
PYVLMNXP	1414	MN	STEARNS	Competitive
QKCYOHXA	0666	OH	GUERNSEY	Competitive
QTMNARXA	1691	AR	CLEBURNE	Non Competitive
QTMNGAXA	4332	GA	BROOKS	Non Competitive
RAFRFLXA	0336	FL	UNION	Non Competitive
RALSTXXA	1163	TX	CROSBY	Competitive
RAMNOKXA	1165	OK	WASHINGTON	Competitive
RBCCGAXA	4425	GA	TURNER	Non Competitive
RCCKOHXA	0666	OH	ASHTABULA	Competitive
RCCYIAXC	1167	IA	CALHOUN	Competitive
RCFDOHXA	0666	OH	SUMMIT	Competitive
RCHEGAXA	4425	GA	WILCOX	Non Competitive
RCKTIAXO	1178	IA	CRAWFORD	Competitive
RCLDIAXO	1178	IA	KEOKUK	Non Competitive
RCLDTXXA	1181	TX	NAVARRO	Non Competitive
RCYVPAXR	0176	PA	WASHINGTON	Competitive
RDDWNMXC	1193	NM	LINCOLN	Competitive
RDFDIAXO	1167	IA	DALLAS	Competitive
RDNGIAXO	1178	IA	RINGGOLD	Non Competitive
RDVLGAXA	4425	GA	TATTNALL	Non Competitive
RDVLOHXA	0666	OH	MEIGS	Non Competitive
RDWRTXXA	1181	TX	BOWIE	Non Competitive
RGRSTXXA	1181	TX	BELL	Competitive
RGWYPAXR	0176	PA	ELK	Competitive
RHINGAXA	4425	GA	DODGE	Competitive
RIVSTXXA	2153	TX	JOHNSON	Competitive
RKLDPAXR	0176	PA	VENANGO	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
RKLWTXXA	1181	TX	CHEROKEE	Non Competitive
RLTNIAXO	1167	IA	CARROLL	Competitive
RMBGPAXR	0176	PA	CLARION	Competitive
RMBRIAXO	1178	IA	BUENA VISTA	Competitive
RNBCIAXO	1167	IA	GRUNDY	Non Competitive
RNCNGAXA	4425	GA	EFFINGHAM	Competitive
RNDAIAXO	1178	IA	FAYETTE	Competitive
RNDHIAXO	1167	IA	FREMONT	Non Competitive
RNDHNYXA	0109	NY	CATTARAUGUS	Competitive
RNDLIAXO	1167	IA	HAMILTON	Competitive
RNGLTXXA	2153	TX	MONTAGUE	Non Competitive
ROCHIAXO	1170	IA	CEDAR	Competitive
ROCHTXXA	1163	TX	HASKELL	Competitive
ROLDIAXP	1167	IA	STORY	Competitive
ROLFIAXO	1167	IA	POCAHONTAS	Competitive
RPPYIAXO	1167	IA	GREENE	Non Competitive
RPVLTXXA	1163	TX	HOCKLEY	Competitive
RRHLNCXA	0476	NC	FORSYTH	Competitive
RRVLPAXR	0176	PA	GREENE	Non Competitive
RRVYPAXR	0176	PA	ARMSTRONG	Non Competitive
RSBDARXA	1691	AR	WHITE	Non Competitive
RSBDTXXA	1181	TX	FALLS	Non Competitive
RSCYNEXL	1568	NE	BUTLER	Non Competitive
RSELTXXA	1181	TX	MCLENNAN	Competitive
RSKNNEXL	1568	NE	NUCKOLLS	Non Competitive
RSSLIAXO	1178	IA	LUCAS	Competitive
RSSLKYXB	9690	KY	GREENUP	Competitive
RSSLOHXA	0666	OH	GEAUGA	Competitive
RSSTTXXA	1181	TX	EASTLAND	Non Competitive
RSVTOKXA	1965	OK	KIOWA	Non Competitive
RTCYOKXA	1965	OK	CARTER	Non Competitive
RTVLMOXX	1885	MO	CHARITON	Non Competitive
RUDDARXA	1691	AR	CARROLL	Competitive
RUDSNMXA	1193	NM	LINCOLN	Competitive
RUDSNMXC	1193	NM	LINCOLN	Competitive
RULETXXA	1163	TX	HASKELL	Competitive
RVSDIAXO	1178	IA	WASHINGTON	Competitive
RVTNIAXP	1167	IA	FREMONT	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
RWLYIAXO	1178	IA	BUCHANAN	Non Competitive
RYANIAXO	1167	IA	DELAWARE	Competitive
RYCYGAXB	4332	GA	BERRIEN	Competitive
RYMNNEXL	1568	NE	LANCASTER	Competitive
RYVLGAXA	4425	GA	SEMINOLE	Non Competitive
SABLIAXP	1170	IA	JACKSON	Non Competitive
SAEGPAXS	0176	PA	CRAWFORD	Competitive
SALMIAXO	1178	IA	HENRY	Competitive
SAVLPAXS	0176	PA	CLARION	Competitive
SCHLKYXA	9691	KY	PULASKI	Non Competitive
SCHSGAXA	0386	GA	UNION	Non Competitive
SCHSIAXO	1178	IA	CRAWFORD	Competitive
SCRVGAXA	4425	GA	WAYNE	Competitive
SCRYTXXA	2153	TX	KAUFMAN	Competitive - Grandfathered
SCVLKYXA	9690	KY	ALLEN	Non Competitive
SDNYIAXP	1167	IA	FREMONT	Non Competitive
SFRCARXA	1691	AR	PERRY	Non Competitive
SGLDTXXD	2147	TX	FORT BEND	Competitive
SGLDTXXE	2147	TX	FORT BEND	Competitive
SGRNIAXP	1167	IA	KEOKUK	Non Competitive
SGRVTXXA	1163	TX	GAINES	Competitive
SHBGKYXA	9690	KY	BATH	Competitive
SHCKNEXL	1568	NE	FILLMORE	Competitive
SHCYIAXO	1178	IA	UNION	Competitive
SHDNKYXA	9690	KY	HARDIN	Competitive
SHFDPAXS	0176	PA	WARREN	Competitive
SHKVPAXS	0176	PA	MERCER	Competitive
SHLBIAXO	1170	IA	POTTAWATTAMIE	Competitive
SHLBNEXL	1568	NE	POLK	Non Competitive
SHLWTXXA	1163	TX	LUBBOCK	Competitive - Grandfathered
SHMNGAXA	4332	GA	RANDOLPH	Competitive
SHPVKYXA	0402	KY	BULLITT	Competitive
SHRDARXA	1691	AR	GRANT	Non Competitive
SHRVNYXA	0113	NY	ONTARIO	Competitive
SIGLPAXS	0176	PA	JEFFERSON	Non Competitive
SILXMOXA	1885	MO	LINCOLN	Competitive
SKTNMOXA	1885	MO	CEDAR	Non Competitive
SLCMTXXA	1181	TX	ANDERSON	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
SLIGPAXS	0176	PA	CLARION	Competitive
SLLCKYXA	9690	KY	BATH	Competitive
SLTRIAXO	1167	IA	STORY	Competitive
SLVLNCXA	0476	NC	FORSYTH	Competitive
SMGVKYXA	9691	KY	WARREN	Competitive
SMLDKYXA	9691	KY	LIVINGSTON	Non Competitive
SMMSTXXA	1181	TX	BOWIE	Non Competitive
SMNRIAXO	1170	IA	BREMER	Competitive
SMNRMOXA	1885	MO	CHARITON	Non Competitive
SMNTNCXA	0483	NC	DAVIDSON	Competitive
SMPTTXXA	2153	TX	GALVESTON	Competitive
SMRTKYXA	9690	KY	PULASKI	Non Competitive
SMVLOKXA	1965	OK	MCCURTAIN	Non Competitive
SMYRTXXA	1163	TX	HOCKLEY	Competitive
SNCVNYXA	0109	NY	CHAUTAUQUA	Competitive
SNDWTXXA	1163	TX	HOCKLEY	Competitive
SNDYTXXA	2147	TX	LIMESTONE	Non Competitive
SNFRNCXA	0476	NC	LEE	Competitive
SNFRTXXA	1181	TX	HUTCHINSON	Non Competitive
SNGHOKXA	1165	OK	WAGONER	Competitive
SNLKPAXS	0176	PA	MERCER	Competitive
SNRYTXXA	1181	TX	MOORE	Non Competitive
SNYDOKXA	1965	OK	KIOWA	Non Competitive
SNYSNMXC	1193	NM	SANDOVAL	Competitive
SOCYMOXA	1885	MO	LAWRENCE	Non Competitive
SOLNIAXO	1178	IA	JOHNSON	Competitive
SOVLKYXA	9691	KY	PULASKI	Non Competitive
SPDETXXA	1163	TX	LAMB	Non Competitive
SPFDGAXA	4425	GA	EFFINGHAM	Competitive
SPFTTXXA	2153	TX	MONTAGUE	Non Competitive
SPGGPAXS	0176	PA	GREENE	Non Competitive
SPMNTXXA	1163	TX	HANSFORD	Non Competitive
SPRKARXA	1691	AR	DALLAS	Non Competitive
SPRRNEXL	1568	NE	NUCKOLLS	Non Competitive
SPVLALXA	0302	AL	ST CLAIR	Non Competitive
SPVLPAXS	0176	PA	CLARION	Competitive
SRBLTXXA	1181	TX	HUDSPETH	Non Competitive
SRFRTXXA	1163	TX	SHERMAN	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
SRPSNEXL	1568	NE	BUTLER	Non Competitive
SSHRKYXA	9690	KY	GREENUP	Competitive
SSSRGAXA	4332	GA	TERRELL	Competitive
STANIAXO	1167	IA	MITCHELL	Competitive
STBGNEXL	1568	NE	POLK	Non Competitive
STBGNYXA	0109	NY	CATTARAUGUS	Competitive
STCYIAXP	1167	IA	STORY	Competitive
STCYMOXA	1885	MO	NEWTON	Competitive
STCYNEXL	1568	NE	JEFFERSON	Competitive
STEZMOXA	1885	MO	MILLER	Competitive
STGRGAXA	4425	GA	CHARLTON	Competitive
STLCIAXO	1178	IA	FAYETTE	Competitive
STLSOHXA	0665	OH	LICKING	Competitive
STLSOKXA	1165	OK	POTTAWATOMIE	Competitive
STMNNYXA	0109	NY	CHAUTAUQUA	Competitive
STMNTXXA	1181	TX	FREESTONE	Non Competitive
STMTSCXA	0517	SC	CALHOUN	Non Competitive
STMYPAXS	0176	PA	ELK	Competitive
STNGNEXL	1568	NE	JOHNSON	Competitive
STNGOKXA	1965	OK	COMANCHE	Competitive - Grandfathered
STNRNEXL	1568	NE	PAWNEE	Competitive
STPLARXA	1691	AR	MADISON	Non Competitive
STPNIAXP	1167	IA	CLAYTON	Competitive
STPROHXA	0665	OH	CHAMPAIGN	Competitive
STRDOKXA	1165	OK	LINCOLN	Competitive
STTNNEXL	1568	NE	CLAY	Non Competitive
STTWOKXA	1965	OK	ATOKA	Non Competitive
STVLIAXO	1167	IA	MITCHELL	Competitive
STVRMOXA	1885	MO	MORGAN	Non Competitive
STWDIAXO	1170	IA	CEDAR	Competitive
STWLOKXA	2011	OK	ADAIR	Non Competitive
SUVLGAXA	4332	GA	CHATTOOGA	Competitive
SUVLPAXS	0176	PA	JEFFERSON	Non Competitive
SVNNOKXA	1965	OK	PITTSBURG	Non Competitive
SWCYIAXO	1167	IA	KOSSUTH	Competitive
SWNYTXXA	2147	TX	BRAZORIA	Competitive
SWRDNEXL	1568	NE	SEWARD	Competitive
SWTNARXA	1691	AR	JACKSON	Non Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
SWTNNEXL	1568	NE	SALINE	Competitive
SYMRIAXO	1178	IA	WAYNE	Non Competitive
SYMRTXXA	1163	TX	BAYLOR	Competitive
SYRCNEXL	1568	NE	OTOE	Competitive
SYVNGAXA	4425	GA	SCREVEN	Competitive
TABRIAXO	1167	IA	FREMONT	Non Competitive
TAMRNEXL	1568	NE	SEWARD	Competitive
TBRKNEXL	1568	NE	PAWNEE	Competitive
TCMNARXA	1691	AR	JACKSON	Non Competitive
TCMSNEXL	1568	NE	JOHNSON	Competitive
TCMSOKXB	1165	OK	POTTAWATOMIE	Competitive
TFFNIAXO	1167	IA	JOHNSON	Competitive
THCNTXXA	2147	TX	LIMESTONE	Non Competitive
THKATXXA	1163	TX	LYNN	Competitive
THRKTXXA	1163	TX	THROCKMORTON	Non Competitive
THRMIAXP	1167	IA	FREMONT	Non Competitive
THSNOHXA	0666	OH	GEAUGA	Competitive
THTNGAXA	4425	GA	UPSON	Competitive
THTNGAXB	4425	GA	UPSON	Competitive
TLARTXXA	2153	TX	HOOD	Competitive
TLBOKYXA	9690	KY	LEWIS	Non Competitive
TLIATXXA	1181	TX	SWISHER	Non Competitive
TLMGNEXL	1568	NE	OTOE	Competitive
TMBLOHXA	0666	OH	ASHTABULA	Competitive
TMBLPAXT	0176	PA	JEFFERSON	Non Competitive
TMTNPAXT	0176	PA	ARMSTRONG	Non Competitive
TMVLKYXA	9690	KY	MONROE	Competitive
TNGLIAXO	1178	IA	RINGGOLD	Non Competitive
TNHATXXA	1181	TX	SHELBY	Non Competitive
TNHLGAXA	4332	GA	WHITFIELD	Competitive
TOBSNEXL	1568	NE	SALINE	Competitive
TOCCGAXA	4332	GA	STEPHENS	Non Competitive
TOLDIAXO	1167	IA	TAMA	Competitive
TOYHTXXA	1181	TX	REEVES	Non Competitive
TPTNIAXO	1170	IA	CEDAR	Competitive
TRACIAXO	1178	IA	MARION	Non Competitive
TRAMNMXC	1193	NM	RIO ARRIBA	Competitive
TRARIAXO	1167	IA	TAMA	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
TRCHNMXC	1193	NM	RIO ARRIBA	Competitive
TRCNNMXB	1193	NM	SIERRA	Non Competitive
TRCNNMXC	1193	NM	SIERRA	Non Competitive
TRINGAXA	4332	GA	CHATTOOGA	Competitive
TRMLIAXO	1167	IA	LINN	Competitive
TRNTTXXA	1181	TX	TAYLOR	Competitive - Grandfathered
TRNYTXXA	1163	TX	TRINITY	Non Competitive
TRYNNCXA	0476	NC	POLK	Competitive
TUVLPAXT	0176	PA	NORTHUMBERLAND	Non Competitive
TWBGOHXA	0666	OH	SUMMIT	Competitive
TWVLPAXT	0176	PA	CRAWFORD	Competitive
TXRKTXXA	1163	TX	BOWIE	Non Competitive
TXRKTXXB	1163	TX	BOWIE	Non Competitive
UMPRARXA	1691	AR	HOWARD	Non Competitive
UNADGAXA	4332	GA	DOOLY	Competitive
UNADNEXL	1568	NE	OTOE	Competitive
UNCTTXXA	1181	TX	HARRISON	Competitive - Grandfathered
UNINNEXL	1568	NE	CASS	Non Competitive
UNPNGAXA	0357	GA	GREENE	Non Competitive
UNSTMOXA	1885	MO	DEKALB	Competitive
UNTWKYXA	9691	KY	UNION	Non Competitive
UNVLIAXO	1178	IA	APPANOOSE	Competitive
UTE IAXO	1178	IA	MONONA	Competitive
UTICNEXL	1568	NE	SEWARD	Competitive
UVLDGAXA	4425	GA	MONTGOMERY	Non Competitive
VAILIAXO	1178	IA	CRAWFORD	Competitive
VANDMOXA	1885	MO	AUDRAIN	Competitive
VEGATXXA	1181	TX	OLDHAM	Non Competitive
VELMOKXA	1965	OK	STEPHENS	Non Competitive
VHRNTXXA	1181	TX	CULBERSON	Non Competitive
VIANOKXA	2011	OK	SEQUOYAH	Non Competitive
VICCKYXA	9690	KY	PERRY	Competitive
VILNARXA	1691	AR	FAULKNER	Competitive
VLCTNMXC	1193	NM	SIERRA	Non Competitive
VLMLTXXA	2153	TX	BOSQUE	Non Competitive
VLNTTXXA	1181	TX	JEFF DAVIS	Non Competitive
VLNWGAXA	4425	GA	WALKER	Competitive
VLPRNEXL	1568	NE	SAUNDERS	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
VLRDNMXC	1193	NM	RIO ARRIBA	Competitive
VNBGKYXA	9690	KY	LEWIS	Non Competitive
VOLGIAXO	1167	IA	CLAYTON	Competitive
VRNAMOXA	1885	MO	LAWRENCE	Non Competitive
VRSLKYXA	9690	KY	WOODFORD	Competitive
WACMIAXO	1178	IA	FAYETTE	Competitive
WACONEXL	1568	NE	YORK	Competitive
WADNIAXP	1167	IA	FAYETTE	Competitive
WAHONEXL	1568	NE	SAUNDERS	Competitive
WALDFLXA	0336	FL	ALACHUA	Competitive
WASHIAXO	1167	IA	WASHINGTON	Competitive
WASHKYXA	9691	KY	MASON	Non Competitive
WASHOKXA	1165	OK	MCCLAIN	Non Competitive
WAYNOKXA	1165	OK	MCCLAIN	Non Competitive
WCHSIAXO	1167	IA	WASHINGTON	Competitive
WCKSARXA	1691	AR	POLK	Non Competitive
WDBIIAXO	1167	IA	HARRISON	Non Competitive
WDBONCXA	0476	NC	ANSON	Competitive
WDLDGAXA	4332	GA	TALBOT	Non Competitive
WEDVPAXW	0176	PA	ELK	Competitive
WFRKARXA	1691	AR	WASHINGTON	Competitive
WGNROKXD	1165	OK	WAGONER	Competitive
WGRMNCXA	0476	NC	SCOTLAND	Competitive
WGTNTXXA	1163	TX	COLLINGSWORTH	Non Competitive
WHCHIAXO	1167	IA	KEOKUK	Non Competitive
WHDRTXXA	1163	TX	CARSON	Non Competitive
WHFCTXXA	1163	TX	COCHRAN	Competitive
WHLLKYXA	9691	KY	PULASKI	Non Competitive
WHLRTXXA	1163	TX	WHEELER	Non Competitive
WHPLGAXA	0357	GA	GREENE	Non Competitive
WHSPFLXA	0336	FL	HAMILTON	Non Competitive
WHTNMOXA	1885	MO	BARRY	Competitive
WHTYTXXA	1181	TX	HILL	Non Competitive
WLBGIAXO	1167	IA	IOWA	Non Competitive
WLBRFLXA	0336	FL	SUWANNEE	Non Competitive
WLBRNEXL	1568	NE	SALINE	Competitive
WLCMNCXA	0483	NC	DAVIDSON	Competitive
WLCXPAXW	0176	PA	ELK	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
WLDRTXXA	1181	TX	OLDHAM	Non Competitive
WLFTTXXA	1163	TX	LUBBOCK	Competitive - Grandfathered
WLKRIAXO	1167	IA	LINN	Competitive
WLMRKYXA	9690	KY	JESSAMINE	Competitive
WLMTARXA	1691	AR	ASHLEY	Non Competitive
WLSNTXXA	1163	TX	LYNN	Competitive
WLVLTXXA	2153	TX	CHAMBERS	Non Competitive
WMSNIAXO	1178	IA	LUCAS	Competitive
WNDRGAXA	4332	GA	BARROW	Competitive
WNFDIAXO	1178	IA	HENRY	Competitive
WNGTNCXA	0476	NC	UNION	Competitive
WNNETXXA	2153	TX	CHAMBERS	Non Competitive
WNRTTXXA	1163	TX	HASKELL	Competitive
WNSPTXXA	1181	TX	BOSQUE	Non Competitive
WNTNMOXA	1885	MO	DAVIESS	Competitive
WNVLGAXA	0357	GA	CLARKE	Competitive
WOTNIAXP	1167	IA	DUBUQUE	Competitive
WOTNPAXW	0176	PA	ARMSTRONG	Non Competitive
WPLLIAXO	1178	IA	LOUISA	Competitive
WPPLMOXX	1885	MO	WAYNE	Non Competitive
WPWRNEXL	1568	NE	CASS	Non Competitive
WRDVOKXA	1965	OK	ATOKA	Non Competitive
WRMRPAXW	0176	PA	HUNTINGDON	Competitive
WRSPGAXA	4332	GA	MERIWETHER	Non Competitive
WSBGIAXO	1170	IA	GRUNDY	Non Competitive
WSFRPAXW	0176	PA	CRAWFORD	Competitive
WSPFPAXW	0176	PA	ERIE	Competitive
WSPNIAXP	1178	IA	LEE	Competitive
WSTRNEXL	1568	NE	SALINE	Competitive
WSTROKXA	2011	OK	LE FLORE	Non Competitive
WSVLMOXA	1885	MO	WAYNE	Non Competitive
WTRLTXXA	1163	TX	HOCKLEY	Competitive
WTSPARXA	1691	AR	SEARCY	Non Competitive
WTTWPAXW	0176	PA	NORTHUMBERLAND	Non Competitive
WTWDTXXA	2147	TX	SAN JACINTO	Non Competitive
WVRLNEXL	1568	NE	LANCASTER	Competitive
WWFDNYXA	0106	NY	HERKIMER	Competitive
WXHWNCXA	0476	NC	UNION	Competitive

7.14 COMPETITIVE VS NON COMPETITIVE OFFICE LISTING (CONT'D)

Wire Center	OCN	State	County	County Classification
WYBGPAXW	0176	PA	GREENE	Non Competitive
WYMRNEXL	1568	NE	GAGE	Competitive
YNHRGAXA	0386	GA	TOWNS	Non Competitive
YORKNEXL	1568	NE	YORK	Competitive
YTVLGAXA	4425	GA	UPSON	Competitive
YUTNNEXL	1568	NE	SAUNDERS	Competitive
ZMMNMNXA	1482	MN	SHERBURNE	Competitive
ZNTNKYXA	0402	KY	BULLITT	Competitive
ZVLATXXA	1181	TX	ANGELINA	Non Competitive

8. RESERVED FOR FUTURE USE

9. RESERVED FOR FUTURE USE

10. RESERVED FOR FUTURE USE

11. Special Facilities Routing of Access Services

11.1 Description

The services provided under this guidebook are provided over such routes and facilities as the Telephone Company may elect. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Telephone Company provides Special Access Service in a manner which includes one or more of the conditions provided in 11.1.1 through 11.1.4 following.

Avoidance and Diversity are available on Special Access Services as set forth in 7.6 preceding.

In order to avoid the compromise of special routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The rates and charges for Special Facilities Routing of Access Services are developed on an individual case basis. Such rates and charges for Special Facilities Routing of Access Services are as set forth in 17.2.6 following and are in addition to all other rates and charges that may be applicable for services provided under other sections of this guidebook.

11.1.1 Diversity

Two or more circuits must be provided over not more than two different physical routes.

11.1.2 Avoidance

A circuit(s) must be provided on a route which avoids specified geographical locations.

11.1.3 Diversity and Avoidance Combined

A service must be provided in accordance with 11.1.1 and 11.1.2 preceding, combined.

12. RESERVED FOR FUTURE USE

13. Additional Engineering, Additional Labor and Miscellaneous Services

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours. Basic time is that time during normally scheduled working hours on scheduled work days. Premium time is that time outside of normally scheduled working days.

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. Work subject to premium time is always subject to a minimum charge of four hours.

A Miscellaneous Service Order charge as described in 5.4.2 preceding may be applicable to services ordered from this section.

13.1 Additional Engineering

Additional Engineering, including engineering reviews as set forth in 5.4.3 preceding, will be undertaken only after the Telephone Company has notified the customer that additional engineering charges apply as set forth in 17.2.2 following, and the customer agrees to such charges.

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

(A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 7.1.6 preceding.

(B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.1.2 preceding.

(C) A customer requested Design Change requires the expenditure of additional engineering time. Such additional engineering time is incurred by the Telephone Company for the engineering review as set forth in 5.4.3(B) preceding. The charge for additional engineering time relating to the engineering review, which is undertaken to determine if a design change is indeed required, will apply whether or not the customer authorizes the Telephone Company to proceed with the Design Change. In this case the Design Change charge, as set forth in 17.2.1(C) following, does not apply unless the customer authorizes the Telephone Company to proceed with the Design Change.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor

Additional Labor is that labor requested by the customer on a given service and agreed to by the Telephone Company as set forth in 13.2.1 through 13.2.5 following. The Telephone Company will notify the customer that additional labor charges as set forth in 17.2.3 following will apply before any additional labor is undertaken. When provisioning or restoring Telecommunications Service Priority services, the Telephone Company will, when possible, notify the customer of the applicability of these Additional Labor charges.

13.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of normally scheduled working hours.

13.2.2 Overtime Repair

Overtime repair is that Telephone Company effort performed outside of normally scheduled working hours.

13.2.3 Stand by

Stand by includes all time in excess of one-half (1/2) hour during which Telephone Company personnel stand by to make installation acceptance tests or cooperative tests with a customer to verify facility repair on a given service.

13.2.4 Testing and Maintenance with Other Telephone Companies

Additional testing, maintenance or repair of facilities which connect other telephone companies is that which is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

13.2.5 Other Labor

Other labor is that additional labor not included in 13.2.1 through 13.2.4 preceding and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services

13.3.1 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 17.2.4(A) following. 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. Other testing services, as described in 7.1.7 preceding, are provided by the Telephone Company in association with Access Services and are furnished at no additional charge.

Testing services are normally provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in (B)(2) following for a customer to request Telephone Company personnel to perform testing services at the customer designated premises.

The offering of Testing Services 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) and (B) following.

(B) Special Access Service

The Telephone Company will provide assistance in performing specific tests requested by the customer.

(1) Additional Cooperative Acceptance Testing

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the Telephone Company will provide a technician at the customer's premises or at the end user premises. These tests may, for example, consist of the following:

- Attenuation Distortion (i.e., frequency response)
- Intermodulation Distortion (i.e., harmonic distortion)
- Phase Jitter
- Impulse Noise
- Envelope Delay Distortion
- Echo Control
- Frequency Shift

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(B) Special Access Service (Cont'd)

(2) Additional Manual Testing

The Telephone Company will provide a technician at its premises, and the Telephone Company or customer will provide a technician at the customer's designated premises with suitable test equipment to perform the requested tests.

(3) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at time mutually agreed upon.

13.3.2 Maintenance of Service

(A) When a customer reports a trouble to the Telephone Company for clearance and no trouble is found in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge as set forth in 17.2.4(A) following for the period of time from when Telephone Company personnel are dispatched, at the request of the customer, to the customer designated premises to when the work is completed. 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.

(B) The customer shall be responsible for payment of a Maintenance of Service charge when the Telephone Company dispatches personnel to the customer designated premises, 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.

In either (A) or (B) preceding, no credit allowance will be applicable for the interruption involved if the Maintenance of Service Charge applies.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Telecommunications Service Priority - TSP

(A) Priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCSH 3-1-2), and "Telecommunications Service Priority System for National Security Emergency Preparedness Service User Manual" (NCSM 3-1-1).

The TSP System is a service, developed to meet the requirements of the Federal Government, as specified in the Service Vendor's Handbook and Service User's Manual which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. These include both Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

(B) A Telecommunications Service Priority charge applies as set forth in 17.2.4(B) when a request to provide or change a Telecommunications Service Priority is received subsequent to the issuance of an Access Order to install the service.

Additionally, a Miscellaneous Service Order Charge as set forth in 17.2.1(D) will apply to Telecommunications Service Priority requests that are ordered subsequent to the initial installation of the associated access service.

A Telecommunications Service Priority charge does not apply when a Telecommunications Service Priority is discontinued or when ordered coincident with an Access Order to install or change service.

In addition, Additional Labor rates as set forth in 17.2.3 may be applicable when provisioning or restoring Switched or Special Access Services with Telecommunications Service Priority.

When the customer requests an audit or a reconciliation of the Telephone Company's Telecommunications Service Priority records, a Miscellaneous Service Order Charge as set forth in 17.2.1 (D) and Additional Labor rates as set forth in 17.2.3 are applicable.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Miscellaneous Equipment

(A) Controller Arrangement

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.

Charges for the Controller Arrangement are set forth in 17.2.4(C) following.

13.3.5 Provision of Access Service Billing Information

(A) The customer will have the option to receive its cyclic access bill in one of the four formats shown below. Data format conforms to the Bellcore Billing Output Specification (BOS) standards as defined by the Technical Review Group (TRG).

(1) Electronic File Transfer – CABS BOS bill data tape format

(2) Paper - printed bill format

(B) At the option of the customer and for an additional charge, additional copies of the customer's cyclic bill may be provided.

14. RESERVED FOR FUTURE USE

15. Access Service Interfaces and Transmission Specifications

Describes Special Access Service Network Channel (NC) codes and Network Channel Interface (NCI) codes.

15.1 Special Access Service

This section explains and lists the codes that the customer must specify when ordering Special Access Service. These codes provide a standardized means to relate the services being ordered to Special Access Service offerings contained in Section 7. preceding.

When ordering, the type of Special Access Service is described by two code sets, the Network Channel (NC) code and the Network Channel Interface (NCI) codes.

The Network Channel (NC) code consists of two elements. Element one is a Channel Service Code (character positions 1 and 2) that describes the channel service type in an abbreviated form. Element two is an Optional Feature Code (character positions 3 and 4) that identifies option codes available for each channel service code, such as C-conditioning or Improved Return Loss.

The Network Channel Interface (NCI) is used to identify interface specifications associated with a particular channel. This code describes the total wires, protocol, impedance, protocol options and transmission level point(s) reflecting physical and electrical characteristics between the Telephone Company and the customer.

On the following 3 pages are examples which explain the specific characters of the codes and which reference matrices and charts used in developing the codes. Included in the matrices are Service Designator (SD) codes which are used to identify variations of service within service types (e.g., TG1 = Telegraph). The SD and NC codes are displayed as components of the matrices designated as Technical Specifications packages in (A) through (G) following. Through the use of these matrices, SD codes may be converted to NC codes for service ordering purposes.

A chart is also provided in 15.1.2(A) following which contains information necessary to develop NCI codes.

Comprehensive lists of allowed Network Channel (NC) and Network Channel Interface (NCI) codes are contained in Special Report SR-ISD-000307. However, not all services contained in this Special Report may be offered by the Telephone Company at this time.

Lastly, 15.1.2(C) following provides a list of compatible Network Channel Interfaces inasmuch as the Network Channel Interfaces associated with a given service need not always be the same, but all must be compatible.

15. Access Service Interfaces and Transmission Specifications(Cont'd)

15.1 Special Access Service**(Cont'd)**

Example No. 1: If the customer wishes to order a 4-wire voice grade circuit with 600 Ohms impedance, capable of data transmission, and with improved return loss, the customer might specify the following:

NC	NCI	SECNCI
LG-R	04DB2	04DA2-S

NC Code:
LG = Voice Grade Channel Service, VG6
-R = Improved Return Loss

NCI Code:
04 = Number of physical wires at CDP
DB = Data stream in VF frequency band at the customer designated main terminal location
2 = 600 Ohms impedance

SECNCI (Secondary NCI Code):
04 = Number of physical wires at CDP
DA = Data stream in VG frequency at the customer designated secondary terminal location
2 = 600 Ohms impedance
S = Sealing current option for 4-wire transmission

In the above example the NCI (Network Channel Interface) code is the interface requested at the customer's POT (Point of Termination) and the SECNCI (Secondary Network Channel Interface) code represents the interface at the end office serving the End User.

Example No. 2: If the customer wishes to order a FX circuit to a station, with 600 Ohms impedance, loop start signaling, which is 4-wire at the CDP and 2-wire at the end-user, the customer might specify:

NC	NCI	SECNCI
LC--	04LO2	02LS2

NC Code:
LC = Voice Grade Channel Service, VG2
-- = No Optional Features

NCI Code:
04 = Number of physical wires at CDP
LO = Loop start, loop signaling - open end
2 = 600 Ohms impedance

SECNCI (Secondary NCI Code):
02 = Number of physical wires at CDP
LS = Loop start signaling - closed end
2 = 600 Ohms impedance

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

Example No. 3: If the customer wishes to order a 1.544 Mbps Hi-cap facility with no channel options such as CO multiplexing, the customer might specify the following:

NC	NCI	SECNCI
HC--	04DS9-15	04DS9-15

NC Code:
HC = High Capacity Channel Service, HC1
-- = No Optional Features

NCI, SECNCI Code:
04 = Number of physical wires at CDP
DS = Digital hierarchy interface
9 = 100 Ohms impedance
15 = 1.544 Mbps (DS1) format

The preceding three examples use information contained in Special Report SR-ISD-000307.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1.1 Network Channel (NC) Codes

In order to determine the NC code appropriate for the service to be ordered, the type of Special Access Service the customer wishes must be identified. This identification is accomplished by a Service Designator (SD) code. The broad categories of Service Designator codes (e.g., VG, MT, TG, etc.) are set forth in Section 7. preceding. Variations within service type (e.g., VG1, MTC, TG2, etc.) are described in the various Technical Publications cited in (A) through (G) following.

Having determined the specific service type to be ordered and its SD code, and having used the appropriate Technical Publication, the customer should match the SD code to the NC code using the following matrices. Once the NC code has been determined the Network Channel Interface (NCI) code may be developed using the information set forth in 15.1.2 following and the guidelines concerning specific parameters available for each service type as set forth in the specified Technical Publication.

(A) Technical Specifications Packages Metallic Service

	Package			
SD Code	MTC*	MT1	MT2	MT3
NC Code	MQ	NT	NU	NV
Parameter				
DC Resistance Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X
Optional Features and Functions				
Three Premises Bridging	X	X		X
Series Bridging	X		X	

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

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(B) Technical Specifications Packages Telegraph Grade Service

	Package		
SD Code	TGC*	TG1	TG2
NC Code	NQ	NW	NY
Parameter			
Telegraph Distortion	X	X	X
Optional Features and Functions			
Telegraph Bridging	X	X	X

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

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(C) Technical Specifications Packages Voice Grade Service

	Package VG-													
SD Code	C*	1	2	3	4	5	6	7	8	9	10	11	12	W
NC Code	LQ	LB	LC	LD	LE	LF	LG	LH	LJ	LK	LN	LP	LR	SE
Parameter														
Attenuation Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X	X
Envelope Delay Distortion	X						X	X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X	X
Intermodulation Distortion	X						X	X	X	X	X	X		X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain Hits, and Dropouts	X													
Phase Jitter	X						X	X	X	X	X	X		X
Signal-to-C Message Noise						X								
Signal-to-C Notch Noise	X					X	X	X	X	X	X	X	X	X

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

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(C) Technical Specifications Packages Voice Grade Service (Cont'd)

	Package VG-													
SD Code	C*	1	2	3	4	5	6	7	8	9	10	11	12	W
NC Code	LQ	LB	LC	LD	LE	LF	LG	LH	LJ	LK	LN	LP	LR	SE
Optional Features and Functions														
Central Office Bridging Capability	X	X			X	X			X	X	X			
Central Office Multiplexing	X					X								
Conditioning:														
. C-Type	X				X	X	X	X	X	X				
. Improved Attenuation Distortion	X				X	X	X	X	X	X				
. Improved Envelope Delay Distortion	X				X	X	X	X	X	X				
. Sealing Current	X					X								
. Data Capability	X					X	X				X			
. Telephoto Capability	X											X		
Customer Specified Premises Receive Level	X		X	X			X	X	X					
Improved Return Loss for Effective Four-Wire Transmission	X	X	X	X	X	X	X	X	X	X	X	X	X	
For Effective Two-Wire Transmission	X	X	X				X							
Improved Two-Wire Voice Transmission														X
PPSN Interface Arrangement	X								X					
Selective Signaling Arrangement	X	X			X	X			X	X	X			
Signaling Capability	X	X	X	X			X	X	X					
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X		X	X	X
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X	X	X

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(D) Technical Specifications Packages Program Audio Service

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

The technical specifications are described in Technical Reference PUB 62503 and associated Addendum.

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(E) Technical Specifications Packages Video Service

	Package		
SD Code	TVC*	TV1	TV2
NC Code	TQ	TV	TW
Video Parameters			
Insertion Gain	X	X	X
Field-Time Distortion	X	X	X
Line-Time Distortion	X	X	X
Short-Time Distortion	X	X	X
Chrominance-Luminance Gain Inequality	X	X	X
Chrominance-Luminance Delay Inequality	X	X	X
Amplitude/Frequency Characteristic	X	X	X
Luminance Non-Linear Distortion	X	X	X
Chrominance Non-Linear Gain Distortion	X	X	X
Chrominance Non-Linear Phase Distortion	X	X	X
Transient Synchronizing Signal Non-Linearty	X	X	X
Dynamic Gain Distortion			
- Picture Signal	X	X	X
- Synchronizing Signal	X	X	X
Differential Gain	X	X	X
Differential Phase	X	X	X
Chrominance-Luminance Intermodulation	X	X	X

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(E) Technical Specifications Packages Video Service (Cont'd)

		Package	
SD Code	TVC*	TV1	TV2
NC Code	TQ	TV	TW
Audio Channel Parameters Associated with Video Service			
Insertion Gain	X	X	X
Amplitude/Frequency Characteristic	X	X	X
Total Harmonic Distortion & Noise	X	X	X
Maximum Steady-State Test Levels	X	X	X
Gain Differential Between Channels	X	X	
Phase Differential Between Channels	X	X	
Crosstalk	X	X	X
Audio-To-Video Time Differential	X	X	X

The technical specifications are described in Technical Reference TR-NPL-000338.

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(F) Technical Specifications Packages Digital Data Service

	Package					
SD Code	D1	D2	D3	D4	D5	D6
NC Code	XA	XB	XG	XH	XE	YN
Parameter						
Error-Free Seconds	X	X	X	X	X	X
Optional Features and Functions						
Central Office Bridging Capability	X	X	X	X	X	X
PPSN Interface Transfer Arrangement	X	X	X	X	X	X
Transfer Arrangement	X	X	X	X	X	X

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

Voltages which are compatible with Digital Data Service are delineated in Technical Reference PUB 62507.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.1 Network Channel (NC) Codes (Cont'd)

(G) Technical Specifications Packages High Capacity Service

Package	SD Code	HC0	HC1	HC1C
HC2 HC3 HC4	NC Code	HS	HC	HD
HE HF HG				
Parameters				
Error-Free Seconds	X			
Optional Features and Functions				
Automatic Loop Transfer	X			
Central Office Multiplexing:				
DS4 to DS1				X
DS3 to DS1			X	
DS2 to DS1		X		
DS1C to DS1		X		
DS1 to Voice	X			
DS1 to DS0	X			
DS0 to Subrate*	X			
Transfer Arrangement	X			
Clear Channel Capability	X			

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

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes

The electrical interface with the Telephone Company for Special Access Services, is defined by an interface code. There are interface codes for both the customer designated premises and the point of termination. Three examples of NCI codes are found in 15.1 preceding.

(A) Parameter Codes and Options

Parameter

Code	Option	Definition
AB -		accepts 20 Hz ringing signal at customer's point of termination
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination
AH -		analog high capacity interface
-	B	60 kHz to 108 kHz (12 channels)
-	C	312 kHz to 552 kHz (60 channels)
-	D	564 kHz to 3084 kHz (600 channels)
CT -		Centrex Tie Trunk Termination
CS -		digital hierarchy interface at Digital Cross Connect System (DCS)
-	15	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) Format and B8ZS Clear Channel Capability
-	15	1.544 Mbps (DS1) Superframe (SF) format
-	15B	1.544 Mbps (DS1) Superframe (SF) format and B8ZS Clear Channel Capability
-	15K	1.544 Mbps (DS1) Extended Superframe (ESF)
DA -		data stream in VF frequency band at customer's end user's point of termination
DB -		data stream in VF frequency band at customer's point of termination
-	10	VF for TG1 and TG2
-	43	VF for 43 Telegraph Carrier type signals, TG1 and TG2
DC -		direct current or voltage
-	1	monitoring interface with series RC combination (McCulloh format)
-	2	Telephone Company energized alarm channel
-	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)
DD -		DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE -		DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
DS -		digital hierarchy interface
-	15	1.544 Mbps (DS1) format per PUB 41451 plus D4
-	15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
-	15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
-	15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
-	15H	14/11-bit PCM encoded in six 64 kbps of the S1 signal
-	15J	1.544 Mbps format per PUB 41451
-	15K	1.544 Mbps format per PUB 41451 plus extended framing format
-	15L	1.544 Mbps (DS1) with SF signaling
-	27	274.176 Mbps (DS4)
-	27L	274.176 Mbps (DS4) with SF signaling
-	31	3.152 Mbps (DS1C)
-	31L	3.152 Mbps (DS1C) with SF signaling
-	44	44.736 Mbps (DS3)
-	44L	44.736 Mbps (DS3) with SF signaling
-	63	6.312 Mbps (DS2)
-	63L	6.312 Mbps (DS2) with SF signaling

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

DU -		digital access interface
-	19	19.2 kbps
-	24	2.4 kbps
-	48	4.8 kbps
-	56	56.0 kbps
-	96	9.6 kbps
-	64	64.0 kbps
-	A	1.544 Mbps format per PUB 41451
-	B	1.544 Mbps format per PUB 41451 plus D4
-	C	1.544 Mbps format per PUB 41451 plus extended farming format
-	1KN	1.544 Mbps ANSI Extended Superframe (ESF) Format without line power
-	1SN	1.544 Mbps ANSI Extended Superframe (ESF) Format with B8ZS CCC and without line power
-	AN	1.544 Mbps free-framing format w/o line power (only avail. to U.S. Govt. agencies)
-	BN	1.544 Mbps Superframe (SF) Format w/o line power
-	DN	1.544 Mbps Superframe (SF) Format with B8ZS Clear Channel Capabiltiy without line power
DX -		duplex signaling interface at customer's point of termination
DY -		duplex signaling interface at customer's end user's point of termination

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC -		Type III E&M signaling at customer POT
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO -		ground start loop signaling - open end function by customer or customer's end user
GS -		ground start loop signaling - closed end function by customer or customer's end user
IA -		E.I.A. (25 pin RS-232)
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end
LC -		end user loop start loop signaling - Type C OPS registered port open end
LO -		loop start loop signaling - open end function by customer or customer's end user
LR -		20 Hz automatic ringdown interface at customer with Telephone Company provided PLAR
LS -		loop start loop signaling - closed end function by customer or customer's end user
NO -		no signaling interface, transmission only

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15000 Hz
	- 3	nominal frequency from 200 to 3500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8000 Hz
PR		protective relaying*
RV	- 0	reverse battery signaling, one way operation, originate by customer
	- T	reverse battery signaling, one way operation, terminate unction by customer or customer's end user
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT
TF	-	telephotograph interface
TT	-	telegraph/teletypewriter interface at either customer POT or customer's end user POT
	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
TV	-	television interface
	- 1	combined (diplexed) video and one audio signal
	- 2	combined (diplexed) video and two audio signals
	- 5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two wire
	- 15	video plus one (or two) audio 15 kHz signal(s)

* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(B) Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

Value (ohms)	Code(s)
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces

The following tables show the Network Channel Interface codes (NCIs) which are compatible:

(1) Metallic

Compatible CIs	
2DC8-1	2DC8-2
2DC8-3	2DC8-3
4DS8-	2DC8-1
4DS8-	2DC8-2

(2) Telegraph Grade

Compatible CIs		Compatible CIs	
2DB2-10	10IA8	4DB2-10	10IA8
	2TT2-2		2TT2-2
	4TT2-2		4TT2-2
2DB2-43*	10IA8	4DB2-43*	10IA8
	2TT2-2		2TT2-6
	2TT2-6		4TT2-2
	4TT2-2		
		4DS8-	10IA8
2TT2-2	2TT2-2		2TT2-2
			2TT2-6
2TT2-3	2TT2-2		4TT2-2
	4TT2-2		4TT2-6
2TT2-6	2TT2-6	4TT2-2	4TT2-2
	4TT2-6		
		4TT2-6	2TT2-6

* Supplemental Channel Assignment information required.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade

Compatible CIs		Compatible CIs		Compatible CIs	
2AB2	2AC2	2DB2	2DA2	2LR2	2LR2
2AB3	2AC2	2DB3	2DA2	2LR3	2LR2
2CT3	2DY2	2DX3	2LA2	2LS	2GS
	4DS8		2LB2		2LS
	4DX2		2LC2		4GS
	4DX3		2LO3		4LS
	4DY2		2LS2		
	4EA2-E		2LS3	2LS2	2LA2
	4EA2-M				2LB2
	4SF2	2GO2	2GS2		2LC2
	4SF3		2GS3		
	6DX2			2LS3	2LA2
	6DY2	2GO3	2GS2		2LB2
	6DY3		2GS3		2LC2
	6EA2-E				
	6EA2-M	2GS	2GS	2NO2	2DA2
	6EB2-E		2LS		2NO2
	6EB2-M		4GS		
	6EB3-E		4LS	2NO3	2NO2
	8EB2-E				2PR2
	8EB2-M	2L02	2LS2		
	8EC2		2LS3	2TF3	2TF2
	9DY2				
	9DY3	2L03	2LS2		
	9EA2		2LS3		
	9EA3				

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4AB2	2AC2				
	4AB2				
	4AC2				
	4SF2				
4AB3	2AC2				
	4AC2				
	4SF2				
4AC2	2AC2				
	4AC2				
		4DS8-	2AC2	4DS8-	4DG2
			2DA2		4LR2
			2DY2		4LS2
			2GO2		4NO2
	4DA2	4DA2	2G03		4PR2
			2GS2		4RV2-T
	4DB2	2DA2	2GS3		4SF2
		2NO2	2LA2		4SF3
		2PR2	2LB2		4TF2
		4DA2	2LC2		6DA2
		4DB2	2LO2		6DY2
		4NO2	2LO3		6DY3
		4PR2	2LR2		6EA2-E
		6DA2	2LS2		6EA2-M
			2LS3		6EB2-E
	4DD3	2DE2	2NO2		6EB2-M
		4DE2	2PR2		6GS2
			2RV2-T		6LS2
			2TF2		8EB2-E
			4AC2		8EB2-M
			4DA2		9DY2
			4DE2		9DY3
			4DX2		9EA2
			4DX3		9EA3
			4DY2		
			4EA2-E		
			4EA2-M		

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4DX2	2DY2	4DX2	8EB2-E	4DX3	6DY2
	2LA2		8EB2-M		6DY3
	2LB2		9DY2		6EA2-E
	2LC2		9DY3		6EA2-M
	2LO3		9EA2		6EB2-E
	2LS2		9EA3		6EB2-M
	2LS3				6LS2
	2RV2-T	4DX3	2DY2		8EB2-E
	4DX2		2LA2		8EB2-M
	4DY2		2LB2		9DY2
	4EA2-E		2LC2		9DY3
	4EA2-M		2LO3		9EA2
	4LS2		2LS2		9EA3
	4RV2-T		2LS3		
	4SF2		2RV2-T	4DY2	2DY2
	4SF3		4DX2		4DY2
	6DY2		4DX3		
	6DY3		4DY2		
	6EA2-E		4EA2-E		
	6EA2-M		4EA2-M		
	6EB2-E		4LS2		
	6EB2-M		4RV2-T		
	6LS2		4SF2		
			4SF3		

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4EA2-E	2DY2	4EA3-E	2DY2	4GO2	2GO2
	4DY2		4DY2		2GO3
	4EA2-E		4EA2-E		2GS2
	4EA2-M		4EA2-M		2GS3
	4SF2		4SF2		4GS2
	6DY2		6DY2		4SF2
	6DY3		6DY3		6GS2
	6EB2-E		6EA2-E		
	6EB2-M		6EA2-M	4GO3	2GO2
	8EB2-E		6EB2-E		2GS2
	8EB2-M		6EB2-M		2GS3
	9DY2		8EB2-E		4GS2
	9DY3		8EB2-M		4SF2
			9DY2		6GS2
4EA2-M	2DY2		9DY3		
	4DY2		9EA2		
	4EA2-M		9EA3	4GS	2GS
	4SF2				2LS
	6DY2				4GS
	6DY3				4LS
	6EB2-E				
	6EB2-M				
	8EB2-E				
	8EB2-M				
	9DY2				
	9DY3				

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4LO2	2LS2	4LS3	2LA2	4SF2	2LO3
	2LS3		2LB2		2LR2
	4LS2		2LC2		2LS2
	4SF2		2LO2		2LS3
	6LS2		2LO3		2RV2-T
			4SF2		4AC2
4LO3	2LS2				4DY2
	2LS3	4NO2	2DA2		4LS2
	4LS2		2DE2		4RV2-T
	4SF2		2NO2		4SF2
	6LS2		4DA2		6DY2
			4DE2		6DY3
4LR2	2LR2		4NO2		6GS2
	4LR2		6DA2		9DY2
	4SF2				9DY3
		4RV2-0	2RV2-T		
4LR3	2LR2		4RV2-T	4SF3	2DY2
	4LR2		4SF2		2GO3
	4SF2				2GS2
					2GS3
4LS	2GS	4SF2	2AC2		2LA2
	2LS		2DY2		2LB2
	4GS		2GS2		2LC2
	4LS		2GS3		2LO3
			2LA2		2LR2
4LS2	2LA2		2LB2		
	2LB2		2LC2		
	2LC2				
	2LO2				
	2LO3				

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4SF3	2LS2	6DA	4DA2	6DY3	2DY2
	2LS3		6DA2		4DY2
	2RV2-T				6DY2
	4DY2	6DX2	2DY2		6DY3
	4EA2-E		4DY2		
	4EA2-M		4EA2-E	6EA2-E	2AC2
	4GS2				
	4LR2		4EA2-M		2DY2
	4LS2		4SF2		2LA2
	4RV2-T		6DY2		2LB2
	4SF2		6DY3		2LC2
	4SF3		6EA2-E		2LO3
	6DY2		6EA2-M		2LS2
	6DY3		6EB2-E		2LS3
	6EB2-E		6EB2-M		2RV2-T
	6EB2-M		8EB2-E		4AC2
	6GS2		8EB2-M		4DY2
	6LS2		9DY2		4EA2-E
	9DY2		9DY3		4EA2-M
	9DY3		9EA2		4LS2
	9EA2		9EA3		4RV2-T
	9EA3				4SF2
		6DY2	2DY2		4SF3
4TF2	2TF2		4DY2		6DY2
	4TF2		6DY2		6DY3
					6EA2-E
					6EA2-M

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EA2-E	6EB2-E	6EA2-M	6DY2	6EB3-E	2DY2
	6EB2-M		6DY3		4DY2
	6LS2		6EA2-M		4EA2-E
	8EB2-E		6EB2-E		4EA2-M
	8EB2-M		6EB2-M		4SF2
	9DY2		6LS2		6DY2
	9DY3		8EB2-E		6DY3
			8EB2-M		6EA2-E
6EA2-M	2AC2		9DY2		6EA2-M
	2DY2		9DY3		8EB2-E
	2LA2				8EB2-M
	2LB2	6EB2-E	2DY2		9DY2
	2LC2		4DY2		9DY3
	2LO3		4SF2		9EA2
	2LS2		6DY2		6EA3
	2LS3		6DY3		
	2RV2-T		6EB2-E	6EX2-A	2GS2
	4AC2		6EB2-M		2GS3
	4DY2		9DY2		2LS2
	4EA2-E		9DY3		2LS3
	4EA2-M				4GS2
	4LS2	6EB2-M	2DY2		4LS2
	4RV2-T		4DY2		4SF2
	4SF2		4SF2		6GS2
	4SF3		6DY2		6LS2
			6DY3		
			6EB2-M		
			9DY2		
			9DY3		

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EX2-B	2GO3	8EB2-E	2AC2	8EB2-M	2AC2
	2LA2		2DY2		2DY2
	2LB2		2LA2		2LA2
	2LC2		2LB2		2LB2
	2LO2		2LC2		2LC2
	2LO3		2LO3		2LO3
	2LR2		2LS2		2LS2
	4LR2		2LS3		2LS3
	4SF2		2RV2-T		2RV2-T
			4AC2		4AC2
6GO2	2GO2		4DY2		4DY2
	2GS2		4LS2		4LS2
	2GS3		4RV2-T		4RV2-T
	4GS2		4SF2		4SF2
	4SF2		4SF3		4SF3
	6GS2		6DY2		6DY2
			6DY3		6DY3
6LO2	2LS2		6EB2-E		6EB2-E
	2LS3		6EB2-M		6EB2-M
	4LS2		6LS2		6LS2
	4SF2		8EB2-E		8EB2-M
	6LS2		8EB2-M		9DY2
			9DY2		9DY3
6LS2	2LA2		9DY3		
	2LB2				
	2LC2				
	2LO2				
	2LO3				
	4SF2				

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
8EC2	2DY2	9DY2	2DY2	9EA3	2DY2
	4DY2		4DY2		4DY2
	4EA2-E		6DY2		4EA2-E
	4EA2-M		6DY3		4EA2-M
	4SF2		9DY2		6DY2
	6DY2				6DY3
	6DY3	9DY3	2DY2		6EA2-E
	6EA2-E		4DY2		6EA2-M
	6EA2-M		6DY2		6EB2-E
	6EB2-E		6DY3		6EB2-M
	6EB2-M		9DY2		8EB2-E
	8EB2-E		9DY3		8EB2-M
	8EB2-M				9DY2
	9DY2	9EA2	2DY2		9DY3
	9DY3		4DY2		9EA3
	9EA2		4EA2-E		
	9EA3		4EA2-M		
			6DY2		
			6DY3		
			6EA2-E		
			6EA2-M		
			6EB2-E		
			6EB2-M		
			8EB2-E		
			8EB2-M		
			9DY2		
			9DY3		
			9EA2		
			9EA3		

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(4) Program Audio

Compatible CIs		Compatible CIs	
2PG2-1	2PG1-1 2PG2-1	4DS8-15E	2PG1-3 2PG2-3
2PG2-3	2PG1-3 2PG2-3	4DS8-15F	2PG1-5 2PG2-5
2PG2-5	2PG1-5 2PG2-5	4DS8-15G	2PG1-8 2PG2-8
2PG2-8	2PG1-8 2PG2-8	4DA8-15H	2PG1-1 2PG2-1

(5) Video

Compatible CIs		Compatible CIs	
2TV6-1	4TV6-15 4TV7-15	4TV7-5	4TV6-5 4TV7-5
2TV6-2	6TV6-15 6TV7-15	4TV7-15	4TV6-15 4TV7-15
2TV7-1	4TV6-15 4TV7-15	6TV6-5	6TV6-5 6TV7-5
2TV7-2	6TV6-15 6TV7-15	6TV6-15	6TV6-15 6TV7-15
4TV6-5	4TV6-5 4TV7-5	6TV7-5	6TV6-5 6TV7-5
4TV6-15	4TV6-15 4TV7-15	6TV7-15	6TV6-15 6TV7-15

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Special Access Service (Cont'd)

15.1.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(6) Digital Data

Compatible CIs		Compatible CIs		Compatible CIs	
4DS8-15	4DS8-15+	4DU5-19	4DU5-19	6DU5-19	6DU5-19
	4DU5-19	4DU5-24	4DU5-24	6DU5-24	6DU5-24
	4DU5-24				
	4DU5-48				
	4DU5-56	4DU5-48	4DU5-48	6DU5-48	6DU5-48
	4DU5-96				
	6DU5-24	4DU5-96	4DU5-96	6DU5-56	6DU5-56
	6DU5-48				
	6DU5-96	4DU8-56	4DU5-56	6DU5-96	6DU5-96

\+ Available only as a cross connect of two digital channels at appropriate digital speeds at a Telephone Company hub.

(C) Compatible Network Channel Interfaces (Cont'd)

(7) High Capacity

Compatible CIs		Compatible CIs	
4DS0-63	4DS0-63 4DU8-A,B or C 6DU8-A,B or C	4DS8-15J	4DU8-A 6DU8-A
		4DS8-15K	4DU8-B
4DS6-27	4DS6-27 4DU8-A,B or C 6DU8-A,B or C		4DU8-C 6DU8-B 6DU8-C
4DS6-44	4DS6-44 4DU8-A,B or C 6DU8-A,B or C	4DS8-31	4DS8-31 4DU8-A,B or C 6DU8-A,B or C
4DS8-15	4DS8-15+ 4DU8-B 6DU8-8	4DU8-A,B or C	4DU8-A,B or C

(8) Synchronous Optical Channel Service

Compatible CIs		Compatible CIs	
4DS9-1S	4DU9-1S	2SOF-A	2SOF-A
4DS9-1K	4DU9-1K	2SOF-B	2SOF-B
		2SOF-C	2SOF-C
		2SOF-D	2SOF-D
		2SOF-E	2SOF-E
		2SOF-F	2SOF-F

\+ Available only as a cross connect of two individual channels of 1.544 Mbps facilities at a Telephone Company hub

16. Reserved for Future Use

17. Rates and Charges

17.1 Special Access Service

17.1.1 Surcharge for Special Access Service

The Special Access Surcharge is applicable to all issuing carriers referencing Section 7 of this tariff.

	Monthly Rate	Tariff Section Reference
- Per Voice Grade Equivalent	$25.00	7.3

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.2 Metallic Service

Regulations concerning Metallic Service are set forth in 7.4 preceding.

	Monthly Rate	Nonrecurring Charge	
(A) Channel Termination Per Termination			
Windstream Nebraska	$ 16230.61	$ 203.05	C
Windstream Kentucky East - London	16230.61	200.00	C
Valor New Mexico #1193	16230.61	200.00	C
Valor Texas #1181	16230.61	200.00	C
Windstream Iowa Communications #1170,1178	16230.61	200.00	C
(B) Channel Mileage			
(1) Channel Mileage Facility - Per Mile			
Windstream Nebraska	$ 1082.52		C
Windstream Kentucky East - London	1082.52		C
Valor New Mexico #1193	1082.52		C
Valor Texas #1181	1082.52		C
Windstream Iowa Communications#1170,1178	1082.52		C
(2) Channel Mileage Termination - Per Termination			
Windstream Nebraska	$ 10820.91		C
Windstream Kentucky East - London	10820.91		C
Valor New Mexico #1193	10820.91		C
Valor Texas #1181	10820.91		C
Windstream Iowa Communications 1170,#1178	10820.91		C
(C) Optional Features and Functions			
(1) Bridging			
(a) Three Premises Bridging - Per Port			
Windstream Nebraska	$1.12		
Windstream Kentucky East – London	8.00		
Windstream Iowa Communications #1170,#1178	8.00		
(b) Series Bridging - Per Port			
Windstream Nebraska	$1.12		
Windstream Kentucky East – London	8.00		
Windstream Iowa Communications #1170,#1178	8.00		

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.3 Telegraph Grade Service (Cont'd)

Regulations concerning Telegraph Grade Service are set forth in 7.5 preceding.

(A) Channel Termination Per Termination

(1) Two Wire

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 196.00	C
Windstream Florida	16230.61	196.00	C
Windstream GA. Communications Corp.	16230.61	196.00	C
Georgia Windstream, Inc.	16230.61	196.00	C
Windstream Kentucky West	16230.61	196.00	C
Windstream New York, Inc. - Fulton	16230.61	196.00	C
Windstream New York, Inc. - Jamestown	16230.61	196.00	C
Windstream New York, Inc. - Red Jacket	16230.61	196.00	C
Oklahoma Windstream, Inc.	16230.61	196.00	C
Windstream Pennsylvania	16230.61	196.00	C
Windstream Sugar Land	16230.61	196.00	C
Windstream Georgia	16230.61	196.00	C
Windstream Mississippi	16230.61	196.00	C
Windstream Missouri	16230.61	196.00	C
Windstream Oklahoma	16230.61	196.00	C
Windstream South Carolina	16230.61	196.00	C
Windstream Western Reserve	16230.61	196.00	C
Windstream Alabama	16230.61	196.00	C
Texas Windstream	16230.61	196.00	C
Windstream Arkansas	16230.61	196.00	C
Windstream Communications Kerrville	16230.61	196.00	C
Windstream Ohio	16230.61	196.00	C
Windstream Concord	16230.61	196.00	C
Windstream Lexcom	16230.61	196.00	C
Windstream Nebraska	16230.61	203.05	C
Windstream Kentucky East - London	16230.61	200.00	C
Valor New Mexico #1193	16230.61	200.00	C
Valor Texas #1181	16230.61	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	200.00	C
Windstream Lakedale, Inc. #1482	16230.61	200.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.3 Telegraph Grade Service (Cont'd)

(A) Channel Termination Per Termination

(2) Four-Wire

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 196.00	C
Windstream Florida	16230.61	196.00	C
Windstream GA. Communications Corp.	16230.61	196.00	C
Georgia Windstream, Inc.	16230.61	196.00	C
Windstream Kentucky West	16230.61	196.00	C
Windstream New York, Inc. - Fulton	16230.61	196.00	C
Windstream New York, Inc. - Jamestown	16230.61	196.00	C
Windstream New York, Inc. - Red Jacket	16230.61	196.00	C
Oklahoma Windstream, Inc.	16230.61	196.00	C
Windstream Pennsylvania	16230.61	196.00	C
Windstream Sugar Land	16230.61	196.00	C
Windstream Georgia	16230.61	196.00	C
Windstream Mississippi	16230.61	196.00	C
Windstream Missouri	16230.61	196.00	C
Windstream Oklahoma	16230.61	196.00	C
Windstream South Carolina	16230.61	196.00	C
Windstream Western Reserve	16230.61	196.00	C
Windstream Alabama	16230.61	196.00	C
Texas Windstream	16230.61	196.00	C
Windstream Arkansas	16230.61	196.00	C
Windstream Communications Kerrville	16230.61	196.00	C
Windstream Ohio	16230.61	196.00	C
Windstream Concord	16230.61	196.00	C
Windstream Lexcom	16230.61	196.00	C
Windstream Nebraska	16230.61	203.05	C
Windstream Kentucky East - London	16230.61	200.00	C
Valor New Mexico #1193	16230.61	200.00	C
Valor Texas #1181	16230.61	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	200.00	C
Windstream Lakedale, Inc. #1482	16230.61	200.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.3 Telegraph Grade Service (Cont'd)

(B) Channel Mileage

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky West	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.3 Telegraph Grade Service (Cont'd)

(C) Optional Features and Functions

Rates applicable for companies listed in 17.1.3(A).

(1) Telegraph Bridging Per Port

- Two Wire/Four Wire

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$5.80
Windstream Florida	$5.80
Windstream GA. Communications Corp.	$5.80
Georgia Windstream, Inc.	$5.80
Windstream Kentucky West	$5.80
Windstream New York, Inc. - Fulton	$5.80
Windstream New York, Inc. - Jamestown	$5.80
Windstream New York, Inc. - Red Jacket	$5.80
Oklahoma Windstream, Inc.	$5.80
Windstream Pennsylvania	$5.80
Windstream Sugar Land	$5.80
Windstream Georgia	$5.80
Windstream Mississippi	$5.80
Windstream Missouri	$5.80
Windstream Oklahoma	$5.80
Windstream South Carolina	$5.80
Windstream Western Reserve	$5.80
Windstream Alabama	$5.80
Texas Windstream	$5.80
Windstream Arkansas	$5.80
Windstream Standard	$5.80
Windstream Communications Kerrville	$5.80
Windstream Ohio	$5.80
Windstream Concord	$5.80
Windstream Lexcom	$5.80
Windstream Nebraska	$1.12
Windstream Kentucky East – London	$8.00
Valor New Mexico #1193	$8.00
Valor Texas # 1181	$8.00
Windstream Iowa Communications #1170,#1178	$8.00
Windstream Lakedale, Inc. #1414	$5.80
Windstream Lakedale, Inc. #1482	$5.80

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in 7.6 preceding.

(A) Channel Termination Per Termination

(1) Two-Wire

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 215.00	C
Windstream Florida	16230.61	215.00	C
Windstream GA. Communications Corp.	16230.61	215.00	C
Georgia Windstream, Inc.	16230.61	215.00	C
Windstream Kentucky West	16230.61	215.00	C
Windstream New York, Inc. - Fulton	16230.61	215.00	C
Windstream New York, Inc. - Jamestown	16230.61	215.00	C
Windstream New York, Inc. - Red Jacket	16230.61	215.00	C
Oklahoma Windstream, Inc.	16230.61	215.00	C
Windstream Pennsylvania	16230.61	215.00	C
Windstream Sugar Land	16230.61	215.00	C
Windstream Georgia	16230.61	215.00	C
Windstream Mississippi	16230.61	215.00	C
Windstream Missouri	16230.61	215.00	C
Windstream Oklahoma	16230.61	215.00	C
Windstream South Carolina	16230.61	215.00	C
Windstream Western Reserve	16230.61	215.00	C
Windstream Alabama	16230.61	215.00	C
Texas Windstream	16230.61	215.00	C
Windstream Arkansas	16230.61	215.00	C
Windstream Communications Kerrville	16230.61	215.00	C
Windstream Ohio	16230.61	215.00	C
Windstream Concord	16230.61	215.00	C
Windstream Lexcom	16230.61	215.00	C
Windstream Nebraska	16230.61	213.29	C
Windstream Kentucky East - Lexington	16230.61	200.00	C
Windstream Kentucky East - London	16230.61	200.00	C
Valor Oklahoma	16230.61	200.00	C
Valor New Mexico #1164	16230.61	100.00	C
Valor New Mexico #1193	16230.61	125.00	C
Valor Texas #1163	16230.61	100.00	C
Valor Texas #1181	16230.61	100.00	C
Windstream Iowa Communications #1167	16230.61	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	215.00	C
Windstream Lakedale, Inc. #1482	16230.61	215.00	C
Windstream Georgia Telephone	16230.61	450.00	C
Windstream Montezuma	16230.61	450.00	C
Windstream Buffalo Valley	16230.61	450.00	C
Windstream Conestoga	16230.61	450.00	C
Windstream D&E	16230.61	450.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(2) Four-Wire

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 215.00	C
Windstream Florida	16230.61	215.00	C
Windstream GA. Communications Corp.	16230.61	215.00	C
Georgia Windstream, Inc.	16230.61	215.00	C
Windstream Kentucky West	16230.61	215.00	C
Windstream New York, Inc. - Fulton	16230.61	215.00	C
Windstream New York, Inc. - Jamestown	16230.61	215.00	C
Windstream New York, Inc. - Red Jacket	16230.61	215.00	C
Oklahoma Windstream, Inc.	16230.61	215.00	C
Windstream Pennsylvania	16230.61	215.00	C
Windstream Sugar Land	16230.61	215.00	C
Windstream Georgia	16230.61	215.00	C
Windstream Mississippi	16230.61	215.00	C
Windstream Missouri	16230.61	215.00	C
Windstream Oklahoma	16230.61	215.00	C
Windstream South Carolina	16230.61	215.00	C
Windstream Western Reserve	16230.61	215.00	C
Windstream Alabama	16230.61	215.00	C
Texas Windstream	16230.61	215.00	C
Windstream Arkansas	16230.61	215.00	C
Windstream Communications Kerrville	16230.61	215.00	C
Windstream Ohio	16230.61	215.00	C
Windstream Concord	16230.61	215.00	C
Windstream Lexcom	16230.61	215.00	C
Windstream Nebraska	16230.61	213.29	C
Windstream Kentucky East - Lexington	16230.61	200.00	C
Windstream Kentucky East - London	16230.61	200.00	C
Valor Oklahoma	16230.61	200.00	C
Valor New Mexico #1164	16230.61	100.00	C
Valor New Mexico #1193	16230.61	125.00	C
Valor Texas #1163	16230.61	100.00	C
Valor Texas #1181	16230.61	100.00	C
Windstream Iowa Communications #1167	16230.61	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	215.00	C
Windstream Georgia Telephone	16230.61	450.00	C
Windstream Montezuma	16230.61	450.00	C
Windstream Buffalo Valley	16230.61	450.00	C
Windstream Conestoga	16230.61	450.00	C
Windstream D&E	16230.61	450.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

(B) Channel Mileage

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky West	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions
Rates applicable for companies listed in 17.1.4(A).
(1) Bridging Per Port
- Voice Two-Wire/Four-Wire

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$5.80
Windstream Florida	$5.80
Windstream GA. Communications Corp.	$5.80
Georgia Windstream, Inc.	$5.80
Windstream Kentucky West	$5.80
Windstream New York, Inc. - Fulton	$5.80
Windstream New York, Inc. - Jamestown	$5.80
Windstream New York, Inc. - Red Jacket	$5.80
Oklahoma Windstream, Inc.	$5.80
Windstream Pennsylvania	$5.80
Windstream Sugar Land	$5.80
Windstream Georgia	$5.80
Windstream Mississippi	$5.80
Windstream Missouri	$5.80
Windstream Oklahoma	$5.80
Windstream South Carolina	$5.80
Windstream Western Reserve	$5.80
Windstream Alabama	$5.80
Texas Windstream	$5.80
Windstream Arkansas	$5.80
Windstream Standard	$5.80
Windstream Communications Kerrville	$5.80
Windstream Ohio	$5.80
Windstream Concord	$5.80
Windstream Lexcom	$5.80
Windstream Nebraska	$1.29
Windstream Kentucky East – Lexington	$8.00
Windstream Kentucky East – London	$8.00
Valor Oklahoma	$10.05
Valor New Mexico #1164	$10.05
Valor New Mexico #1193	$10.05
Valor Texas #1163	$10.05
Valor Texas # 1181	$10.05
Windstream Iowa Communications #1167	$8.00
Windstream Iowa Communications #1170,#1178	$8.00
Windstream Lakedale, Inc. #1414	$5.80
Windstream Lakedale, Inc. #1482	$5.80
Windstream Georgia Telephone	$4.54
Windstream Montezuma	$4.54
Windstream Buffalo Valley	$4.54
Windstream Conestoga	$4.54
Windstream D&E	$4.54
Windstream Accucom	$4.54

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions
Rates applicable for companies listed in 17.1.4(A).
(1) Bridging Per Port (Cont'd)
- Data Two-Wire/Four-Wire

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$5.80
Windstream Florida	$5.80
Windstream GA. Communications Corp.	$5.80
Georgia Windstream, Inc.	$5.80
Windstream Kentucky West	$5.80
Windstream New York, Inc. - Fulton	$5.80
Windstream New York, Inc. - Jamestown	$5.80
Windstream New York, Inc. - Red Jacket	$5.80
Oklahoma Windstream, Inc.	$5.80
Windstream Pennsylvania	$5.80
Windstream Sugar Land	$5.80
Windstream Georgia	$5.80
Windstream Mississippi	$5.80
Windstream Missouri	$5.80
Windstream Oklahoma	$5.80
Windstream South Carolina	$5.80
Windstream Western Reserve	$5.80
Windstream Alabama	$5.80
Texas Windstream	$5.80
Windstream Arkansas	$5.80
Windstream Standard	$5.80
Windstream Communications Kerrville	$5.80
Windstream Ohio	$5.80
Windstream Concord	$5.80
Windstream Lexcom	$5.80
Windstream Nebraska	$1.29
Windstream Kentucky East – Lexington	$8.00
Windstream Kentucky East – London	$7.87
Valor Oklahoma	$9.64
Valor New Mexico #1164	$8.00
Valor New Mexico #1193	$8.00
Valor Texas #1163	$9.73
Valor Texas # 1181	$8.00
Windstream Iowa Communications #1167	$8.00
Windstream Iowa Communications #1170,#1178	$8.00
Windstream Lakedale, Inc. #1414	$5.80
Windstream Lakedale, Inc. #1482	$5.80
Windstream Georgia Telephone	$4.54
Windstream Montezuma	$4.54
Windstream Buffalo Valley	$4.54
Windstream Conestoga	$4.54
Windstream D&E	$4.54
Windstream Accucom	$4.54

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions
Rates applicable for companies listed in 17.1.4(A).
(1) Bridging Per Port Cont'd)
- Telephoto Two-Wire/Four-Wire

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$5.80
Windstream Florida	$5.80
Windstream GA. Communications Corp.	$5.80
Georgia Windstream, Inc.	$5.80
Windstream Kentucky West	$5.80
Windstream New York, Inc. - Fulton	$5.80
Windstream New York, Inc. - Jamestown	$5.80
Windstream New York, Inc. - Red Jacket	$5.80
Oklahoma Windstream, Inc.	$5.80
Windstream Pennsylvania	$5.80
Windstream Sugar Land	$5.80
Windstream Georgia	$5.80
Windstream Mississippi	$5.80
Windstream Missouri	$5.80
Windstream Oklahoma	$5.80
Windstream South Carolina	$5.80
Windstream Western Reserve	$5.80
Windstream Alabama	$5.80
Texas Windstream	$5.80
Windstream Arkansas	$5.80
Windstream Standard	$5.80
Windstream Communications Kerrville	$5.80
Windstream Ohio	$5.80
Windstream Concord	$5.80
Windstream Lexcom	$5.80
Windstream Nebraska	$1.29
Windstream Kentucky East – Lexington	$8.00
Windstream Kentucky East – London	$8.00
Valor Oklahoma	$5.80
Valor New Mexico #1164	$5.80
Valor New Mexico #1193	$5.80
Valor Texas #1163	$5.80
Valor Texas # 1181	$5.80
Windstream Iowa Communications #1170,#1178	$8.00
Windstream Lakedale, Inc. #1414	$5.80
Windstream Lakedale, Inc. #1482	$5.80
Windstream Georgia Telephone	$4.54
Windstream Montezuma	$4.54
Windstream Buffalo Valley	$4.54
Windstream Conestoga	$4.54
Windstream D&E	$4.54
Windstream Accucom	$4.54

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(2) Conditioning Per Termination

- C-Type

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$19.30
Windstream Florida	$19.30
Windstream GA. Communications Corp.	$19.30
Georgia Windstream, Inc.	$19.30
Windstream Kentucky West	$19.30
Windstream New York, Inc. - Fulton	$19.30
Windstream New York, Inc. - Jamestown	$19.30
Windstream New York, Inc. - Red Jacket	$19.30
Oklahoma Windstream, Inc.	$19.30
Windstream Pennsylvania	$19.30
Windstream Sugar Land	$19.30
Windstream Georgia	$19.30
Windstream Mississippi	$19.30
Windstream Missouri	$19.30
Windstream Oklahoma	$19.30
Windstream South Carolina	$19.30
Windstream Western Reserve	$19.30
Windstream Alabama	$19.30
Texas Windstream	$19.30
Windstream Arkansas	$19.30
Windstream Standard	$19.30
Windstream Communications Kerrville	$19.30
Windstream Ohio	$19.30
Windstream Concord	$19.30
Windstream Lexcom	$19.30
Windstream Nebraska	$2.50
Windstream Kentucky East – Lexington	$1.50
Windstream Kentucky East – London	$11.12
Valor Oklahoma	$3.15
Valor New Mexico #1164	$1.61
Valor New Mexico #1193	$1.61
Valor Texas #1163	$3.15
Valor Texas # 1181	$3.24
Windstream Iowa Communications #1167	$1.50
Windstream Iowa Communications #1170,#1178	$11.12
Windstream Lakedale, Inc. #1414	$19.30
Windstream Lakedale, Inc. #1482	$19.30
Windstream Georgia Telephone	$7.08
Windstream Montezuma	$7.08
Windstream Buffalo Valley	$7.08
Windstream Conestoga	$7.08
Windstream D&E	$7.08
Windstream Accucom	$7.08

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(2) Conditioning Per Termination

- D-Type (Data Capability)

Filing Entity	Monthly Rate	Nonrecurring Charge
Windstream North Carolina, Inc.	$19.30	
Windstream Florida	$19.30	
Windstream GA. Communications Corp.	$19.30	
Georgia Windstream, Inc.	$19.30	
Windstream Kentucky West	$19.30	
Windstream New York, Inc. - Fulton	$19.30	
Windstream New York, Inc. - Jamestown	$19.30	
Windstream New York, Inc. - Red Jacket	$19.30	
Oklahoma Windstream, Inc.	$19.30	
Windstream Pennsylvania	$19.30	
Windstream Sugar Land	$19.30	
Windstream Georgia	$19.30	
Windstream Mississippi	$19.30	
Windstream Missouri	$19.30	
Windstream Oklahoma	$19.30	
Windstream South Carolina	$19.30	
Windstream Western Reserve	$19.30	
Windstream Alabama	$19.30	
Texas Windstream	$19.30	
Windstream Arkansas	$19.30	
Windstream Standard	$19.30	
Windstream Communications Kerrville	$19.30	
Windstream Ohio	$19.30	
Windstream Concord	$19.30	
Windstream Lexcom	$19.30	
Windstream Nebraska	$8.90	$119.69
Windstream Kentucky East – Lexington	$2.00	
Windstream Kentucky East – London	$2.00	
Valor Oklahoma	$2.00	
Valor New Mexico #1164	$2.00	
Valor New Mexico #1193	$2.00	
Valor Texas #1163	$2.99	
Valor Texas # 1181	$3.50	
Windstream Iowa Communications #1167	$2.00	
Windstream Iowa Communications #1170,#1178	$2.00	
Windstream Lakedale, Inc. #1414	$19.30	
Windstream Lakedale, Inc. #1482	$19.30	
Windstream Georgia Telephone	$6.29	
Windstream Montezuma	$6.29	
Windstream Buffalo Valley	$6.29	
Windstream Conestoga	$6.29	
Windstream D&E	$6.29	
Windstream Accucom	$6.29	

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(2) Conditioning Per Termination

- Telephoto Capability

Filing Entity	Monthly Rate
Windstream Sugar Land	$9.58
Valor Oklahoma	$5.80
Valor New Mexico #1164	$5.80
Valor New Mexico #1193	$5.80
Valor Texas #1163	$5.80
Valor Texas # 1181	$5.80
Windstream Iowa Communications #1170,#1178	$2.81
Windstream Georgia Telephone	$6.30
Windstream Montezuma	$6.30
Windstream Buffalo Valley	$6.30
Windstream Conestoga	$6.30
Windstream D&E	$6.30
Windstream Accucom	$6.30

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission. Rate applied per Channel Termination.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$18.50
Windstream Florida	$18.50
Windstream GA. Communications Corp.	$18.50
Georgia Windstream, Inc.	$18.50
Windstream Kentucky West	$18.50
Windstream New York, Inc. - Fulton	$18.50
Windstream New York, Inc. - Jamestown	$18.50
Windstream New York, Inc. - Red Jacket	$18.50
Oklahoma Windstream, Inc.	$18.50
Windstream Pennsylvania	$18.50
Windstream Sugar Land	$18.50
Windstream Georgia	$18.50
Windstream Mississippi	$18.50
Windstream Missouri	$18.50
Windstream Oklahoma	$18.50
Windstream South Carolina	$18.50
Windstream Western Reserve	$18.50
Windstream Alabama	$18.50
Texas Windstream	$18.50
Windstream Arkansas	$18.50
Windstream Standard	$18.50
Windstream Communications Kerrville	$18.50
Windstream Ohio	$18.50
Windstream Concord	$18.50
Windstream Lexcom	$18.50
Windstream Nebraska	$3.64
Windstream Kentucky East – Lexington	$3.75
Windstream Kentucky East – London	$3.75
Valor Oklahoma	$3.75
Valor New Mexico #1164	$3.75
Valor New Mexico #1193	$3.75
Valor Texas #1163	$3.75
Valor Texas # 1181	$3.75
Windstream Iowa Communications #1167	$3.75
Windstream Iowa Communications #1170,#1178	$3.75
Windstream Lakedale, Inc. #1414	$18.50
Windstream Lakedale, Inc. #1482	$18.50
Windstream Georgia Telephone	$10.11
Windstream Montezuma	$10.11
Windstream Buffalo Valley	$10.11
Windstream Conestoga	$10.11
Windstream D&E	$10.11
Windstream Accucom	$10.11

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(4) Customer Specified Receive Level per Two-Wire Termination.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$12.70
Windstream Florida	$12.70
Windstream GA. Communications Corp.	$12.70
Georgia Windstream, Inc.	$12.70
Windstream Kentucky West	$12.70
Windstream New York, Inc. - Fulton	$12.70
Windstream New York, Inc. - Jamestown	$12.70
Windstream New York, Inc. - Red Jacket	$12.70
Oklahoma Windstream, Inc.	$12.70
Windstream Pennsylvania	$12.70
Windstream Sugar Land	$12.70
Windstream Georgia	$12.70
Windstream Mississippi	$12.70
Windstream Missouri	$12.70
Windstream Oklahoma	$12.70
Windstream South Carolina	$12.70
Windstream Western Reserve	$12.70
Windstream Alabama	$12.70
Texas Windstream	$12.70
Windstream Arkansas	$12.70
Windstream Standard	$12.70
Windstream Communications Kerrville	$12.70
Windstream Ohio	$12.70
Windstream Concord	$12.70
Windstream Lexcom	$12.70
Windstream Iowa Communications #1170,#1178	-
Windstream Lakedale, Inc. #1414	$12.70
Windstream Lakedale, Inc. #1482	$12.70
Windstream Georgia Telephone	$7.50
Windstream Montezuma	$7.50
Windstream Buffalo Valley	$7.50
Windstream Conestoga	$7.50
Windstream D&E	$7.50
Windstream Accucom	$7.50

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(5) Multiplexing per Arrangement. Voice to Telegraph grade per Channel Termination.

Filing Entity	Monthly Rate	Nonrecurring Charge
Windstream Sugar Land	$240.77	
Valor Oklahoma	$216.75	$100.00
Valor New Mexico #1164	$216.76	$100.00
Valor New Mexico #1193	$216.76	$100.00
Valor Texas #1163	$216.76	$100.00
Valor Texas # 1181	$216.76	$100.00
Windstream Iowa Communications #1170,#1178	$216.75	$200.00

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(6) Signaling Capability per Termination.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$2.70
Windstream Florida	$2.70
Windstream GA. Communications Corp.	$2.70
Georgia Windstream, Inc.	$2.70
Windstream Kentucky West	$2.70
Windstream New York, Inc. - Fulton	$2.70
Windstream New York, Inc. - Jamestown	$2.70
Windstream New York, Inc. - Red Jacket	$2.70
Oklahoma Windstream, Inc.	$2.70
Windstream Pennsylvania	$2.70
Windstream Sugar Land	$2.70
Windstream Georgia	$2.70
Windstream Mississippi	$2.70
Windstream Missouri	$2.70
Windstream Oklahoma	$2.70
Windstream South Carolina	$2.70
Windstream Western Reserve	$2.7
Windstream Alabama	$2.70
Texas Windstream	$2.70
Windstream Arkansas	$2.70
Windstream Standard	$2.70
Windstream Communications Kerrville	$2.70
Windstream Ohio	$2.70
Windstream Concord	$2.70
Windstream Lexcom	$2.70
Windstream Nebraska	$13.19
Windstream Kentucky East – Lexington	$10.00
Windstream Kentucky East – London	$16.51
Valor Oklahoma	$10.00
Valor New Mexico #1164	$10.00
Valor New Mexico #1193	$10.00
Valor Texas #1163	$10.00
Valor Texas # 1181	$14.00
Windstream Iowa Communications #1170,#1178	$16.51
Windstream Lakedale, Inc. #1414	$2.70
Windstream Lakedale, Inc. #1482	$2.70
Windstream Georgia Telephone	$16.19
Windstream Montezuma	$16.19
Windstream Buffalo Valley	$16.19
Windstream Conestoga	$16.19
Windstream D&E	$16.19
Windstream Accucom	$16.19

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(7) Selective Signaling Arrangement per Arrangement.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$18.50
Windstream Florida	$18.50
Windstream GA. Communications Corp.	$18.50
Georgia Windstream, Inc.	$18.50
Windstream Kentucky West	$18.50
Windstream New York, Inc. - Fulton	$18.50
Windstream New York, Inc. - Jamestown	$18.50
Windstream New York, Inc. - Red Jacket	$18.50
Oklahoma Windstream, Inc.	$18.50
Windstream Pennsylvania	$18.50
Windstream Sugar Land	$18.50
Windstream Georgia	$18.50
Windstream Mississippi	$18.50
Windstream Missouri	$18.50
Windstream Oklahoma	$18.50
Windstream South Carolina	$18.50
Windstream Western Reserve	$18.50
Windstream Alabama	$18.50
Texas Windstream	$18.50
Windstream Arkansas	$18.50
Windstream Standard	$18.50
Windstream Communications Kerrville	$18.50
Windstream Ohio	$18.50
Windstream Concord	$18.50
Windstream Lexcom	$18.50
Valor Oklahoma	$14.00
Valor New Mexico #1164	$14.00
Valor New Mexico #1193	$14.00
Valor Texas #1163	$14.00
Valor Texas # 1181	$14.00
Windstream Iowa Communications #1170,#1178	$32.11
Windstream Lakedale, Inc. #1414	$18.50
Windstream Lakedale, Inc. #1482	$18.50
Windstream Georgia Telephone	$4.54
Windstream Montezuma	$4.54
Windstream Buffalo Valley	$4.54
Windstream Conestoga	$4.54
Windstream D&E	$4.54
Windstream Accucom	$4.54

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(8) Transfer Arrangement

- per four port Arrangement.

Filing Entity	Monthly Rate
Windstream Sugar Land	$3.34
Valor Oklahoma	$3.00
Valor New Mexico #1164	$3.00
Valor New Mexico #1193	$3.00
Valor Texas #1163	$3.00
Valor Texas # 1181	$3.00
Windstream Iowa Communications #1170,#1178	$3.00
Windstream Georgia Telephone	$2.18
Windstream Montezuma	$2.18
Windstream Buffalo Valley	$2.18
Windstream Conestoga	$2.18
Windstream D&E	$2.18
Windstream Accucom	$2.18

- per five port Arrangement.

Filing Entity	
Valor Oklahoma	$6.85
Valor New Mexico #1164	$6.85
Valor New Mexico #1193	$6.85
Valor Texas #1163	$6.85
Valor Texas # 1181	$6.85
Windstream Iowa Communications #1170,#1178	$6.85
Windstream Georgia Telephone	$4.99
Windstream Montezuma	$4.99
Windstream Buffalo Valley	$4.99
Windstream Conestoga	$4.99
Windstream D&E	$4.99
Windstream Accucom	$4.99

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(9) Public Packet Switching Network (PPSN) Interface Arrangement. Rate applied per Arrangement.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	
Windstream Florida	
Windstream GA. Communications Corp.	
Georgia Windstream, Inc.	
Windstream Kentucky West	
Windstream New York, Inc. - Fulton	
Windstream New York, Inc. - Jamestown	
Windstream New York, Inc. - Red Jacket	
Oklahoma Windstream, Inc.	
Windstream Pennsylvania	
Windstream Sugar Land	ICB
Windstream Georgia	
Windstream Mississippi	
Windstream Missouri	
Windstream Oklahoma	
Windstream South Carolina	
Windstream Western Reserve	
Windstream Alabama	
Texas Windstream	
Windstream Arkansas	
Windstream Standard	
Windstream Communications Kerrville	

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(10) Improved Termination Option for Termination.

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$10.98
Windstream Florida	$10.98
Windstream GA. Communications Corp.	$10.98
Georgia Windstream, Inc.	$10.98
Windstream Kentucky West	$10.98
Windstream New York, Inc. - Fulton	$10.98
Windstream New York, Inc. - Jamestown	$10.98
Windstream New York, Inc. - Red Jacket	$10.98
Oklahoma Windstream, Inc.	$10.98
Windstream Pennsylvania	$10.98
Windstream Sugar Land	$10.98
Windstream Georgia	$10.98
Windstream Mississippi	$10.98
Windstream Missouri	$10.98
Windstream Oklahoma	$10.98
Windstream South Carolina	$10.98
Windstream Western Reserve	$10.98
Windstream Alabama	$10.98
Texas Windstream	$10.98
Windstream Arkansas	$10.98
Windstream Standard	$10.98
Windstream Communications Kerrville	$10.98
Windstream Ohio	$10.98
Windstream Concord	$10.98
Windstream Lexcom	$10.98
Valor Oklahoma	$10.00
Valor New Mexico #1164	$10.00
Valor New Mexico #1193	$10.00
Valor Texas #1163	$10.00
Valor Texas # 1181	$10.00
Windstream Iowa Communications #1167	$10.00
Windstream Lakedale, Inc. #1414	$10.98
Windstream Lakedale, Inc. #1482	$10.98

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(11) Improved Attenuation Distortion

Filing Entity	Monthly Rate
Valor Oklahoma	$2.00
Valor New Mexico #1164	$2.00
Valor New Mexico #1193	$2.00
Valor Texas #1163	$2.00
Valor Texas # 1181	$2.00

(12) Improved Attenuation Distortion

Filing Entity	Monthly Rate
Valor Oklahoma	$11.12
Valor New Mexico #1164	$11.12
Valor New Mexico #1193	$11.12
Valor Texas #1163	$11.12
Valor Texas # 1181	$11.12

(13) DATAPHONE Select-A-Station Bridging Sequential Arrangement, Ports per Channel Connected - Two Wire

Filing Entity	
Valor Oklahoma	$21.23
Valor New Mexico #1164	$21.23
Valor New Mexico #1193	$21.23
Valor Texas #1163	$21.23
Valor Texas # 1181	$21.23
Windstream Iowa Communications #1170,#1178	$21.23
Windstream Georgia Telephone	$15.48
Windstream Montezuma	$15.48
Windstream Buffalo Valley	$15.48
Windstream Conestoga	$15.48
Windstream D&E	$15.48
Windstream Accucom	$15.48

- Four Wire

Filing Entity	
Valor Oklahoma	$112.80
Valor New Mexico #1164	$112.80
Valor New Mexico #1193	$112.80
Valor Texas #1163	$112.80
Valor Texas # 1181	$112.80
Windstream Iowa Communications #1170,#1178	$112.80
Windstream Georgia Telephone	$82.09
Windstream Montezuma	$82.09
Windstream Buffalo Valley	$82.09
Windstream Conestoga	$82.09
Windstream D&E	$82.09
Windstream Accucom	$82.09

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(14) DATAPHONE Select-A-Station Bridging

Addressable Arrangement, Ports per Channel Connected

- Two Wire

Filing Entity	Monthly Rate
Valor Oklahoma	$22.76
Valor New Mexico #1164	$22.76
Valor New Mexico #1193	$22.76
Valor Texas #1163	$22.76
Valor Texas # 1181	$22.76
Windstream Iowa Communications #1170,#1178	$22.76

- Four Wire

Filing Entity	
Valor Oklahoma	$115.88
Valor New Mexico #1164	$115.88
Valor New Mexico #1193	$115.88
Valor Texas #1163	$115.88
Valor Texas # 1181	$115.88
Windstream Iowa Communications #1170,#1178	$115.88

(15) Telemetry and Alarm Bridging

- Alarm Distribution Bridging – Common Equipment

Filing Entity	
Valor Oklahoma	$30.00
Valor New Mexico #1164	$30.00
Valor New Mexico #1193	$30.00
Valor Texas #1163	$30.00
Valor Texas # 1181	$30.00

- Alarm Distribution Bridging – Split Band

Filing Entity	
Windstream Georgia Telephone	$7.23
Windstream Montezuma	$7.23
Windstream Buffalo Valley	$7.23
Windstream Conestoga	$7.23
Windstream D&E	$7.23
Windstream Accucom	$7.23

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(15) Telemetry and Alarm Bridging

- Active Bridging-Summation per Circuit Connection

Filing Entity	
Valor Oklahoma	$2.00
Valor New Mexico #1164	$2.00
Valor New Mexico #1193	$2.00
Valor Texas #1163	$2.00
Valor Texas # 1181	$2.00
Windstream Iowa Communications #1170,#1178	$1.37
Windstream Georgia Telephone	$2.83
Windstream Montezuma	$2.83
Windstream Buffalo Valley	$2.83
Windstream Conestoga	$2.83
Windstream D&E	$2.83
Windstream Accucom	$2.83

- Passive Bridging Channel Connections per Channel Connected

Filing Entity	Monthly Rate
Valor Oklahoma	$0.20
Valor New Mexico #1164	$0.20
Valor New Mexico #1193	$0.20
Valor Texas #1163	$0.20
Valor Texas # 1181	$0.20
Windstream Iowa Communications #1170,#1178	$0.20
Windstream Georgia Telephone	$0.20
Windstream Montezuma	$0.20
Windstream Buffalo Valley	$0.20
Windstream Conestoga	$0.20
Windstream D&E	$0.20
Windstream Accucom	$0.20

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.4 Voice Grade Service (Cont'd)

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

(16) Voiceband Facility Switching Arrangement

Filing Entity	
Valor Oklahoma	$7.00
Valor New Mexico #1164	$7.00
Valor New Mexico #1193	$7.00
Valor Texas #1163	$7.00
Valor Texas # 1181	$7.00
Windstream Iowa Communications #1167	$7.00

(17) Supplemental Features

- Improved Equal Level Echo Path Loss, Per Channel Termination

Filing Entity	
Valor Oklahoma	$3.75
Valor New Mexico #1164	$3.75
Valor New Mexico #1193	$3.75
Valor Texas #1163	$3.75
Valor Texas # 1181	$3.75
Windstream Iowa Communications #1167	$3.75

(18) Voiceband – Improved Type C Conditioning

Filing Entity	
Valor Oklahoma	$30.00
Valor New Mexico #1164	$30.00
Valor New Mexico #1193	$30.00
Valor Texas #1163	$30.00
Valor Texas # 1181	$30.00
Windstream Iowa Communications #1167	$30.00

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service

(A) Channel Termination Per Termination

(1) 200 to 3500 Hz

Filing Entity	Monthly Rate	Daily* Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 1352.43	$ 190.00	C
Windstream Florida	16230.61	1352.43	190.00	C
Windstream GA. Communications Corp.	16230.61	1352.43	190.00	C
Georgia Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Kentucky West	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Fulton	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Jamestown	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Red Jacket	16230.61	1352.43	190.00	C
Oklahoma Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Pennsylvania	16230.61	1352.43	190.00	C
Windstream Sugar Land	16230.61	1352.43	190.00	C
Windstream Georgia	16230.61	1352.43	190.00	C
Windstream Mississippi	16230.61	1352.43	190.00	C
Windstream Missouri	16230.61	1352.43	190.00	C
Windstream Oklahoma	16230.61	1352.43	190.00	C
Windstream South Carolina	16230.61	1352.43	190.00	C
Windstream Western Reserve	16230.61	1352.43	190.00	C
Windstream Alabama	16230.61	1352.43	190.00	C
Texas Windstream	16230.61	1352.43	190.00	C
Windstream Arkansas	16230.61	1352.43	190.00	C
Windstream Communications Kerrville	16230.61	1352.43	190.00	C
Windstream Ohio	16230.61	1352.43	190.00	C
Windstream Concord	16230.61	1352.43	190.00	C
Windstream Lexcom	16230.61	1352.43	190.00	C
Windstream Nebraska	16230.61	1352.43	213.29	C
Windstream Kentucky East - Lexington	16230.61	1352.43	200.00	C
Windstream Kentucky East - London	16230.61	1352.43	200.00	C
Valor Oklahoma	16230.61	1352.43	200.00	C
Valor New Mexico #1164	16230.61	1352.43	200.00	C
Valor New Mexico #1193	16230.61	1352.43	200.00	C
Valor Texas #1163	16230.61	1352.43	200.00	C
Valor Texas #1181	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1167	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	1352.43	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	1352.43	190.00	C
Windstream Lakedale, Inc. #1482	16230.61	1352.43	190.00	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(2) 100 to 5000 Hz

Filing Entity	Monthly Rate	Daily* Rate	Nonrecurring Charge		
Windstream North Carolina, Inc.	$ 16230.61	$ 1352.43	$ 190.00	C	C
Windstream Florida	16230.61	1352.43	190.00	C	C
Windstream GA. Communications Corp.	16230.61	1352.43	190.00	C	C
Georgia Windstream, Inc.	16230.61	1352.43	190.00	C	C
Windstream Kentucky West	16230.61	1352.43	190.00	C	C
Windstream New York, Inc. - Fulton	16230.61	1352.43	190.00	C	C
Windstream New York, Inc. - Jamestown	16230.61	1352.43	190.00	C	C
Windstream New York, Inc. - Red Jacket	16230.61	1352.43	190.00	C	C
Oklahoma Windstream, Inc.	16230.61	1352.43	190.00	C	C
Windstream Pennsylvania	16230.61	1352.43	190.00	C	C
Windstream Sugar Land	16230.61	1352.43	190.00	C	C
Windstream Georgia	16230.61	1352.43	190.00	C	C
Windstream Mississippi	16230.61	1352.43	190.00	C	C
Windstream Missouri	16230.61	1352.43	190.00	C	C
Windstream Oklahoma	16230.61	1352.43	190.00	C	C
Windstream South Carolina	16230.61	1352.43	190.00	C	C
Windstream Western Reserve	16230.61	1352.43	190.00	C	C
Windstream Alabama	16230.61	1352.43	190.00	C	C
Texas Windstream	16230.61	1352.43	190.00	C	C
Windstream Arkansas	16230.61	1352.43	190.00	C	C
Windstream Communications Kerrville	16230.61	1352.43	190.00	C	C
Windstream Ohio	16230.61	1352.43	190.00	C	C
Windstream Concord	16230.61	1352.43	190.00	C	C
Windstream Lexcom	16230.61	1352.43	190.00	C	C
Windstream Nebraska	16230.61	1352.43	213.29	C	C
Windstream Kentucky East - Lexington	16230.61	1352.43	200.00	C	C
Windstream Kentucky East - London	16230.61	1352.43	200.00	C	C
Valor Oklahoma	16230.61	1352.43	200.00	C	C
Valor New Mexico #1164	16230.61	1352.43	200.00	C	C
Valor New Mexico #1193	16230.61	1352.43	200.00	C	C
Valor Texas #1163	16230.61	1352.43	200.00	C	C
Valor Texas #1181	16230.61	1352.43	200.00	C	C
Windstream Iowa Communications #1167	16230.61	1352.43	200.00	C	C
Windstream Iowa Communications #1170,#1178	16230.61	1352.43	200.00	C	C
Windstream Lakedale, Inc. #1414	16230.61	1352.43	190.00	C	C
Windstream Lakedale, Inc. #1482	16230.61	1352.43	190.00	C	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(3) 50 to 8000 Hz

Filing Entity	Monthly Rate	Daily* Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 1352.43	$ 190.00	C
Windstream Florida	16230.61	1352.43	190.00	C
Windstream GA. Communications Corp.	16230.61	1352.43	190.00	C
Georgia Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Kentucky West	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Fulton	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Jamestown	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Red Jacket	16230.61	1352.43	190.00	C
Oklahoma Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Pennsylvania	16230.61	1352.43	190.00	C
Windstream Sugar Land	16230.61	1352.43	190.00	C
Windstream Georgia	16230.61	1352.43	190.00	C
Windstream Mississippi	16230.61	1352.43	190.00	C
Windstream Missouri	16230.61	1352.43	190.00	C
Windstream Oklahoma	16230.61	1352.43	190.00	C
Windstream South Carolina	16230.61	1352.43	190.00	C
Windstream Western Reserve	16230.61	1352.43	190.00	C
Windstream Alabama	16230.61	1352.43	190.00	C
Texas Windstream	16230.61	1352.43	190.00	C
Windstream Arkansas	16230.61	1352.43	190.00	C
Windstream Communications Kerrville	16230.61	1352.43	190.00	C
Windstream Ohio	16230.61	1352.43	190.00	C
Windstream Concord	16230.61	1352.43	190.00	C
Windstream Lexcom	16230.61	1352.43	190.00	C
Windstream Nebraska	16230.61	1352.43	213.29	C
Windstream Kentucky East - Lexington	16230.61	1352.43	200.00	C
Windstream Kentucky East - London	16230.61	1352.43	200.00	C
Valor Oklahoma	16230.61	1352.43	200.00	C
Valor New Mexico #1164	16230.61	1352.43	200.00	C
Valor New Mexico #1193	16230.61	1352.43	200.00	C
Valor Texas #1163	16230.61	1352.43	200.00	C
Valor Texas #1181	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1167	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1167,#1178	16230.61	1352.43	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	1352.43	190.00	C
Windstream Lakedale, Inc. #1482	16230.61	1352.43	190.00	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(4) 50 to 15000 Hz

Filing Entity	Monthly Rate	Daily* Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 1352.43	$ 190.00	C
Windstream Florida	16230.61	1352.43	190.00	C
Windstream GA. Communications Corp.	16230.61	1352.43	190.00	C
Georgia Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Kentucky West	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Fulton	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Jamestown	16230.61	1352.43	190.00	C
Windstream New York, Inc. - Red Jacket	16230.61	1352.43	190.00	C
Oklahoma Windstream, Inc.	16230.61	1352.43	190.00	C
Windstream Pennsylvania	16230.61	1352.43	190.00	C
Windstream Sugar Land	16230.61	1352.43	190.00	C
Windstream Georgia	16230.61	1352.43	190.00	C
Windstream Mississippi	16230.61	1352.43	190.00	C
Windstream Missouri	16230.61	1352.43	190.00	C
Windstream Oklahoma	16230.61	1352.43	190.00	C
Windstream South Carolina	16230.61	1352.43	190.00	C
Windstream Western Reserve	16230.61	1352.43	190.00	C
Windstream Alabama	16230.61	1352.43	190.00	C
Texas Windstream	16230.61	1352.43	190.00	C
Windstream Arkansas	16230.61	1352.43	190.00	C
Windstream Communications Kerrville	16230.61	1352.43	190.00	C
Windstream Ohio	16230.61	1352.43	190.00	C
Windstream Concord	16230.61	1352.43	190.00	C
Windstream Lexcom	16230.61	1352.43	190.00	C
Windstream Nebraska	16230.61	1352.43	213.29	C
Windstream Kentucky East - Lexington	16230.61	1352.43	200.00	C
Windstream Kentucky East - London	16230.61	1352.43	200.00	C
Valor Oklahoma	16230.61	1352.43	200.00	C
Valor New Mexico #1164	16230.61	1352.43	200.00	C
Valor New Mexico #1193	16230.61	1352.43	200.00	C
Valor Texas #1163	16230.61	1352.43	200.00	C
Valor Texas #1181	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1167	16230.61	1352.43	200.00	C
Windstream Iowa Communications #1170,#1178	16230.61	1352.43	200.00	C
Windstream Lakedale, Inc. #1414	16230.61	1352.43	190.00	C
Windstream Lakedale, Inc. #1482	16230.61	1352.43	190.00	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(B) Channel Mileage
(1) 200 to 3500 Hz

Filing Entity	Facility Per Mile Monthly Rate	Facility Per Mile Daily* Rate	Termination Per Termination Monthly Rate	Termination Per Termination Daily* Rate	
Windstream North Carolina, Inc.	$ 1082.52	$ 108.40	$ 10820.91	$ 1082.07	C
Windstream Florida	1082.52	108.40	10820.91	1082.07	C
Windstream GA. Communications Corp.	1082.52	108.40	10820.91	1082.07	C
Georgia Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky West	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Fulton	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Jamestown	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Red Jacket	1082.52	108.40	10820.91	1082.07	C
Oklahoma Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Pennsylvania	1082.52	108.40	10820.91	1082.07	C
Windstream Sugar Land	1082.52	108.40	10820.91	1082.07	C
Windstream Georgia	1082.52	108.40	10820.91	1082.07	C
Windstream Mississippi	1082.52	108.40	10820.91	1082.07	C
Windstream Missouri	1082.52	108.40	10820.91	1082.07	C
Windstream Oklahoma	1082.52	108.40	10820.91	1082.07	C
Windstream South Carolina	1082.52	108.40	10820.91	1082.07	C
Windstream Western Reserve	1082.52	108.40	10820.91	1082.07	C
Windstream Alabama	1082.52	108.40	10820.91	1082.07	C
Texas Windstream	1082.52	108.40	10820.91	1082.07	C
Windstream Arkansas	1082.52	108.40	10820.91	1082.07	C
Windstream Standard	1082.52	108.40	10820.91	1082.07	C
Windstream Communications Kerrville	1082.52	108.40	10820.91	1082.07	C
Windstream Ohio	1082.52	108.40	10820.91	1082.07	C
Windstream Concord	1082.52	108.40	10820.91	1082.07	C
Windstream Lexcom	1082.52	108.40	10820.91	1082.07	C
Windstream Nebraska	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - Lexington	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - London	1082.52	108.40	10820.91	1082.07	C
Valor Oklahoma	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1164	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1193	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1163	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1181	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1167	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1170,#1178	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1414	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1482	1082.52	108.40	10820.91	1082.07	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(B) Channel Mileage

(2) 100 to 5000 Hz

Filing Entity	Facility Per Mile Monthly Rate	Facility Per Mile Daily* Rate	Termination Per Termination Monthly Rate	Termination Per Termination Daily* Rate	
Windstream North Carolina, Inc.	$ 1082.52	$ 108.40	$ 10820.91	$ 1082.07	C
Windstream Florida	1082.52	108.40	10820.91	1082.07	C
Windstream GA. Communications Corp.	1082.52	108.40	10820.91	1082.07	C
Georgia Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky West	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Fulton	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Jamestown	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Red Jacket	1082.52	108.40	10820.91	1082.07	C
Oklahoma Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Pennsylvania	1082.52	108.40	10820.91	1082.07	C
Windstream Sugar Land	1082.52	108.40	10820.91	1082.07	C
Windstream Georgia	1082.52	108.40	10820.91	1082.07	C
Windstream Mississippi	1082.52	108.40	10820.91	1082.07	C
Windstream Missouri	1082.52	108.40	10820.91	1082.07	C
Windstream Oklahoma	1082.52	108.40	10820.91	1082.07	C
Windstream South Carolina	1082.52	108.40	10820.91	1082.07	C
Windstream Western Reserve	1082.52	108.40	10820.91	1082.07	C
Windstream Alabama	1082.52	108.40	10820.91	1082.07	C
Texas Windstream	1082.52	108.40	10820.91	1082.07	C
Windstream Arkansas	1082.52	108.40	10820.91	1082.07	C
Windstream Standard	1082.52	108.40	10820.91	1082.07	C
Windstream Communications Kerrville	1082.52	108.40	10820.91	1082.07	C
Windstream Ohio	1082.52	108.40	10820.91	1082.07	C
Windstream Concord	1082.52	108.40	10820.91	1082.07	C
Windstream Lexcom	1082.52	108.40	10820.91	1082.07	C
Windstream Nebraska	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - Lexington	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - London	1082.52	108.40	10820.91	1082.07	C
Valor Oklahoma	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1164	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1193	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1163	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1181	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1167	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1170,#1178	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1414	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1482	1082.52	108.40	10820.91	1082.07	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

Channel Mileage

50 to 8000 Hz

Filing Entity	Facility Per Mile Monthly Rate	Facility Per Mile Daily* Rate	Termination Per Termination Monthly Rate	Termination Per Termination Daily* Rate	
Windstream North Carolina, Inc.	$ 1082.52	$ 108.40	$ 10820.91	$ 1082.07	C
Windstream Florida	1082.52	108.40	10820.91	1082.07	C
Windstream GA. Communications Corp.	1082.52	108.40	10820.91	1082.07	C
Georgia Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky West	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Fulton	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Jamestown	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Red Jacket	1082.52	108.40	10820.91	1082.07	C
Oklahoma Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Pennsylvania	1082.52	108.40	10820.91	1082.07	C
Windstream Sugar Land	1082.52	108.40	10820.91	1082.07	C
Windstream Georgia	1082.52	108.40	10820.91	1082.07	C
Windstream Mississippi	1082.52	108.40	10820.91	1082.07	C
Windstream Missouri	1082.52	108.40	10820.91	1082.07	C
Windstream Oklahoma	1082.52	108.40	10820.91	1082.07	C
Windstream South Carolina	1082.52	108.40	10820.91	1082.07	C
Windstream Western Reserve	1082.52	108.40	10820.91	1082.07	C
Windstream Alabama	1082.52	108.40	10820.91	1082.07	C
Texas Windstream	1082.52	108.40	10820.91	1082.07	C
Windstream Arkansas	1082.52	108.40	10820.91	1082.07	C
Windstream Standard	1082.52	108.40	10820.91	1082.07	C
Windstream Communications Kerrville	1082.52	108.40	10820.91	1082.07	C
Windstream Ohio	1082.52	108.40	10820.91	1082.07	C
Windstream Concord	1082.52	108.40	10820.91	1082.07	C
Windstream Lexcom	1082.52	108.40	10820.91	1082.07	C
Windstream Nebraska	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - Lexington	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - London	1082.52	108.40	10820.91	1082.07	C
Valor Oklahoma	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1164	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1193	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1163	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1181	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1167	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1170,#1178	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1414	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1482	1082.52	108.40	10820.91	1082.07	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(B) Channel Mileage

(4) 50 to 15000 Hz

Filing Entity	Facility Per Mile Monthly Rate	Facility Per Mile Daily* Rate	Termination Per Termination Monthly Rate	Termination Per Termination Daily* Rate	
Windstream North Carolina, Inc.	$ 1082.52	$ 108.40	$ 10820.91	$ 1082.07	C
Windstream Florida	1082.52	108.40	10820.91	1082.07	C
Windstream GA. Communications Corp.	1082.52	108.40	10820.91	1082.07	C
Georgia Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky West	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Fulton	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Jamestown	1082.52	108.40	10820.91	1082.07	C
Windstream New York, Inc. - Red Jacket	1082.52	108.40	10820.91	1082.07	C
Oklahoma Windstream, Inc.	1082.52	108.40	10820.91	1082.07	C
Windstream Pennsylvania	1082.52	108.40	10820.91	1082.07	C
Windstream Sugar Land	1082.52	108.40	10820.91	1082.07	C
Windstream Georgia	1082.52	108.40	10820.91	1082.07	C
Windstream Mississippi	1082.52	108.40	10820.91	1082.07	C
Windstream Missouri	1082.52	108.40	10820.91	1082.07	C
Windstream Oklahoma	1082.52	108.40	10820.91	1082.07	C
Windstream South Carolina	1082.52	108.40	10820.91	1082.07	C
Windstream Western Reserve	1082.52	108.40	10820.91	1082.07	C
Windstream Alabama	1082.52	108.40	10820.91	1082.07	C
Texas Windstream	1082.52	108.40	10820.91	1082.07	C
Windstream Arkansas	1082.52	108.40	10820.91	1082.07	C
Windstream Standard	1082.52	108.40	10820.91	1082.07	C
Windstream Communications Kerrville	1082.52	108.40	10820.91	1082.07	C
Windstream Ohio	1082.52	108.40	10820.91	1082.07	C
Windstream Concord	1082.52	108.40	10820.91	1082.07	C
Windstream Lexcom	1082.52	108.40	10820.91	1082.07	C
Windstream Nebraska	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - Lexington	1082.52	108.40	10820.91	1082.07	C
Windstream Kentucky East - London	1082.52	108.40	10820.91	1082.07	C
Valor Oklahoma	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1164	1082.52	108.40	10820.91	1082.07	C
Valor New Mexico #1193	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1163	1082.52	108.40	10820.91	1082.07	C
Valor Texas #1181	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1167	1082.52	108.40	10820.91	1082.07	C
Windstream Iowa Communications #1170,#1178	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1414	1082.52	108.40	10820.91	1082.07	C
Windstream Lakedale, Inc. #1482	1082.52	108.40	10820.91	1082.07	C

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

(C) Optional Features and Functions

Rates applicable for companies listed in 17.1.5(A).

(1) Bridging, Distribution Amplifier
- Per Port

Filing Entity	Monthly Rate	Daily* Rate
Windstream Sugar Land	$21.28	$2.13
Valor Oklahoma	$1.00	$0.10
Valor New Mexico #1164	$1.00	$0.10
Valor New Mexico #1193	$1.00	$0.10
Valor Texas #1163	$1.00	$0.10
Valor Texas # 1181	$1.00	$0.10
Windstream Iowa Communications #1167	$1.00	$0.10
Windstream Iowa Communications #1170,#1178	$1.00	$0.10

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

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

Rates applicable for companies listed in 17.1.5(A).

(2) Gain Conditioning. Rate applied per Channel Termination.

Filing Entity	Monthly Rate	Daily* Rate
Windstream North Carolina, Inc.	$12.00	$1.20
Windstream Florida	$12.00	$1.20
Windstream GA. Communications Corp.	$12.00	$1.20
Georgia Windstream, Inc.	$12.00	$1.20
Windstream Kentucky	$12.00	$1.20
Windstream NY, Inc. - Fulton	$12.00	$1.20
Windstream NY, Inc. - Jamestown	$12.00	$1.20
Windstream NY, Inc. - Red Jacket	$12.00	$1.20
Oklahoma Windstream, Inc.	$12.00	$1.20
Windstream Pennsylvania	$12.00	$1.20
Windstream Sugar Land	$12.00	$1.20
Windstream Georgia	$12.00	$1.20
Windstream Mississippi	$12.00	$1.20
Windstream Missouri	$12.00	$1.20
Windstream Oklahoma	$12.00	$1.20
Windstream South Carolina	$12.00	$1.20
Windstream Western Reserve	$12.00	$1.20
Windstream Alabama	$12.00	$1.20
Texas Windstream	$12.00	$1.20
Windstream Arkansas	$12.00	$1.20
Windstream Standard	$12.00	$1.20
Windstream Communications Kerrville	$12.00	$1.20
Windstream Ohio	$12.00	$1.20
Windstream Concord	$12.00	$1.20
Windstream Lexcom	$12.00	$1.20
Valor Oklahoma	$1.00	$0.10
Valor New Mexico #1164	$1.00	$0.10
Valor New Mexico #1193	$1.00	$0.10
Valor Texas #1163	$1.00	$0.10
Valor Texas # 1181	$1.00	$0.10
Windstream Iowa Communications #1167	$1.00	$0.10
Windstream Iowa Communications #1170,#1178	$1.00	$0.10
Windstream Lakedale, Inc. #1414	$12.00	$1.20
Windstream Lakedale, Inc. #1482	$12.00	$1.20

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.5 Program Audio Service (Cont'd)

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

Rates applicable for companies listed in 17.1.5(A).

(3) Conditioning Program Audio, Zero Loss per SAL

Filing Entity	Monthly Rate	Daily* Rate
Valor Oklahoma	$12.00	$1.20
Valor New Mexico #1164	$12.00	$1.20
Valor New Mexico #1193	$12.00	$1.20
Valor Texas #1163	$12.00	$1.20
Valor Texas # 1181	$12.00	$1.20
Windstream Iowa Communications #1167	$12.00	$1.20

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.6 Video Service

Regulations concerning Video Service are set forth in 7.8 preceding.

	Monthly Rate	Nonrecurring Daily* Rate	NRC Monthly	NRC Daily	
(A) Channel Termination - Per Termination					
- TV-1 or 2					
Windstream Nebraska	$	$54234.01	-	-	C
Windstream Kentucky East – Lexington	$6588.34	$14378.94	750	625	C

(B) Channel Mileage	Monthly Rate	Daily Rate	
(1) Channel Mileage Facility - Per Mile - TV-1 or 2			
Windstream Nebraska	$ ICB	$77279.69	C
Windstream Kentucky East – Lexington	ICB	7527.20	C
(2) Channel Mileage Termination - Per Termination - TV-1 or 2			
Windstream Nebraska	$ ICB	$380927.51	C
Windstream Kentucky East – Lexington	ICB	ICB	

* Daily rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in 7.9 preceding.

(A) Channel Termination Per Termination

(1) 2.4 Kbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Iowa Communications #1170,#1178	16230.61	245.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(2) 4.8 Kbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Iowa Communications #1170,#1178	16230.61	245.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(3) 9.6 Kpbs

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Iowa Communications #1170,#1178	16230.61	245.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(4) 19.2 Kbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Iowa Communications #1170,#1178	16230.61	245.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(5) 56.0 Kbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Iowa Communications #1170,#1178	16230.61	245.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(6) 64.0 Kbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 16230.61	$ 140.00	C
Windstream Florida	16230.61	140.00	C
Windstream GA. Communications Corp.	16230.61	140.00	C
Georgia Windstream, Inc.	16230.61	140.00	C
Windstream Kentucky	16230.61	140.00	C
Windstream New York, Inc. - Fulton	16230.61	140.00	C
Windstream New York, Inc. - Jamestown	16230.61	140.00	C
Windstream New York, Inc. - Red Jacket	16230.61	140.00	C
Oklahoma Windstream, Inc.	16230.61	140.00	C
Windstream Pennsylvania	16230.61	140.00	C
Windstream Sugar Land	16230.61	140.00	C
Windstream Georgia	16230.61	140.00	C
Windstream Mississippi	16230.61	140.00	C
Windstream Missouri	16230.61	140.00	C
Windstream Oklahoma	16230.61	140.00	C
Windstream South Carolina	16230.61	140.00	C
Windstream Western Reserve	16230.61	140.00	C
Windstream Alabama	16230.61	140.00	C
Texas Windstream	16230.61	140.00	C
Windstream Arkansas	16230.61	140.00	C
Windstream Communications Kerrville	16230.61	140.00	C
Windstream Ohio	16230.61	140.00	C
Windstream Concord	16230.61	140.00	C
Windstream Lexcom	16230.61	140.00	C
Windstream Nebraska	16230.61	230.04	C
Windstream Kentucky East - Lexington	16230.61	250.00	C
Windstream Kentucky East - London	16230.61	250.00	C
Valor Oklahoma	16230.61	250.00	C
Valor New Mexico #1164	16230.61	250.00	C
Valor New Mexico #1193	16230.61	250.00	C
Valor Texas #1163	16230.61	300.00	C
Valor Texas #1181	16230.61	250.00	C
Windstream Iowa Communications #1167	16230.61	250.00	C
Windstream Lakedale, Inc. #1414	16230.61	140.00	C
Windstream Lakedale, Inc. #1482	16230.61	140.00	C
Windstream Georgia Telephone	16230.61	390.00	C
Windstream Montezuma	16230.61	390.00	C
Windstream Buffalo Valley	16230.61	390.00	C
Windstream Conestoga	16230.61	390.00	C
Windstream D&E	16230.61	390.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage
(1) 2.4 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)
(2) 4.8 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)
(3) 9.6 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)
(4) 19.2 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)
(5) 56.0 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Iowa Communications #1170,#1178	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)

(6) 64.0 Kbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 1082.52	$ 10820.91	C
Windstream Florida	1082.52	10820.91	C
Windstream GA. Communications Corp.	1082.52	10820.91	C
Georgia Windstream, Inc.	1082.52	10820.91	C
Windstream Kentucky	1082.52	10820.91	C
Windstream New York, Inc. - Fulton	1082.52	10820.91	C
Windstream New York, Inc. - Jamestown	1082.52	10820.91	C
Windstream New York, Inc. - Red Jacket	1082.52	10820.91	C
Oklahoma Windstream, Inc.	1082.52	10820.91	C
Windstream Pennsylvania	1082.52	10820.91	C
Windstream Sugar Land	1082.52	10820.91	C
Windstream Georgia	1082.52	10820.91	C
Windstream Mississippi	1082.52	10820.91	C
Windstream Missouri	1082.52	10820.91	C
Windstream Oklahoma	1082.52	10820.91	C
Windstream South Carolina	1082.52	10820.91	C
Windstream Western Reserve	1082.52	10820.91	C
Windstream Alabama	1082.52	10820.91	C
Texas Windstream	1082.52	10820.91	C
Windstream Arkansas	1082.52	10820.91	C
Windstream Standard	1082.52	10820.91	C
Windstream Communications Kerrville	1082.52	10820.91	C
Windstream Ohio	1082.52	10820.91	C
Windstream Concord	1082.52	10820.91	C
Windstream Lexcom	1082.52	10820.91	C
Windstream Nebraska	1082.52	10820.91	C
Windstream Kentucky East - Lexington	1082.52	10820.91	C
Windstream Kentucky East - London	1082.52	10820.91	C
Valor Oklahoma	1082.52	10820.91	C
Valor New Mexico #1164	1082.52	10820.91	C
Valor New Mexico #1193	1082.52	10820.91	C
Valor Texas #1163	1082.52	10820.91	C
Valor Texas #1181	1082.52	10820.91	C
Windstream Iowa Communications #1167	1082.52	10820.91	C
Windstream Lakedale, Inc. #1414	1082.52	10820.91	C
Windstream Lakedale, Inc. #1482	1082.52	10820.91	C
Windstream Georgia Telephone	1082.52	10820.91	C
Windstream Montezuma	1082.52	10820.91	C
Windstream Buffalo Valley	1082.52	10820.91	C
Windstream Conestoga	1082.52	10820.91	C
Windstream D&E	1082.52	10820.91	C
Windstream Accucom	1082.52	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(C) Optional Features and Functions

Rates applicable for companies listed in 17.1.7(A).

(1) Bridging per port

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	$5.80
Windstream Florida	$5.80
Windstream GA. Communications Corp.	$5.80
Georgia Windstream, Inc.	$5.80
Windstream Kentucky	$5.80
Windstream NY, Inc. - Fulton	$5.80
Windstream NY, Inc. - Jamestown	$5.80
Windstream NY, Inc. - Red Jacket	$5.80
Oklahoma Windstream, Inc.	$5.80
Windstream Pennsylvania	$5.80
Windstream Sugar Land	$5.80
Windstream Georgia	$5.80
Windstream Mississippi	$5.80
Windstream Missouri	$5.80
Windstream Oklahoma	$5.80
Windstream South Carolina	$5.80
Windstream Western Reserve	$5.80
Windstream Alabama	$5.80
Texas Windstream	$5.80
Windstream Arkansas	$5.80
Windstream Standard	$5.80
Windstream Communications Kerrville	$5.80
Windstream Ohio	$5.80
Windstream Concord	$5.80
Windstream Lexcom	$5.80
Windstream Nebraska	$25.18
Windstream Kentucky East – Lexington	$11.00
Windstream Kentucky East – London	$11.00
Valor Oklahoma	$11.00
Valor New Mexico #1164	$11.00
Valor New Mexico #1193	$11.00
Valor Texas #1163	$13.50
Valor Texas # 1181	$13.50
Windstream Iowa Communications #1167	$11.00
Windstream Iowa Communications #1170,#1178	$11.00
Windstream Lakedale, Inc. #1414	$5.80
Windstream Lakedale, Inc. #1482	$5.80
Windstream Georgia Telephone	$6.50
Windstream Montezuma	$6.50
Windstream Buffalo Valley	$6.50
Windstream Conestoga	$6.50
Windstream D&E	$6.50

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

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

Rates applicable for companies listed in 17.1.7(A).

(2) Loop Transfer Arrangement
Per four port arrangement*
Key activated** or Dial-Up***

Filing Entity	Monthly Rate
Windstream Sugar Land	$6.62
Valor New Mexico #1193	5.96
Valor Texas # 1181	5.96
Windstream Iowa Communications #1170,#1178	5.96
Windstream Georgia Telephone	$4.34
Windstream Montezuma	$4.34
Windstream Buffalo Valley	$4.34
Windstream Conestoga	$4.34
Windstream D&E	$4.34
Windstream Accucom	$4.34

(3) Secondary Channel

Filing Entity	
Windstream Kentucky East – Lexington	$ 7.00
Valor Oklahoma	7.00
Valor New Mexico #1164	7.00
Valor New Mexico #1193	11.00
Valor Texas #1163	7.00
Valor Texas # 1181	7.00

(4) Digital Data Carrier Multiplexer

Filing Entity	Monthly Rate	Nonrecurring Charge
Windstream Kentucky East – Lexington	$550.00	$1500.00
Valor Oklahoma	550.00	1500.00
Valor New Mexico #1164	550.00	1500.00
Valor New Mexico #1193	550.00	1500.00
Valor Texas #1163	550.00	1500.00
Valor Texas # 1181	550.00	1500.00
Windstream Iowa Communications #1167	275.00	1500.00

* An additional channel termination charge will apply whenever a spare channel is configured as a leg to a customer designated premises. Additional channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The key activated control channel is rated as a Telegraph Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement from 13.3.4 preceding

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.7 Digital Data Service (Cont'd)

(D) Channel Service Unit

- Per Termination****

Filing Entity	2.4 Kbps	4.8, 9.6, 19.2 Kbps	56.0 Kbps
Windstream North Carolina, Inc.	$12.70	$12.70	$12.70
Windstream Florida	$12.70	$12.70	$12.70
Windstream GA. Communications Corp.	$12.70	$12.70	$12.70
Georgia Windstream, Inc.	$12.70	$12.70	$12.70
Windstream Kentucky	$12.70	$12.70	$12.70
Windstream NY, Inc. - Fulton	$12.70	$12.70	$12.70
Windstream NY, Inc. - Jamestown	$12.70	$12.70	$12.70
Windstream NY, Inc. - Red Jacket	$12.70	$12.70	$12.70
Oklahoma Windstream, Inc.	$12.70	$12.70	$12.70
Windstream Pennsylvania	$12.70	$12.90	$12.90
Windstream Sugar Land	$12.70	$12.70	$12.70
Windstream Georgia	$12.70	$12.70	$12.70
Windstream Mississippi	$12.70	$12.70	$12.70
Windstream Missouri	$12.70	$12.70	$12.70
Windstream Oklahoma	$12.70	$12.70	$12.70
Windstream South Carolina	$12.70	$12.70	$12.70
Windstream Western Reserve	$12.70	$12.70	$12.70
Windstream Alabama	$12.70	$12.70	$12.70
Texas Windstream	$12.70	$12.70	$12.70
Windstream Arkansas	$12.70	$12.70	$12.70
Windstream Standard	$12.70	$12.70	$12.70
Windstream Communications Kerrville	$12.70	$12.70	$12.70
Windstream Ohio	$12.70	$12.70	$12.70
Windstream Concord	$12.70	$12.70	$12.70
Windstream Lexcom	$12.70	$12.70	$12.70
Windstream Lakedale, Inc. #1414	$12.70	$12.70	$12.70
Windstream Lakedale, Inc. #1482	$12.70	$12.70	$12.70
Windstream Georgia Telephone	$21.66	$21.66	$21.66
Windstream Montezuma	$21.66	$21.66	$21.66
Windstream Buffalo Valley	$21.66	$21.66	$21.66
Windstream Conestoga	$21.66	$21.66	$21.66
Windstream D&E	$21.66	$21.66	$21.66
Windstream Accucom	$21.66	$21.66	$21.66

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in 7.10 preceding.

(A) Channel Termination Per Termination

(1) 1.544 Mbps

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 64922.30	$ 303.00	C
Windstream Florida	64922.30	303.00	C
Windstream GA. Communications Corp.	64922.30	303.00	C
Georgia Windstream, Inc.	64922.30	303.00	C
Windstream Kentucky	64922.30	303.00	C
Windstream New York, Inc. - Fulton	64922.30	303.00	C
Windstream New York, Inc. - Jamestown	64922.30	303.00	C
Windstream New York, Inc. - Red Jacket	64922.30	303.00	C
Oklahoma Windstream, Inc.	64922.30	303.00	C
Windstream Pennsylvania	64922.30	303.00	C
Windstream Sugar Land	64922.30	303.00	C
Windstream Georgia	64922.30	303.00	C
Windstream Mississippi	64922.30	303.00	C
Windstream Missouri	64922.30	303.00	C
Windstream Oklahoma	64922.30	303.00	C
Windstream South Carolina	64922.30	303.00	C
Windstream Western Reserve	64922.30	303.00	C
Windstream Alabama	64922.30	303.00	C
Texas Windstream	64922.30	303.00	C
Windstream Arkansas	64922.30	303.00	C
Windstream Communications Kerrville	64922.30	303.00	C
Windstream Ohio	64922.30	303.00	C
Windstream Concord	64922.30	303.00	C
Windstream Lexcom	64922.30	303.00	C
Windstream Nebraska	64922.30	474.00	C
Windstream Kentucky East - Lexington	64922.30	450.00	C
Windstream Kentucky East - London	64922.30	450.00	C
Valor Oklahoma	64922.30	254.00	C
Valor New Mexico #1164	64922.30	245.00	C
Valor New Mexico #1193	64922.30	245.00	C
Valor Texas #1163	64922.30	245.00	C
Valor Texas #1181	64922.30	245.00	C
Windstream Iowa Communications #1167	64922.30	350.00	C
Windstream Iowa Communications #1170,#1178	64922.30	350.00	C
Windstream Lakedale, Inc. #1414	64922.30	303.00	C
Windstream Lakedale, Inc. #1482	64922.30	303.00	C
Windstream Georgia Telephone	64922.30	330.00	C
Windstream Montezuma	64922.30	330.00	C
Windstream Buffalo Valley	64922.30	330.00	C
Windstream Conestoga	64922.30	330.00	C
Windstream D&E	64922.30	330.00	C
Windstream Accucom	64922.30	330.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)
(2) 44.736 Mbps
- Electrical Capacity of 1 - Monthly

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 777002.96	$ 333.00	C
Windstream Florida	777002.96	333.00	C
Windstream GA. Communications Corp.	777002.96	333.00	C
Georgia Windstream, Inc.	777002.96	333.00	C
Windstream Kentucky	777002.96	333.00	C
Windstream New York, Inc. - Fulton	777002.96	333.00	C
Windstream New York, Inc. - Jamestown	777002.96	333.00	C
Windstream New York, Inc. - Red Jacket	777002.96	333.00	C
Oklahoma Windstream, Inc.	777002.96	333.00	C
Windstream Pennsylvania	777002.96	333.00	C
Windstream Sugar Land	777002.96	333.00	C
Windstream Georgia	777002.96	333.00	C
Windstream Mississippi	777002.96	333.00	C
Windstream Missouri	777002.96	333.00	C
Windstream Oklahoma	777002.96	333.00	C
Windstream South Carolina	777002.96	333.00	C
Windstream Western Reserve	777002.96	333.00	C
Windstream Alabama	777002.96	333.00	C
Texas Windstream	777002.96	333.00	C
Windstream Arkansas	777002.96	333.00	C
Windstream Communications Kerrville	777002.96	333.00	C
Windstream Ohio	777002.96	333.00	C
Windstream Concord	777002.96	333.00	C
Windstream Lexcom	777002.96	333.00	C
Windstream Nebraska	777002.96	430.00	C
Windstream Kentucky East – Lexington	777002.96	1000.00	C
Windstream Kentucky East - London	777002.96	1000.00	C
Valor Oklahoma	777002.96	900.00	C
Valor New Mexico #1164	777002.96	900.00	C
Valor New Mexico #1193	777002.96	900.00	C
Valor Texas #1163	777002.96	900.00	C
Valor Texas #1181	777002.96	900.00	C
Windstream Iowa Communications #1167	777002.96	1000.00	C
Windstream Iowa Communications #1170,#1178	777002.96	1000.00	C
Windstream Lakedale, Inc. #1414	777002.96	333.00	C
Windstream Lakedale, Inc. #1482	777002.96	333.00	C
Windstream Georgia Telephone	777002.96	445.00	C
Windstream Montezuma	777002.96	445.00	C
Windstream Buffalo Valley	777002.96	445.00	C
Windstream Conestoga	777002.96	445.00	C
Windstream D&E	777002.96	445.00	C
Windstream Accucom	777002.96	445.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(A) Channel Termination Per Termination (Cont'd)

(3) 44.736 Mbps (Cont'd)

- Optical Capacity of 1 - Monthly

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 777002.96	$ 333.00	C
Windstream Florida	777002.96	333.00	C
Windstream GA. Communications Corp.	777002.96	333.00	C
Georgia Windstream, Inc.	777002.96	333.00	C
Windstream Kentucky	777002.96	333.00	C
Windstream New York, Inc. - Fulton	777002.96	333.00	C
Windstream New York, Inc. - Jamestown	777002.96	333.00	C
Windstream New York, Inc. - Red Jacket	777002.96	333.00	C
Oklahoma Windstream, Inc.	777002.96	333.00	C
Windstream Pennsylvania	777002.96	333.00	C
Windstream Sugar Land	777002.96	333.00	C
Windstream Georgia	777002.96	333.00	C
Windstream Mississippi	777002.96	333.00	C
Windstream Missouri	777002.96	333.00	C
Windstream Oklahoma	777002.96	333.00	C
Windstream South Carolina	777002.96	333.00	C
Windstream Western Reserve	777002.96	333.00	C
Windstream Alabama	777002.96	333.00	C
Texas Windstream	777002.96	333.00	C
Windstream Arkansas	777002.96	333.00	C
Windstream Communications Kerrville	777002.96	333.00	C
Windstream Ohio	777002.96	333.00	C
Windstream Concord	777002.96	333.00	C
Windstream Lexcom	777002.96	333.00	C
Windstream Nebraska	777002.96	430.00	C
Windstream Kentucky East – Lexington	777002.96	1000.00	C
Windstream Kentucky East - London	777002.96	1000.00	C
Valor Oklahoma	777002.96	900.00	C
Valor New Mexico #1164	777002.96	900.00	C
Valor New Mexico #1193	777002.96	900.00	C
Valor Texas #1163	777002.96	900.00	C
Valor Texas #1181	777002.96	900.00	C
Windstream Lakedale, Inc. #1414	777002.96	333.00	C
Windstream Lakedale, Inc. #1414	777002.96	333.00	C
Windstream Georgia Telephone	777002.96	445.00	C
Windstream Montezuma	777002.96	445.00	C
Windstream Buffalo Valley	777002.96	445.00	C
Windstream Conestoga	777002.96	445.00	C
Windstream D&E	777002.96	445.00	C
Windstream Accucom	777002.96	445.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(1) 1.544 Mbps

Filing Entity	Facility Per Mile	Termination Per Termination	
Windstream North Carolina, Inc.	$ 5410.34	$ 16230.61	C
Windstream Florida	5410.34	16230.61	C
Windstream GA. Communications Corp.	5410.34	16230.61	C
Georgia Windstream, Inc.	5410.34	16230.61	C
Windstream Kentucky	5410.34	16230.61	C
Windstream New York, Inc. - Fulton	5410.34	16230.61	C
Windstream New York, Inc. - Jamestown	5410.34	16230.61	C
Windstream New York, Inc. - Red Jacket	5410.34	16230.61	C
Oklahoma Windstream, Inc.	5410.34	16230.61	C
Windstream Pennsylvania	5410.34	16230.61	C
Windstream Sugar Land	5410.34	16230.61	C
Windstream Georgia	5410.34	16230.61	C
Windstream Mississippi	5410.34	16230.61	C
Windstream Missouri	5410.34	16230.61	C
Windstream Oklahoma	5410.34	16230.61	C
Windstream South Carolina	5410.34	16230.61	C
Windstream Western Reserve	5410.34	16230.61	C
Windstream Alabama	5410.34	16230.61	C
Texas Windstream	5410.34	16230.61	C
Windstream Arkansas	5410.34	16230.61	C
Windstream Standard	5410.34	16230.61	C
Windstream Communications Kerrville	5410.34	16230.61	C
Windstream Ohio	5410.34	16230.61	C
Windstream Concord	5410.34	16230.61	C
Windstream Lexcom	5410.34	16230.61	C
Windstream Nebraska – Zone 1	5410.34	16230.61	C
Windstream Nebraska – Zone 2	5410.34	16230.61	C
Windstream Nebraska – Zone 3	5410.34	16230.61	C
Windstream Kentucky East - Lexington	5410.34	16230.61	C
Windstream Kentucky East - London	5410.34	16230.61	C
Valor Oklahoma	5410.34	16230.61	C
Valor New Mexico #1164	5410.34	16230.61	C
Valor New Mexico #1193	5410.34	16230.61	C
Valor Texas #1163	5410.34	16230.61	C
Valor Texas #1181	5410.34	16230.61	C
Windstream Iowa Communications #1167	5410.34	16230.61	C
Windstream Iowa Communications #1170,#1178	5410.34	16230.61	C
Windstream Lakedale, Inc. #1414	5410.34	16230.61	C
Windstream Lakedale, Inc. #1482	5410.34	16230.61	C
Windstream Georgia Telephone	5410.34	16230.61	C
Windstream Montezuma	5410.34	16230.61	C
Windstream Buffalo Valley	5410.34	16230.61	C
Windstream Conestoga	5410.34	16230.61	C
Windstream D&E	5410.34	16230.61	C
Windstream Accucom	5410.34	16230.61	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) 44.736 Mbps

- Month to Month

Filing Entity	Facility Per Mile	Termination Per Termination	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 25969.06	$ 147157.21	$	C
Windstream Florida	25969.06	147157.21		C
Windstream GA. Communications Corp.	25969.06	147157.21		C
Georgia Windstream, Inc.	25969.06	147157.21		C
Windstream Kentucky	25969.06	147157.21		C
Windstream New York, Inc. - Fulton	25969.06	147157.21		C
Windstream New York, Inc. - Jamestown	25969.06	147157.21		C
Windstream New York, Inc. - Red Jacket	25969.06	147157.21		C
Oklahoma Windstream, Inc.	25969.06	147157.21		C
Windstream Pennsylvania	25969.06	147157.21		C
Windstream Sugar Land	25969.06	147157.21		C
Windstream Georgia	25969.06	147157.21		C
Windstream Mississippi	25969.06	147157.21		C
Windstream Missouri	25969.06	147157.21		C
Windstream Oklahoma	25969.06	147157.21		C
Windstream South Carolina	25969.06	147157.21		C
Windstream Western Reserve	25969.06	147157.21		C
Windstream Alabama	25969.06	147157.21		C
Texas Windstream	25969.06	147157.21		C
Windstream Arkansas	25969.06	147157.21		C
Windstream Standard	25969.06	147157.21		C
Windstream Communications Kerrville	25969.06	147157.21		C
Windstream Ohio	25969.06	147157.21		C
Windstream Concord	25969.06	147157.21		C
Windstream Lexcom	25969.06	147157.21		C
Windstream Nebraska	25969.06	147157.21	500.00	C
Windstream Kentucky East - Lexington	25969.06	147157.21		C
Windstream Kentucky East - London	25969.06	147157.21		C
Valor Oklahoma	25969.06	147157.21		C
Valor New Mexico #1164	25969.06	147157.21		C
Valor New Mexico #1193	25969.06	147157.21		C
Valor Texas #1163	25969.06	147157.21		C
Valor Texas #1181	25969.06	147157.21		C
Windstream Iowa Communications #1167	25969.06	147157.21		C
Windstream Iowa Communications #1170,#1178	25969.06	147157.21		C
Windstream Lakedale, Inc. #1414	25969.06	147157.21		C
Windstream Lakedale, Inc. #1482	25969.06	147157.21		C
Windstream Georgia Telephone	25969.06	147157.21		C
Windstream Montezuma	25969.06	147157.21		C
Windstream Buffalo Valley	25969.06	147157.21		C
Windstream Conestoga	25969.06	147157.21		C
Windstream D&E	25969.06	147157.21		C
Windstream Accucom	25969.06	147157.21		C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

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

(1) Multiplexing, per arrangement

(a) DS3 to DS1

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 103875.74		C
Windstream Florida	103875.74		C
Windstream GA. Communications Corp.	103875.74		C
Georgia Windstream, Inc.	103875.74		C
Windstream Kentucky	103875.74		C
Windstream NY, Inc. - Fulton	103875.74		C
Windstream NY, Inc. - Jamestown	103875.74		C
Windstream NY, Inc. - Red Jacket	103875.74		C
Oklahoma Windstream, Inc.	103875.74		C
Windstream Pennsylvania	103875.74		C
Windstream Sugar Land	103875.74		C
Windstream Georgia	103875.74		C
Windstream Mississippi	103875.74		C
Windstream Missouri	103875.74		C
Windstream Oklahoma	103875.74		C
Windstream South Carolina	103875.74		C
Windstream Western Reserve	103875.74		C
Windstream Alabama	103875.74		C
Texas Windstream	103875.74		C
Windstream Arkansas	103875.74		C
Windstream Standard	103875.74		C
Windstream Communications Kerrville	103875.74		C
Windstream Ohio	103875.74		C
Windstream Concord	103875.74		C
Windstream Lexcom	103875.74		C
Windstream Nebraska	103875.74		C
Windstream Kentucky East - Lexington	103875.74	$ 450.00	C
Windstream Kentucky East - London	103875.74		C
Valor Oklahoma	103875.74	495.00	C
Valor New Mexico #1164	103875.74	250.00	C
Valor New Mexico #1193	103875.74	250.00	C
Valor Texas #1163	103875.74	250.00	C
Valor Texas #1181	103875.74	250.00	C
Windstream Iowa Communications #1167	103875.74	450.00	C
Windstream Iowa Communications #1170,#1178	103875.74	450.00	C
Windstream Lakedale, Inc. #1414	103875.74		C
Windstream Lakedale, Inc. #1482	103875.74		C
Windstream Georgia Telephone	103875.74		C
Windstream Montezuma	103875.74		C
Windstream Buffalo Valley	103875.74		C
Windstream Conestoga	103875.74		C
Windstream D&E	103875.74		C
Windstream Accucom	103875.74		C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

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

(1) Multiplexing, per arrangement

(b) DS1 to Voice*

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 27051.19		C
Windstream Florida	27051.19		C
Windstream GA. Communications Corp.	27051.19		C
Georgia Windstream, Inc.	27051.19		C
Windstream Kentucky	27051.19		C
Windstream NY, Inc. - Fulton	27051.19		C
Windstream NY, Inc. - Jamestown	27051.19		C
Windstream NY, Inc. - Red Jacket	27051.19		C
Oklahoma Windstream, Inc.	27051.19		C
Windstream Pennsylvania	27051.19		C
Windstream Sugar Land	27051.19		C
Windstream Georgia	27051.19		C
Windstream Mississippi	27051.19		C
Windstream Missouri	27051.19		C
Windstream Oklahoma	27051.19		C
Windstream South Carolina	27051.19		C
Windstream Western Reserve	27051.19		C
Windstream Alabama	27051.19		C
Texas Windstream	27051.19		C
Windstream Arkansas	27051.19		C
Windstream Standard	27051.19		C
Windstream Communications Kerrville	27051.19		C
Windstream Ohio	27051.19		C
Windstream Concord	27051.19		C
Windstream Lexcom	27051.19		C
Windstream Nebraska	27051.19		C
Windstream Kentucky East - Lexington	27051.19		C
Windstream Kentucky East - London	27051.19		C
Valor Oklahoma	27051.19	$ 800.00	C
Valor New Mexico #1164	27051.19	800.00	C
Valor New Mexico #1193	27051.19	800.00	C
Valor Texas #1163	27051.19	800.00	C
Valor Texas #1181	27051.19	800.00	C
Windstream Iowa Communications #1167	27051.19	800.00	C
Windstream Iowa Communications #1170,#1178	27051.19	800.00	C
Windstream Lakedale, Inc. #1414	27051.19		C
Windstream Lakedale, Inc. #1482	27051.19		C
Windstream Georgia Telephone	27051.19		C
Windstream Montezuma	27051.19		C
Windstream Buffalo Valley	27051.19		C
Windstream Conestoga	27051.19		C
Windstream D&E	27051.19		C
Windstream Accucom	27051.19		C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

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

(1) Multiplexing, per arrangement

(c) DS1 to DS0

Filing Entity		Monthly Rate	
Windstream North Carolina, Inc.	$	27051.19	C
Windstream Florida		27051.19	C
Windstream GA. Communications Corp.		27051.19	C
Georgia Windstream, Inc.		27051.19	C
Windstream Kentucky		27051.19	C
Windstream NY, Inc. - Fulton		27051.19	C
Windstream NY, Inc. - Jamestown		27051.19	C
Windstream NY, Inc. - Red Jacket		27051.19	C
Oklahoma Windstream, Inc.		27051.19	C
Windstream Pennsylvania		27051.19	C
Windstream Sugar Land		27051.19	C
Windstream Georgia		27051.19	C
Windstream Mississippi		27051.19	C
Windstream Missouri		27051.19	C
Windstream Oklahoma		27051.19	C
Windstream South Carolina		27051.19	C
Windstream Western Reserve		27051.19	C
Windstream Alabama		27051.19	C
Texas Windstream		27051.19	C
Windstream Arkansas		27051.19	C
Windstream Standard		27051.19	C
Windstream Communications Kerrville		27051.19	C
Windstream Ohio		27051.19	C
Windstream Concord		27051.19	C
Windstream Lexcom		27051.19	C
Windstream Nebraska		27051.19	C
Windstream Kentucky East - Lexington		27051.19	C
Windstream Kentucky East - London		27051.19	C
Valor Oklahoma		27051.19	C
Valor New Mexico #1164		27051.19	C
Valor New Mexico #1193		27051.19	C
Valor Texas #1163		27051.19	C
Valor Texas #1181		27051.19	C
Windstream Iowa Communications #1170,#1178		27051.19	C
Windstream Lakedale, Inc. #1414		27051.19	C
Windstream Lakedale, Inc. #1482		27051.19	C
Windstream Georgia Telephone		27051.19	C
Windstream Montezuma		27051.19	C
Windstream Buffalo Valley		27051.19	C
Windstream Conestoga		27051.19	C
Windstream D&E		27051.19	C
Windstream Accucom		27051.19	C
			C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)
(C) Optional Features and Functions (Cont'd)
(1) Multiplexing, per arrangement
(d) DS0 to Subrates

Filing Entity	Up to 20 2.4 Kbps	Up to 10 4.8 Kbps	Up to 5 9.6 Kbps	Up to 2 19.2 Kbps
Windstream North Carolina, Inc.	ICB	ICB	ICB	ICB
Windstream Florida	ICB	ICB	ICB	ICB
Windstream GA. Communications Corp.	ICB	ICB	ICB	ICB
Georgia Windstream, Inc.	ICB	ICB	ICB	ICB
Windstream Kentucky	ICB	ICB	ICB	ICB
Windstream NY, Inc. - Fulton	ICB	ICB	ICB	ICB
Windstream NY, Inc. - Jamestown	ICB	ICB	ICB	ICB
Windstream NY, Inc. - Red Jacket	ICB	ICB	ICB	ICB
Oklahoma Windstream, Inc.	ICB	ICB	ICB	ICB
Windstream Pennsylvania	ICB	ICB	ICB	ICB
Windstream Sugar Land	$626.05	$322.68	$224.33	ICB
Windstream Georgia	ICB	ICB	ICB	ICB
Windstream Mississippi	ICB	ICB	ICB	ICB
Windstream Missouri	ICB	ICB	ICB	ICB
Windstream Oklahoma	ICB	ICB	ICB	ICB
Windstream South Carolina	ICB	ICB	ICB	ICB
Windstream Western Reserve	ICB	ICB	ICB	ICB
Windstream Alabama	ICB	ICB	ICB	ICB
Texas Windstream	ICB	ICB	ICB	ICB
Windstream Arkansas	ICB	ICB	ICB	ICB
Windstream Standard	ICB	ICB	ICB	ICB
Windstream Communications Kerrville	ICB	ICB	ICB	ICB
Windstream Ohio	ICB	ICB	ICB	ICB
Windstream Concord	ICB	ICB	ICB	ICB
Windstream Lexcom	ICB	ICB	ICB	ICB
Windstream Nebraska	471.24	471.24	471.24	ICB
Windstream Kentucky East - Lexington	200.00	150.00	125.00	ICB
Windstream Kentucky East - London	200.00	150.00	125.00	ICB
Valor Oklahoma	200.00	150.00	125.00	ICB
Valor New Mexico #1164	200.00	150.00	125.00	ICB
Valor New Mexico #1193	200.00	150.00	125.00	ICB
Valor Texas #1163	200.00	150.00	125.00	ICB
Valor Texas #1181	200.00	150.00	125.00	ICB
Windstream Iowa Communications #1167	200.00	150.00	125.00	ICB
Windstream Iowa Communications #1170,#1178	200.00	150.00	125.00	ICB
Windstream Georgia Telephone	408.01	277.25	245.84	ICB
Windstream Montezuma	408.01	277.25	245.84	ICB
Windstream Buffalo Valley	408.01	277.25	245.84	ICB
Windstream Conestoga	408.01	277.25	245.84	ICB
Windstream D&E	408.01	277.25	245.84	ICB
Windstream Accucom	408.01	277.25	245.84	ICB

Filing Entity	Nonrecurring Charge	
Windstream Kentucky East - Lexington	$800.00	
Windstream Kentucky East - London	800.00	
Valor Oklahoma	800.00	
Valor New Mexico #1164	800.00	
Valor New Mexico #1193	800.00	
Valor Texas #1163	800.00	
Valor Texas #1181	800.00	
Windstream Iowa Communications #1167	800.00	
Windstream Iowa Communications #1170,#1178*	800.00	(4.8 and 9.6 Only)

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

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

(2) Automatic Loop Transfer - Per arrangement*

Filing Entity	Monthly Rate	Nonrecurring Charge
Windstream North Carolina, Inc.		
Windstream Florida		
Windstream GA. Communications Corp.		
Georgia Windstream, Inc.		
Windstream Kentucky		
Windstream NY, Inc. - Fulton		
Windstream NY, Inc. - Jamestown		
Windstream NY, Inc. - Red Jacket		
Oklahoma Windstream, Inc.		
Windstream Pennsylvania		
Windstream Sugar Land	$431.33	
Windstream Georgia		
Windstream Mississippi		
Windstream Missouri		
Windstream Oklahoma		
Windstream South Carolina		
Windstream Western Reserve		
Windstream Alabama		
Texas Windstream		
Windstream Arkansas		
Windstream Nebraska	209.00	
Windstream Kentucky East - Lexington	100.00	
Windstream Kentucky East - London	100.00	
Valor Oklahoma	100.00	
Valor New Mexico #1164	100.00	
Valor New Mexico #1193	100.00	
Valor Texas #1163	100.00	
Valor Texas #1181	100.00	
Windstream Iowa Communications #1167	100.00	700.00
Windstream Iowa Communications #1170,#1178	165.00	
Windstream Georgia Telephone	110.19	
Windstream Montezuma	110.19	
Windstream Buffalo Valley	110.19	
Windstream Conestoga	110.19	
Windstream D&E	110.19	
Windstream Accucom	110.19	

(3) Clear Channel Capability
- per 1.544 Mbps Transmission Path

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream Nebraska	2164.34	$100.91	C
Windstream Kentucky East – Lexington	2164.34	90.00	C
Windstream Kentucky East – London	2164.34	800.00	C
Valor Oklahoma	2164.34	90.00	C
Valor New Mexico #1164	2164.34	80.00	C
Valor New Mexico #1193	2164.34	80.00	C
Valor Texas #1163	2164.34	90.00	C
Valor Texas #1181	2164.34	90.00	C
Windstream Iowa Communications #1167	2164.34	350.00	C
Windstream Iowa Communications #1170,#1178	2164.34	350.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

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

(4) Transfer Arrangement
(key activated** or dial up***)
- Per four port arrangement including* control channel termination****

Filing Entity	Monthly Rate
Windstream North Carolina, Inc.	
Windstream Florida	
Windstream GA. Communications Corp.	
Georgia Windstream, Inc.	
Windstream Kentucky	
Windstream NY, Inc. - Fulton	
Windstream NY, Inc. - Jamestown	
Windstream NY, Inc. - Red Jacket	
Oklahoma Windstream, Inc.	
Windstream Pennsylvania	
Windstream Sugar Land	$183.29
Windstream Georgia	
Windstream Mississippi	
Windstream Missouri	
Windstream Oklahoma	
Windstream South Carolina	
Windstream Western Reserve	
Windstream Alabama	
Texas Windstream	
Windstream Arkansas	
Valor Oklahoma	165.00
Valor New Mexico #1164	165.00
Valor New Mexico #1193	165.00
Valor Texas #1163	165.00
Valor Texas #1181	165.00
Windstream Iowa Communications #1170,#1178	165.00
Windstream Georgia Telephone	120.10
Windstream Montezuma	120.10
Windstream Buffalo Valley	120.10
Windstream Conestoga	120.10
Windstream D&E	120.10
Windstream Accucom	120.10

(5) Battery Back-Up, Per Arrangement

Filing Entity	Monthly Rate
Windstream Nebraska	$92.00

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1

	Monthly Rate	Nonrecurring Charges	
(1) Channel Termination - Monthly -Per Termination			
2 X 56 Kbps or 2 X 64 Kbps			
Windstream Kentucky East – Lexington	$ 16230.61	$ 450.00	C
Valor Oklahoma	16230.61	450.00	C
Valor New Mexico #1164	16230.61	450.00	C
Valor New Mexico #1193	16230.61	450.00	C
Valor Texas #1163	16230.61	450.00	C
Valor Texas #1181	16230.61	450.00	C
4 X 56 Kbps or 4 X 64 Kbps			
Windstream Kentucky East – Lexington	$ 16230.61	$ 450.00	C
Valor Oklahoma	16230.61	450.00	C
Valor New Mexico #1164	16230.61	450.00	C
Valor New Mexico #1193	16230.61	450.00	C
Valor Texas #1163	16230.61	450.00	C
Valor Texas #1181	16230.61	450.00	C
6 X 56 Kbps or 6 X 64 Kbps			
Windstream Kentucky East – Lexington	$ 16230.61	$ 450.00	C
Valor Oklahoma	16230.61	450.00	C
Valor New Mexico #1164	16230.61	450.00	C
Valor New Mexico #1193	16230.61	450.00	C
Valor Texas #1163	16230.61	450.00	C
Valor Texas #1181	16230.61	450.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1 (Cont'd)

		Monthly Rate	
(2)	Channel Mileage - Monthly		
	(a) Channel Mileage Facility - Per Mile		
	2 X 56 Kbps or 2 X 64 Kbps		
	Windstream Kentucky East – Lexington	$ 1082.52	C
	Valor Oklahoma	1082.52	C
	Valor New Mexico #1164	1082.52	C
	Valor New Mexico #1193	1082.52	C
	Valor Texas #1163	1082.52	C
	Valor Texas #1181	1082.52	C
	4 X 56 Kbps or 4 X 64 Kbps		
	Windstream Kentucky East – Lexington	$ 1082.52	C
	Valor Oklahoma	1082.52	C
	Valor New Mexico #1164	1082.52	C
	Valor New Mexico #1193	1082.52	C
	Valor Texas #1163	1082.52	C
	Valor Texas #1181	1082.52	C
	6 X 56 Kbps or 6 X 64 Kbps		
	Windstream Kentucky East – Lexington	$ 1082.52	C
	Valor Oklahoma	1082.52	C
	Valor New Mexico #1164	1082.52	C
	Valor New Mexico #1193	1082.52	C
	Valor Texas #1163	1082.52	C
	Valor Texas #1181	1082.52	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1 (Cont'd)

	Monthly Rate	
(2) Channel Mileage (Cont'd)		
(b) Channel Mileage Termination - Monthly - Per Termination		
2 X 56 Kbps or 2 X 64 Kbps		
Windstream Kentucky East – Lexington	$ 10820.91	C
Valor Oklahoma	10820.91	C
Valor New Mexico #1164	10820.91	C
Valor New Mexico #1193	10820.91	C
Valor Texas #1163	10820.91	C
Valor Texas #1181	10820.91	C
4 X 56 Kbps or 4 X 64 Kbps		
Windstream Kentucky East – Lexington	$ 10820.91	C
Valor Oklahoma	10820.91	C
Valor New Mexico #1164	10820.91	C
Valor New Mexico #1193	10820.91	C
Valor Texas #1163	10820.91	C
Valor Texas #1181	10820.91	C
6 X 56 Kbps or 6 X 64 Kbps		
Windstream Kentucky East – Lexington	$ 10820.91	C
Valor Oklahoma	10820.91	C
Valor New Mexico #1164	10820.91	C
Valor New Mexico #1193	10820.91	C
Valor Texas #1163	10820.91	C
Valor Texas #1181	10820.91	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1 (Cont'd)

	Monthly Rate	Nonrecurring Charges	
(3) Channel Termination – 12 Months -Per Termination			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 16230.61	-	C
4 X 56 Kbps or 4 X 64 Kbps	16230.61	-	C
6 X 56 Kbps or 6 X 64 Kbps	16230.61	-	C
(4) Channel Mileage – 12 Months			
(a) Channel Mileage Facility - Per Mile			
2 X 56 Kbps or 2 X 64 Kbps	$ 1082.52	-	C
4 X 56 Kbps or 4 X 64 Kbps	1082.52	-	C
6 X 56 Kbps or 6 X 64 Kbps	1082.52	-	C
(b) Channel Mileage Termination – 12 Months - Per Termination			
2 X 56 Kbps or 2 X 64 Kbps	$ 10820.91	-	C
4 X 56 Kbps or 4 X 64 Kbps	10820.91	-	C
6 X 56 Kbps or 6 X 64 Kbps	10820.91	-	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1 (Cont'd)

	Monthly Rate	Nonrecurring Charges	
(5) Channel Termination – 36 Months -Per Termination			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 16230.61	-	C
4 X 56 Kbps or 4 X 64 Kbps	16230.61	-	C
6 X 56 Kbps or 6 X 64 Kbps	16230.61	-	C
(6) Channel Mileage – 36 Months			
(a) Channel Mileage Facility - Per Mile			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 1082.52	-	C
4 X 56 Kbps or 4 X 64 Kbps	1082.52	-	C
6 X 56 Kbps or 6 X 64 Kbps	1082.52	-	C
(b) Channel Mileage Termination – 36 Months - Per Termination			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 10820.91	-	C
4 X 56 Kbps or 4 X 64 Kbps	10820.91	-	C
6 X 56 Kbps or 6 X 64 Kbps	10820.91	-	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(D) Digital FT1 (Cont'd)

	Monthly Rate	Nonrecurring Charges	
(7) Channel Termination – 60 Months -Per Termination			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 16230.61	-	C
4 X 56 Kbps or 4 X 64 Kbps	16230.61	-	C
6 X 56 Kbps or 6 X 64 Kbps	16230.61	-	C
(8) Channel Mileage – 60 Months			
(a) Channel Mileage Facility - Per Mile			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 1082.52	-	C
4 X 56 Kbps or 4 X 64 Kbps	1082.52	-	C
6 X 56 Kbps or 6 X 64 Kbps	1082.52	-	C
(b) Channel Mileage Termination – 60 Months - Per Termination			
Windstream Kentucky East – Lexington			
2 X 56 Kbps or 2 X 64 Kbps	$ 10820.91	-	C
4 X 56 Kbps or 4 X 64 Kbps	10820.91	-	C
6 X 56 Kbps or 6 X 64 Kbps	10820.91	-	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.8 High Capacity Service (Cont'd)

(E) Special Access Cross Connect

(1) DSO	Rate
Windstream Kentucky East – Lexington	2.15
Windstream Kentucky East – London	2.15
Valor Oklahoma	2.21
Valor New Mexico #1164	ICB
Valor New Mexico #1193	ICB
Valor Texas #1163	2.31
Valor Texas #1181	1.59

(2) DS1	
Windstream Nebraska	3.07
Windstream Kentucky East – Lexington	4.56
Windstream Kentucky East – London	4.56
Valor Oklahoma	5.30
Valor New Mexico #1164	ICB
Valor New Mexico #1193	ICB
Valor Texas #1163	5.31
Valor Texas #1181	3.63

(3) DS3	
Windstream Nebraska	80.76
Windstream Kentucky East – Lexington	33.79
Windstream Kentucky East – London	33.79
Valor Oklahoma	38.75
Valor New Mexico #1164	ICB
Valor New Mexico #1193	ICB
Valor Texas #1163	36.81
Valor Texas #1181	24.77

(F) ADSL Network Access Link

All Filing		Entities
Connection which provides 50 Logical Access Links:		
- Per DS1 (1.544 mbps)	$ 399.95	$ 499.95
- Per DS3 (44.736 mbps)	$2250.00	$ 700.00
Additional block of 50 Logical Access Links	$ 99.95	$ 99.95

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.9 Service Discount Plans

a) High Capacity 1.544 Mbps (DS1)*

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

b) High Capacity 44.736 Mbps (DS3)*

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

c) Synchronous Optical Channel 155.52 Mbps (OC3)*

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

d) Synchronous Optical Channel 622.08 Mbps (OC12)*

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

e) High Capacity 1.544 Mbps (DS1)

Plan Length	Discount %	
36 Months	25%	(C)
60 Months	7.5%	

f) High Capacity 44.736 Mbps (DS3)

Plan Length	Discount %	
36 Months	25%	(C)
60 Months	7.5%	

g) Synchronous Optical Channel 155.52 Mbps (OC3)

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

h) Synchronous Optical Channel 622.08 Mbps (OC12)

Plan Length	Discount %
36 Months	5.0%
60 Months	7.5%

* The discount percentages noted in a) through d) above will apply (1) for services ordered and processed under Windstream's standard intervals by December 31,2019 until the expiration of the term period. (C)

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.11 preceding.

(A) Channel Termination, per Termination

(1) 155.52 Mbps (OC3)

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 1295004.89	$ 550.00	C
Windstream Florida	1295004.89	550.00	C
Windstream GA. Communications Corp.	1295004.89	550.00	C
Georgia Windstream, Inc.	1295004.89	550.00	C
Windstream Kentucky	1295004.89	550.00	C
Windstream New York, Inc. - Fulton	1295004.89	550.00	C
Windstream New York, Inc. - Jamestown	1295004.89	550.00	C
Windstream New York, Inc. - Red Jacket	1295004.89	550.00	C
Oklahoma Windstream, Inc.	1295004.89	550.00	C
Windstream Pennsylvania	1295004.89	550.00	C
Windstream Sugar Land	1295004.89	550.00	C
Windstream Georgia	1295004.89	550.00	C
Windstream Mississippi	1295004.89	550.00	C
Windstream Missouri	1295004.89	550.00	C
Windstream Oklahoma	1295004.89	550.00	C
Windstream South Carolina	1295004.89	550.00	C
Windstream Western Reserve	1295004.89	550.00	C
Windstream Alabama	1295004.89	550.00	C
Texas Windstream	1295004.89	550.00	C
Windstream Arkansas	1295004.89	550.00	C
Windstream Communications Kerrville	1295004.89	550.00	C
Windstream Ohio	1295004.89	550.00	C
Windstream Concord	1295004.89	550.00	C
Windstream Lexcom	1295004.89	550.00	C
Windstream Nebraska	1295004.89	550.00	C
Windstream Kentucky East - Lexington	1295004.89	1500.00	C
Windstream Kentucky East - London	1295004.89	1500.00	C
Valor Oklahoma	1295004.89	550.00	C
Valor New Mexico #1164	1295004.89	550.00	C
Valor New Mexico #1193	1295004.89	550.00	C
Valor Texas #1163	1295004.89	550.00	C
Valor Texas #1181	1295004.89	550.00	C
Windstream Lakedale, Inc. #1414	1295004.89	550.00	C
Windstream Lakedale, Inc. #1482	1295004.89	550.00	C
Windstream Georgia Telephone	1295004.89	360.00	C
Windstream Montezuma	1295004.89	360.00	C
Windstream Buffalo Valley	1295004.89	360.00	C
Windstream Conestoga	1295004.89	360.00	C
Windstream D&E	1295004.89	360.00	C
Windstream Accucom	1295004.89	360.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

(A) Channel Termination, per Termination (Cont'd)

(2) 622.08 Mbps (OC12)

Filing Entity	Monthly Rate	Nonrecurring Charge	
Windstream North Carolina, Inc.	$ 2590009.80	$ 550.00	C
Windstream Florida	2590009.80	550.00	C
Windstream GA. Communications Corp.	2590009.80	550.00	C
Georgia Windstream, Inc.	2590009.80	550.00	C
Windstream Kentucky	2590009.80	550.00	C
Windstream New York, Inc. - Fulton	2590009.80	550.00	C
Windstream New York, Inc. - Jamestown	2590009.80	550.00	C
Windstream New York, Inc. - Red Jacket	2590009.80	550.00	C
Oklahoma Windstream, Inc.	2590009.80	550.00	C
Windstream Pennsylvania	2590009.80	550.00	C
Windstream Sugar Land	2590009.80	550.00	C
Windstream Georgia	2590009.80	550.00	C
Windstream Mississippi	2590009.80	550.00	C
Windstream Missouri	2590009.80	550.00	C
Windstream Oklahoma	2590009.80	550.00	C
Windstream South Carolina	2590009.80	550.00	C
Windstream Western Reserve	2590009.80	550.00	C
Windstream Alabama	2590009.80	550.00	C
Texas Windstream	2590009.80	550.00	C
Windstream Arkansas	2590009.80	550.00	C
Windstream Communications Kerrville	2590009.80	550.00	C
Windstream Ohio	2590009.80	550.00	C
Windstream Concord	2590009.80	550.00	C
Windstream Lexcom	2590009.80	550.00	C
Windstream Nebraska	2590009.80	550.00	C
Windstream Kentucky East - Lexington	2590009.80	3000.0	C
Windstream Kentucky East - London	2590009.80	3000.0	C
Valor Oklahoma	2590009.80	550.00	C
Valor New Mexico #1164	2590009.80	550.00	C
Valor New Mexico #1193	2590009.80	550.00	C
Valor Texas #1163	2590009.80	550.00	C
Valor Texas #1181	2590009.80	550.00	C
Windstream Lakedale, Inc. #1414	2590009.80	550.00	C
Windstream Lakedale, Inc. #1482	2590009.80	550.00	C
Windstream Georgia Telephone	2590009.80	360.00	C
Windstream Montezuma	2590009.80	360.00	C
Windstream Buffalo Valley	2590009.80	360.00	C
Windstream Conestoga	2590009.80	360.00	C
Windstream D&E	2590009.80	360.00	C
Windstream Accucom	2590009.80	360.00	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

(B) Channel Mileage

(1) 155.52 Mbps (OC3)

Filing Entity	Facility per Mile	Termination per Termination	
Windstream North Carolina, Inc.	$ 14427.35	$ 105876.71	C
Windstream Florida	14427.35	105876.71	C
Windstream GA. Communications Corp.	14427.35	105876.71	C
Georgia Windstream, Inc.	14427.35	105876.71	C
Windstream Kentucky	14427.35	105876.71	C
Windstream New York, Inc. - Fulton	14427.35	105876.71	C
Windstream New York, Inc. - Jamestown	14427.35	105876.71	C
Windstream New York, Inc. - Red Jacket	14427.35	105876.71	C
Oklahoma Windstream, Inc.	14427.35	105876.71	C
Windstream Pennsylvania	14427.35	105876.71	C
Windstream Sugar Land	14427.35	105876.71	C
Windstream Georgia	14427.35	105876.71	C
Windstream Mississippi	14427.35	105876.71	C
Windstream Missouri	14427.35	105876.71	C
Windstream Oklahoma	14427.35	105876.71	C
Windstream South Carolina	14427.35	105876.71	C
Windstream Western Reserve	14427.35	105876.71	C
Windstream Alabama	14427.35	105876.71	C
Texas Windstream	14427.35	105876.71	C
Windstream Arkansas	14427.35	105876.71	C
Windstream Standard	14427.35	105876.71	C
Windstream Communications Kerrville	14427.35	105876.71	C
Windstream Ohio	14427.35	105876.71	C
Windstream Concord	14427.35	105876.71	C
Windstream Lexcom	14427.35	105876.71	C
Windstream Nebraska	14427.35	105876.71	C
Windstream Kentucky East - Lexington	14427.35	105876.71	C
Windstream Kentucky East - London	14427.35	105876.71	C
Valor Oklahoma	14427.35	105876.71	C
Valor New Mexico #1164	14427.35	105876.71	C
Valor New Mexico #1193	14427.35	105876.71	C
Valor Texas #1163	14427.35	105876.71	C
Valor Texas #1181	14427.35	105876.71	C
Windstream Lakedale, Inc. #1414	14427.35	105876.71	C
Windstream Lakedale, Inc. #1482	14427.35	105876.71	C
Windstream Georgia Telephone	14427.35	105876.71	C
Windstream Montezuma	14427.35	105876.71	C
Windstream Buffalo Valley	14427.35	105876.71	C
Windstream Conestoga	14427.35	105876.71	C
Windstream D&E	14427.35	105876.71	C
Windstream Accucom	14427.35	105876.71	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) 622.08 Mbps (OC12)

Filing Entity	Facility per Mile	Termination per Termination	
Windstream North Carolina, Inc.	$ 23850.60	$ 105876.71	C
Windstream Florida	23850.60	105876.71	C
Windstream GA. Communications Corp.	23850.60	105876.71	C
Georgia Windstream, Inc.	23850.60	105876.71	C
Windstream Kentucky	23850.60	105876.71	C
Windstream New York, Inc. - Fulton	23850.60	105876.71	C
Windstream New York, Inc. - Jamestown	23850.60	105876.71	C
Windstream New York, Inc. - Red Jacket	23850.60	105876.71	C
Oklahoma Windstream, Inc.	23850.60	105876.71	C
Windstream Pennsylvania	23850.60	105876.71	C
Windstream Sugar Land	23850.60	105876.71	C
Windstream Georgia	23850.60	105876.71	C
Windstream Mississippi	23850.60	105876.71	C
Windstream Missouri	23850.60	105876.71	C
Windstream Oklahoma	23850.60	105876.71	C
Windstream South Carolina	23850.60	105876.71	C
Windstream Western Reserve	23850.60	105876.71	C
Windstream Alabama	23850.60	105876.71	C
Texas Windstream	23850.60	105876.71	C
Windstream Arkansas	23850.60	105876.71	C
Windstream Standard	23850.60	105876.71	C
Windstream Communications Kerrville	23850.60	105876.71	C
Windstream Ohio	23850.60	105876.71	C
Windstream Concord	23850.60	105876.71	C
Windstream Lexcom	23850.60	105876.71	C
Windstream Nebraska	23850.60	105876.71	C
Windstream Kentucky East - Lexington	23850.60	105876.71	C
Windstream Kentucky East - London	23850.60	105876.71	C
Valor Oklahoma	23850.60	105876.71	C
Valor New Mexico #1164	23850.60	105876.71	C
Valor New Mexico #1193	23850.60	105876.71	C
Valor Texas #1163	23850.60	105876.71	C
Valor Texas #1181	23850.60	105876.71	C
Windstream Lakedale, Inc. #1414	23850.60	105876.71	C
Windstream Lakedale, Inc. #1482	23850.60	105876.71	C
Windstream Georgia Telephone	23850.60	105876.71	C
Windstream Montezuma	23850.60	105876.71	C
Windstream Buffalo Valley	23850.60	105876.71	C
Windstream Conestoga	23850.60	105876.71	C
Windstream D&E	23850.60	105876.71	C
Windstream Accucom	23850.60	105876.71	C

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

(C) Optional Features and Functions

(1) Customer Node

Per Node

Filing Entity	Monthly Rate OC3	Monthly Rate OC12	Nonrecurring Charge OC3	Nonrecurring Charge OC12
Windstream North Carolina, Inc.	$ 516.13	$ 1443.56	$	$
Windstream Florida	516.13	1443.56		
Windstream GA. Communications Corp.	516.13	1443.56		
Georgia Windstream, Inc.	516.13	1443.56		
Windstream Kentucky	516.13	1443.56		
Windstream New York, Inc. - Fulton	516.13	1443.56		
Windstream New York, Inc. - Jamestown	516.13	1443.56		
Windstream New York, Inc. – Red Jacket	516.13	1443.56		
Oklahoma Windstream, Inc.	516.13	1443.56		
Windstream Pennsylvania	516.13	1443.56		
Windstream Sugar Land	516.13	1443.56		
Windstream Georgia	516.13	1443.56		
Windstream Mississippi	516.13	1443.56		
Windstream Missouri	516.13	1443.56		
Windstream Oklahoma	516.13	1443.56		
Windstream South Carolina	516.13	1443.56		
Windstream Western Reserve	516.13	1443.56		
Windstream Alabama	516.13	1443.56		
Texas Windstream	516.13	1443.56		
Windstream Arkansas	516.13	1443.56		
Windstream Communications Kerrville	516.13	1443.56		
Windstream Ohio	516.13	1443.56		
Windstream Concord	516.13	1443.56		
Windstream Lexcom	516.13	1443.56		
Windstream Nebraska	516.13	1443.56		
Windstream Kentucky East - Lexington	975.00	2350.00	3000.00	6000.00
Windstream Kentucky East - London	975.00	2350.00	3000.00	6000.00
Valor Oklahoma	826.59	1536.65		
Valor New Mexico #1164	826.59	1536.65		
Valor New Mexico #1193	826.59	1536.65		
Valor Texas #1163	826.59	1536.65		
Valor Texas #1181	826.59	1536.65		
Windstream Lakedale, Inc. #1414	516.13	1443.56		
Windstream Lakedale, Inc. #1482	516.13	1443.56		
Windstream Georgia Telephone	335.72	969.88	640.00	640.00
Windstream Montezuma	335.72	969.88	640.00	640.00
Windstream Buffalo Valley	335.72	969.88	640.00	640.00
Windstream Conestoga	335.72	969.88	640.00	640.00
Windstream D&E	335.72	969.88	640.00	640.00
Windstream Accucom	335.72	969.88	640.00	640.00

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

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

(2) Customer Premises Port

Per Port

Filing Entity	DS1	DS3	OC3	Nonrecurring Charge(DS1/DS3)
Windstream North Carolina, Inc.	$ 24.85	$ 310.70		
Windstream Florida	24.85	310.70		
Windstream GA. Communications Corp.	24.85	310.70		
Georgia Windstream, Inc.	24.85	310.70		
Windstream Kentucky	24.85	310.70		
Windstream New York, Inc. - Fulton	24.85	310.70		
Windstream New York, Inc. - Jamestown	24.85	310.70		
Windstream New York, Inc. - Red Jacket	24.85	310.70		
Oklahoma Windstream, Inc.	24.85	310.70		
Windstream Pennsylvania	24.85	310.70		
Windstream Sugar Land	24.85	310.70		
Windstream Georgia	24.85	310.70		
Windstream Mississippi	24.85	310.70		
Windstream Missouri	24.85	310.70		
Windstream Oklahoma	24.85	310.70		
Windstream South Carolina	24.85	310.70		
Windstream Western Reserve	24.85	310.70		
Windstream Alabama	24.85	310.70		
Texas Windstream	24.85	310.70		
Windstream Arkansas	24.85	310.70		
Windstream Communications Kerrville	24.85	310.70		
Windstream Ohio	24.85	310.70		
Windstream Concord	24.85	310.70		
Windstream Lexcom	24.85	310.70		
Windstream Nebraska	24.85	310.70		
Windstream Kentucky East - Lexington	-	-		
Windstream Kentucky East - London	-	-		
Valor Oklahoma	24.85	310.70		
Valor New Mexico #1164	24.85	310.70		
Valor New Mexico #1193	24.85	310.70		
Valor Texas #1163	24.85	310.70		
Valor Texas #1181	24.85	310.70		
Windstream Lakedale, Inc. #1414	24.85	310.70		
Windstream Lakedale, Inc. #1482	24.85	310.70		
Windstream Georgia Telephone	33.90	132.26	137.70	640.00
Windstream Montezuma	33.90	132.26	137.70	640.00
Windstream Buffalo Valley	33.90	132.26	137.70	640.00
Windstream Conestoga	33.90	132.26	137.70	640.00
Windstream D&E	33.90	132.26	137.70	640.00
Windstream Accucom	33.90	132.26	137.70	640.00

17. Rates and Charges (Cont'd)

17.1 Special Access Service (Cont'd)

17.1.10 Synchronous Optical Channel Service (Cont'd)

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

(3) Add/Drop Multiplexing - Per Port

Filing Entity	DS1	DS3	OC3	
Windstream North Carolina, Inc.	$ 3035.34	$ 10117.13	$ 29340.02	C
Windstream Florida	3035.34	10117.13	29340.02	C
Windstream GA. Communications Corp.	3035.34	10117.13	29340.02	C
Georgia Windstream, Inc.	3035.34	10117.13	29340.02	C
Windstream Kentucky	3035.34	10117.13	29340.02	C
Windstream New York, Inc. - Fulton	3035.34	10117.13	29340.02	C
Windstream New York, Inc. - Jamestown	3035.34	10117.13	29340.02	C
Windstream New York, Inc. - Red Jacket	3035.34	10117.13	29340.02	C
Oklahoma Windstream, Inc.	3035.34	10117.13	29340.02	C
Windstream Pennsylvania	3035.34	10117.13	29340.02	C
Windstream Sugar Land	3035.34	10117.13	29340.02	C
Windstream Georgia	3035.34	10117.13	29340.02	C
Windstream Mississippi	3035.34	10117.13	29340.02	C
Windstream Missouri	3035.34	10117.13	29340.02	C
Windstream Oklahoma	3035.34	10117.13	29340.02	C
Windstream South Carolina	3035.34	10117.13	29340.02	C
Windstream Western Reserve	3035.34	10117.13	29340.02	C
Windstream Alabama	3035.34	10117.13	29340.02	C
Texas Windstream	3035.34	10117.13	29340.02	C
Windstream Arkansas	3035.34	10117.13	29340.02	C
Windstream Communications Kerrville	3035.34	10117.13	29340.02	C
Windstream Ohio	3035.34	10117.13	29340.02	C
Windstream Concord	3035.34	10117.13	29340.02	C
Windstream Lexcom	3035.34	10117.13	29340.02	C
Windstream Nebraska	3035.34	10117.13	29340.02	C
Windstream Kentucky East - Lexington	3035.34	10117.13	29340.02	C
Windstream Kentucky East - London	3035.34	10117.13	29340.02	C
Valor Oklahoma	3035.34	10117.13	29340.02	C
Valor New Mexico #1164	3035.34	10117.13	29340.02	C
Valor New Mexico #1193	3035.34	10117.13	29340.02	C
Valor Texas #1163	3035.34	10117.13	29340.02	C
Valor Texas #1181	3035.34	10117.13	29340.02	C
Windstream Lakedale, Inc. #1414	3035.34	10117.13	29340.02	C
Windstream Lakedale, inc. #1482	3035.34	10117.13	29340.02	C
Windstream Georgia Telephone	3035.34	10117.13	29340.02	C
Windstream Montezuma	3035.34	10117.13	29340.02	C
Windstream Buffalo Valley	3035.34	10117.13	29340.02	C
Windstream Conestoga	3035.34	10117.13	29340.02	C
Windstream D&E	3035.34	10117.13	29340.02	C
Windstream Accucom	3035.34	10117.13	29340.02	C

(D) ADSL Network Access Link

All Filing Entities

Connection which provides 50 Logical Access Links:		
- Per OC3 (155.52 mbps)	$3500.00	$1200.00
Additional block of 50 Logical Access Links	$ 99.95	$ 99.95

17. Rates and Charges (Cont'd)

17.2 Other Services

Rates contained in 17.2.1 following are applicable to all issuing carriers referencing Section 5 of this tariff. Rates contained in 17.2.2 through 17.2.4 following are applicable to all issuing carriers referencing Section 13 of this tariff. Rates contained in 17.2.5 following are applicable to all issuing carriers referencing Section 10 of this tariff. Rates contained in 17.2.6 following are applicable to all issuing carriers referencing Section 11 of this tariff. Rates contained in 17.2.7 following are applicable to all issuing carriers referencing Section 12 of this tariff. See the User's Guide for more information on issuing carrier status.

17.2.1 Access Ordering

(A) Access Order Charge
- Per Order

Filing Entity	Charge	Tariff Section Reference
Windstream North Carolina, Inc.	$68.00	5.4.1
Windstream Florida	68.00	5.4.1
Windstream GA. Communications Corp.	68.00	5.4.1
Georgia Windstream, Inc.	68.00	5.4.1
Windstream Kentucky West	68.00	5.4.1
Windstream NY, Inc. - Fulton	68.00	5.4.1
Windstream NY, Inc. - Jamestown	68.00	5.4.1
Windstream NY, Inc. - Red Jacket	68.00	5.4.1
Oklahoma Windstream, Inc.	68.00	5.4.1
Windstream Pennsylvania	68.00	5.4.1
Windstream Sugar Land	68.00	5.4.1
Windstream Georgia	68.00	5.4.1
Windstream Mississippi	68.00	5.4.1
Windstream Missouri	68.00	5.4.1
Windstream Oklahoma	68.00	5.4.1
Windstream South Carolina	68.00	5.4.1
Windstream Western Reserve	68.00	5.4.1
Windstream Alabama	68.00	5.4.1
Texas Windstream	68.00	5.4.1
Windstream Arkansas	68.00	5.4.1
Windstream Communications Kerrville	68.00	5.4.1
Windstream Ohio	68.00	5.4.1
Windstream Concord	68.00	5.4.1
Windstream Lexcom	68.00	5.4.1
Windstream Nebraska	-	5.4.1
Windstream Kentucky East - Lexington	-	5.4.1
Windstream Kentucky East - London	-	5.4.1
Valor Oklahoma	100.00	5.4.1
Valor New Mexico #1164	75.00	5.4.1
Valor New Mexico #1193	75.50	5.4.1
Valor Texas #1163	100.00	5.4.1
Valor Texas #1181	100.00	5.4.1
Windstream Iowa Communications #1167	100.00	5.4.1
Windstream Iowa Communications #1170,#1178	100.00	5.4.1
Windstream Lakedale, Inc. #1414	68.00	5.4.1
Windstream Lakedale, Inc. #1482	68.00	5.4.1
Windstream Georgia Telephone	86.00	5.4.1
Windstream Montezuma	86.00	5.4.1
Windstream Buffalo Valley	86.00	5.4.1
Windstream Conestoga	86.00	5.4.1
Windstream D&E	86.00	5.4.1
Windstream Accucom	86.00	5.4.1

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.1 Access Ordering (Cont'd)

(B) Service Date Change Charge

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.2.1(A) preceding does not apply. The applicable charge is:

Filing Entity	Charge	Tariff Section Reference
Windstream North Carolina, Inc.	$18.00	5.4.3
Windstream Florida	18.00	5.4.3
Windstream GA. Communications Corp.	18.00	5.4.3
Georgia Windstream, Inc.	18.00	5.4.3
Windstream Kentucky West	18.00	5.4.3
Windstream NY, Inc. - Fulton	18.00	5.4.3
Windstream NY, Inc. - Jamestown	18.00	5.4.3
Windstream NY, Inc. - Red Jacket	18.00	5.4.3
Oklahoma Windstream, Inc.	18.00	5.4.3
Windstream Pennsylvania	18.00	5.4.3
Windstream Sugar Land	18.00	5.4.3
Windstream Georgia	18.00	5.4.3
Windstream Mississippi	18.00	5.4.3
Windstream Missouri	18.00	5.4.3
Windstream Oklahoma	18.00	5.4.3
Windstream South Carolina	18.00	5.4.3
Windstream Western Reserve	18.00	5.4.3
Windstream Alabama	18.00	5.4.3
Texas Windstream	18.00	5.4.3
Windstream Arkansas	18.00	5.4.3
Windstream Communications Kerrville	18.00	5.4.3
Windstream Ohio	18.00	5.4.3
Windstream Concord	18.00	5.4.3
Windstream Lexcom	18.00	5.4.3
Windstream Nebraska	22.73	5.4.3
Windstream Kentucky East - Lexington	58.61	5.4.3
Windstream Kentucky East - London	26.21	5.4.3
Valor Oklahoma	50.00	5.4.3
Valor New Mexico #1164	50.00	5.4.3
Valor New Mexico #1193	50.00	5.4.3
Valor Texas #1163	50.00	5.4.3
Valor Texas #1181	50.00	5.4.3
Windstream Iowa Communications #1167	64.66	5.4.3
Windstream Iowa Communications #1170,#1178	26.21	5.4.3
Windstream Lakedale, Inc. #1414	18.00	5.4.3
Windstream Lakedale, Inc. #1482	18.00	5.4.3
Windstream Georgia Telephone	60.00	5.4.1
Windstream Montezuma	60.00	5.4.1
Windstream Buffalo Valley	60.00	5.4.1
Windstream Conestoga	60.00	5.4.1
Windstream D&E	60.00	5.4.1
Windstream Accucom	60.00	5.4.1

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.1 Access Ordering (Cont'd)

(C) Design Change Charge

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

Filing Entity	Charge	Tariff Section Reference
Windstream North Carolina, Inc.	$18.00	5.4.3
Windstream Florida	18.00	5.4.3
Windstream GA. Communications Corp.	18.00	5.4.3
Georgia Windstream, Inc.	18.00	5.4.3
Windstream Kentucky West	18.00	5.4.3
Windstream NY, Inc. - Fulton	18.00	5.4.3
Windstream NY, Inc. - Jamestown	18.00	5.4.3
Windstream NY, Inc. - Red Jacket	18.00	5.4.3
Oklahoma Windstream, Inc.	18.00	5.4.3
Windstream Pennsylvania	18.00	5.4.3
Windstream Sugar Land	18.00	5.4.3
Windstream Georgia	18.00	5.4.3
Windstream Mississippi	18.00	5.4.3
Windstream Missouri	18.00	5.4.3
Windstream Oklahoma	18.00	5.4.3
Windstream South Carolina	18.00	5.4.3
Windstream Western Reserve	18.00	5.4.3
Windstream Alabama	18.00	5.4.3
Texas Windstream	18.00	5.4.3
Windstream Arkansas	18.00	5.4.3
Windstream Communications Kerrville	18.00	5.4.3
Windstream Ohio	18.00	5.4.3
Windstream Concord	18.00	5.4.3
Windstream Lexcom	18.00	5.4.3
Windstream Nebraska	20.47	5.4.3
Windstream Kentucky East - Lexington	27.00	5.4.3
Windstream Kentucky East - London	26.21	5.4.3
Valor Oklahoma	50.00	5.4.3
Valor New Mexico #1164	50.00	5.4.3
Valor New Mexico #1193	50.00	5.4.3
Valor Texas #1163	50.00	5.4.3
Valor Texas #1181	50.00	5.4.3
Windstream Iowa Communications #1167	49.39	5.4.3
Windstream Iowa Communications #1170,#1178	26.21	5.4.3
Windstream Lakedale, Inc. #1414	18.00	5.4.3
Windstream Lakedale, Inc. #1482	18.00	5.4.3
Windstream Georgia Telephone	84.00	5.4.3
Windstream Montezuma	84.00	5.4.3
Windstream Buffalo Valley	84.00	5.4.3
Windstream Conestoga	84.00	5.4.3
Windstream D&E	84.00	5.4.3
Windstream Accucom	84.00	5.4.3

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.1 Access Ordering (Cont'd)

(D) Miscellaneous Service Order Charge

- Per Occurrence

Filing Entity	Charge	Tariff Section Reference
Windstream North Carolina, Inc.	$68.00	5.4.2
Windstream Florida	68.00	5.4.2
Windstream GA. Communications Corp.	68.00	5.4.2
Georgia Windstream, Inc.	68.00	5.4.2
Windstream Kentucky West	68.00	5.4.2
Windstream NY, Inc. - Fulton	68.00	5.4.2
Windstream NY, Inc. - Jamestown	68.00	5.4.2
Windstream NY, Inc. - Red Jacket	68.00	5.4.2
Oklahoma Windstream, Inc.	68.00	5.4.2
Windstream Pennsylvania	68.00	5.4.2
Windstream Sugar Land	68.00	5.4.2
Windstream Georgia	68.00	5.4.2
Windstream Mississippi	68.00	5.4.2
Windstream Missouri	68.00	5.4.2
Windstream Oklahoma	68.00	5.4.2
Windstream South Carolina	68.00	5.4.2
Windstream Western Reserve	68.00	5.4.2
Windstream Alabama	68.00	5.4.2
Texas Windstream	68.00	5.4.2
Windstream Arkansas	68.00	5.4.2
Windstream Communications Kerrville	68.00	5.4.2
Windstream Ohio	68.00	5.4.3
Windstream Concord	68.00	5.4.3
Windstream Lexcom	68.00	5.4.3
Windstream Nebraska	27.09	5.4.3
Windstream Kentucky East - Lexington	27.00	5.4.3
Windstream Kentucky East - London	27.00	5.4.3
Valor Oklahoma	50.00	5.4.3
Valor New Mexico #1164	50.00	5.4.3
Valor New Mexico #1193	50.00	5.4.3
Valor Texas #1163	50.00	5.4.3
Valor Texas #1181	50.00	5.4.3
Windstream Iowa Communications #1167	100.00	5.4.3
Windstream Iowa Communications #1170,#1178	100.00	5.4.3
Windstream Lakedale, Inc. #1414	68.00	5.4.
Windstream Lakedale, Inc. #1482	68.00	5.4.3
Windstream Georgia Telephone	123.00	5.4.3
Windstream Montezuma	123.00	5.4.3
Windstream Buffalo Valley	123.00	5.4.3
Windstream Conestoga	123.00	5.4.3
Windstream D&E	123.00	5.4.3
Windstream Accucom	123.00	5.4.3

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.2 Additional Engineering

Regulations regarding Additional Engineering are set forth in 13.1 preceding.

- Each Half Hour or Fraction Thereof

Filing Entity	Basic Time	Over Time*	Premium Time*
Windstream North Carolina, Inc.	$35.00	$50.00	$---
Windstream Florida	35.00	50.00	---
Windstream GA. Communications Corp.	35.00	50.00	---
Georgia Windstream, Inc.	35.00	50.00	---
Windstream Kentucky West	35.00	50.00	---
Windstream NY, Inc. - Fulton	35.00	50.00	---
Windstream NY, Inc. - Jamestown	35.00	50.00	---
Windstream NY, Inc. - Red Jacket	35.00	50.00	---
Oklahoma Windstream, Inc.	35.00	50.00	---
Windstream Pennsylvania	35.00	50.00	---
Windstream Sugar Land	35.00	50.00	---
Windstream Georgia	35.00	50.00	---
Windstream Mississippi	35.00	50.00	---
Windstream Missouri	35.00	50.00	---
Windstream Oklahoma	35.00	50.00	---
Windstream South Carolina	35.00	50.00	---
Windstream Western Reserve	35.00	50.00	---
Windstream Alabama	35.00	50.00	---
Texas Windstream	35.00	50.00	---
Windstream Arkansas	35.00	50.00	---
Windstream Communications Kerrville	35.00	50.00	---
Windstream Ohio	35.00	50.00	---
Windstream Concord	35.00	50.00	---
Windstream Lexcom	35.00	50.00	---
Windstream Nebraska	35.00	50.00	50.00
Windstream Kentucky East - Lexington	---	---	---
Windstream Kentucky East - London	34.42	51.64	51.64
Valor Oklahoma	37.81	56.72	75.63
Valor New Mexico #1164	37.81	56.72	75.63
Valor New Mexico #1193	37.81	56.72	75.63
Valor Texas #1163	37.81	56.72	75.63
Valor Texas #1181	37.81	56.72	75.63
Windstream Iowa Communications #1170,#1178	74.72	112.08	149.44
Windstream Lakedale, Inc. #1414	35.00	50.00	---
Windstream Lakedale, Inc. #1482	35.00	50.00	---
Windstream Georgia Telephone	31.03	46.55	62.06
Windstream Montezuma	31.03	46.55	62.06
Windstream Buffalo Valley	31.03	46.55	62.06
Windstream Conestoga	31.03	46.55	62.06
Windstream D&E	31.03	46.55	62.06
Windstream Accucom	31.03	46.55	62.06

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.3 Additional Labor

Installation or Repair and Stand By Testing

Regulations regarding Additional Labor are set forth in 13.2 preceding.

- Each Half Hour or Fraction Thereof

Filing Entity	Basic Time	Over Time*	Premium Time*	
Windstream North Carolina, Inc.	$35.00	$50.00	$75.00	
Windstream Florida	35.00	50.00	75.00	
Windstream GA. Communications Corp.	35.00	50.00	75.00	
Georgia Windstream, Inc.	35.00	50.00	75.00	
Windstream Kentucky West	35.00	50.00	75.00	
Windstream NY, Inc. - Fulton	35.00	50.00	75.00	
Windstream NY, Inc. - Jamestown	35.00	50.00	75.00	
Windstream NY, Inc. - Red Jacket	35.00	50.00	75.00	
Oklahoma Windstream, Inc.	35.00	50.00	75.00	
Windstream Pennsylvania	35.00	50.00	75.00	
Windstream Sugar Land	35.00	50.00	75.00	
Windstream Georgia	35.00	50.00	75.00	
Windstream Mississippi	35.00	50.00	75.00	
Windstream Missouri	35.00	50.00	75.00	
Windstream Oklahoma	35.00	50.00	75.00	
Windstream South Carolina	35.00	50.00	75.00	
Windstream Western Reserve	35.00	50.00	75.00	
Windstream Alabama	35.00	50.00	75.00	
Texas Windstream	35.00	50.00	75.00	
Windstream Arkansas	35.00	50.00	75.00	
Windstream Communications Kerrville	35.00	50.00	75.00	
Windstream Ohio	35.00	50.00	75.00	
Windstream Concord	35.00	50.00	75.00	
Windstream Lexcom	35.00	50.00	75.00	
Windstream Nebraska	35.00	50.00	75.00	
Windstream Kentucky East - Lexington	35.98	100.00	150.00	
Windstream Kentucky East - London	24.28	75.00	125.00	
Valor Oklahoma	30.81	100.00	150.00	
Valor New Mexico #1164	30.81	100.00	150.00	
Valor New Mexico #1193	30.81	100.00	150.00	
Valor Texas #1163	30.81	100.00	150.00	
Valor Texas #1181	20.84	100.00	150.00	
Windstream Iowa Communications #1170,#1178	58.56	150.00	250.00	
Windstream Lakedale, Inc. #1414	35.00	50.00	75.0	
Windstream Lakedale, Inc. #1482	35.00	50.00	75.00	
Windstream Georgia Telephone	--	47.57	63.42	
Windstream Montezuma	--	47.57	63.42	
Windstream Buffalo Valley	--	47.57	63.42	
Windstream Conestoga	--	47.57	63.42	
Windstream D&E	--	47.57	63.42	
Windstream Accucom	--	47.57	63.42	
- First Half Hour or Fraction Thereof				
Windstream Iowa Communications #1167	58.56	150.00	250.00	(I)(I)(I)
-Each Additional Half Hour or Fraction Thereof				
Windstream Iowa Communications #1167	58.56	150.00	250.00	(I)(I)(I)

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.4 Miscellaneous Services

Regulations regarding Miscellaneous Services are set forth in 13.3 preceding.

(A) Testing and Maintenance of Service
Regulations concerning Testing and Maintenance of Service are set forth in 13.3.1 and 13.3.2 preceding.

Filing Entity	Basic Time	Over Time*	Premium Time*	
Windstream North Carolina, Inc.	$35.00	$50.00	$75.00	
Windstream Florida	35.00	50.00	75.00	
Windstream GA. Communications Corp.	35.00	50.00	75.00	
Georgia Windstream, Inc.	35.00	50.00	75.00	
Windstream Kentucky West	35.00	50.00	75.00	
Windstream NY, Inc. - Fulton	35.00	50.00	75.00	
Windstream NY, Inc. - Jamestown	35.00	50.00	75.00	
Windstream NY, Inc. - Red Jacket	35.00	50.00	75.00	
Oklahoma Windstream, Inc.	35.00	50.00	75.00	
Windstream Pennsylvania	35.00	50.00	75.00	
Windstream Sugar Land	35.00	50.00	75.00	
Windstream Georgia	35.00	50.00	75.00	
Windstream Mississippi	35.00	50.00	75.00	
Windstream Missouri	35.00	50.00	75.00	
Windstream Oklahoma	35.00	50.00	75.00	
Windstream South Carolina	35.00	50.00	75.00	
Windstream Western Reserve	35.00	50.00	75.00	
Windstream Alabama	35.00	50.00	75.00	
Texas Windstream	35.00	50.00	75.00	
Windstream Arkansas	35.00	50.00	75.00	
Windstream Communications Kerrville	35.00	50.00	75.00	
Windstream Ohio	35.00	50.00	75.00	
Windstream Concord	35.00	50.00	75.00	
Windstream Lexcom	35.00	50.00	75.00	
Windstream Nebraska	35.00	50.00	75.00	
Windstream Kentucky East - Lexington	35.98	100.00	150.00	
Windstream Kentucky East - London	24.28	36.42	48.56	
Valor Oklahoma	20.84	31.26	41.67	
Valor New Mexico #1164	20.84	31.26	41.67	
Valor New Mexico #1193	20.84	31.26	41.67	
Valor Texas #1163	20.84	31.26	41.67	
Valor Texas #1181	20.84	31.26	41.67	
Windstream Iowa Communications #1170,#1178	58.56	150.00	250.00	
Windstream Lakedale, Inc. #1414	35.00	50.00	75.00	
Windstream Lakedale, Inc. #1482	35.00	50.00	75.00	
Windstream Georgia Telephone	31.71	47.57	63.42	
Windstream Montezuma	31.71	47.57	63.42	
Windstream Buffalo Valley	31.71	47.57	63.42	
Windstream Conestoga	31.71	47.57	63.42	
Windstream D&E	31.71	47.57	63.42	
Windstream Accucom	31.71	47.57	63.42	
- First Half Hour or Fraction Thereof				
Windstream Iowa Communications #1167	58.56	150.00	250.00	(I)(I)(I)
- Each Additional Half Hour or Fraction Thereof				
Windstream Iowa Communications #1167	58.56	150.00	250.00	(I)(I)(I)

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.4 Miscellaneous Services

Regulations regarding Miscellaneous Services are set forth in 13.3 preceding.

(B) Additional Testing

(1) Automatic Schedule Testing
(a) Basic Offering to First Point of Switching
- Per Transmission Path – per Month

Filing Entity	Rate
Windstream Nebraska	$2.90
Windstream Kentucky East - Lexington	0.45
Valor Oklahoma	0.45
Valor New Mexico #1164	0.45
Valor New Mexico #1193	0.45
Valor Texas #1163	0.45
Valor Texas #1181	0.45
Windstream Iowa Communications #1167	0.45
Windstream Georgia Telephone	2.89
Windstream Montezuma	2.89
Windstream Buffalo Valley	2.89
Windstream Conestoga	2.89
Windstream D&E	2.89
Windstream Accucom	2.89

(2) Additional Cooperative Schedule Testing
(a) Basic Offering to First Point of Switching
- Per Transmission Path – per Month

Filing Entity	Rate
Valor Oklahoma	$1.51
Valor New Mexico #1164	1.51
Valor New Mexico #1193	1.51
Valor Texas #1163	1.51
Valor Texas #1181	1.51
Windstream Iowa Communications #1167	1.63
Windstream Georgia Telephone	2.89
Windstream Montezuma	2.89
Windstream Buffalo Valley	2.89
Windstream Conestoga	2.89
Windstream D&E	2.89
Windstream Accucom	2.89

(b) Gain Slope to First Point of Switching
- Per Transmission Path – per Month

Filing Entity	Rate
Valor Oklahoma	$0.64
Valor New Mexico #1164	0.64
Valor New Mexico #1193	0.64
Valor Texas #1163	0.64
Valor Texas #1181	0.64
Windstream Iowa Communications #1167	0.69
Windstream Georgia Telephone	2.89
Windstream Montezuma	2.89
Windstream Buffalo Valley	2.89
Windstream Conestoga	2.89
Windstream D&E	2.89
Windstream Accucom	2.89

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.4 Miscellaneous Services

Regulations regarding Miscellaneous Services are set forth in 13.3 preceding.

(B) Additional Testing

(3) Additional Manual Schedule Testing

(a) Basic Offering to First Point of Switching

- Per Transmission Path – per Month

Filing Entity	Rate
Valor Oklahoma	$3.02
Valor New Mexico #1164	3.02
Valor New Mexico #1193	3.02
Valor Texas #1163	3.02
Valor Texas #1181	3.02
Windstream Iowa Communications #1167	3.27
Windstream Georgia Telephone	2.89
Windstream Montezuma	2.89
Windstream Buffalo Valley	2.89
Windstream Conestoga	2.89
Windstream D&E	2.89
Windstream Accucom	2.89

(b) Gain Slope to First Point of Switching

- Per Transmission Path – per Month

Filing Entity	Rate
Valor Oklahoma	$1.29
Valor New Mexico #1164	1.29
Valor New Mexico #1193	1.29
Valor Texas #1163	1.29
Valor Texas #1181	1.29
Windstream Georgia Telephone	2.89
Windstream Montezuma	2.89
Windstream Buffalo Valley	2.89
Windstream Conestoga	2.89
Windstream D&E	2.89
Windstream Accucom	2.89

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.4 Miscellaneous Services (Cont'd)

(C) Telecommunications Service Priority
- Per service arranged

Filing Entity	Nonrecurring Charge	Monthly Rate
Windstream North Carolina, Inc.	$50.00	
Windstream Florida	50.00	
Windstream GA. Communications Corp.	50.00	
Georgia Windstream, Inc.	50.00	
Windstream Kentucky West	50.00	
Windstream NY, Inc. - Fulton	50.00	
Windstream NY, Inc. - Jamestown	50.00	
Windstream NY, Inc. - Red Jacket	50.00	
Oklahoma Windstream, Inc.	50.00	
Windstream Pennsylvania	50.00	
Windstream Sugar Land	50.00	
Windstream Georgia	50.00	
Windstream Mississippi	50.00	
Windstream Missouri	50.00	
Windstream Oklahoma	50.00	
Windstream South Carolina	50.00	
Windstream Western Reserve	50.00	
Windstream Alabama	50.00	
Texas Windstream	50.00	
Windstream Arkansas	50.00	
Windstream Communications Kerrville	50.00	
Windstream Ohio	50.00	
Windstream Concord	50.00	
Windstream Lexcom	50.00	
Windstream Nebraska	80.63	
Windstream Kentucky East - Lexington	14.50	$4.90
Windstream Kentucky East - London	---	4.90
Valor Oklahoma	10.30	4.90
Valor New Mexico #1164	14.50	4.90
Valor New Mexico #1193	14.00	4.90
Valor Texas #1163	10.00	4.90
Valor Texas #1181	10.00	4.90
Windstream Iowa Communications #1167	14.50	4.90
Windstream Lakedale, Inc. #1414	50.00	
Windstream Lakedale, Inc. #1482	50.00	
Windstream Georgia Telephone	54.63	
Windstream Montezuma	54.63	
Windstream Buffalo Valley	54.63	
Windstream Conestoga	54.63	
Windstream D&E	54.63	
Windstream Accucom	54.63	

- Restoration Priority Level Implementation When Added or Changed on an Existing Service.

Filing Entity	Rate
Valor New Mexico #1193	$104.02
Valor Texas #1181	104.02
Windstream Iowa Communications #1170,#1178	104.02

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.4 Miscellaneous Services (Cont'd)

(D) Controller Arrangement

Per arrangement	Monthly Rate
Windstream Nebraska	$ 94.65
Windstream Kentucky East - London	100.00
Valor New Mexico #1193	100.00
Valor Texas #1181	100.00
Windstream Iowa Communications #1170,#1178	100.00
Windstream Georgia Telephone	100.00
Windstream Montezuma	100.00
Windstream Buffalo Valley	100.00
Windstream Conestoga	100.00
Windstream D&E	100.00
Windstream Accucom	100.00

(P) Charges for Miscellaneous Service (Cont'd)

- Additional copies of the customer's cyclic bill.

(D) Paper – per 1,000 printed lines	Monthly Rate
Windstream Nebraska	$0.71
Windstream Kentucky East - Lexington	0.71
Windstream Kentucky East - London	0.71

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.5 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with 11.1.1 preceding, the rates and charges will be developed on an individual case basis.

(B Avoidance

For each service provided in accordance with 11.1.2 preceding, the rates and charges will be developed on an individual case basis.

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.3 preceding, the rates and charges will be developed on an individual case basis.

17. Rates and Charges (Cont'd)

17.2 Other Services (Cont'd)

17.2.6 Specialized Service or Arrangements

Specialized Service or Arrangements are provided in accordance with 12.1 preceding on an individual case basis as set forth following:

A) Fiber Optic Terminating Equipment for Westinghouse Corporation located in Windstream Carolina's Rural Hall exchange.

Monthly rate per DS1 riding fiber facility $212.00
(Tariff Reference 12.2.1)

B) Non multiplexed DS3 rate from Sugar Land central office to following locations in Houston:

	Houston Location	Month to Month	36 Month Contract	60 Month Contract	Nonrecurring
Rate per DS3, no MUX	AT&T01 POP	$3955.05	$3291.20	$3018.35	$363.00
Rate per DS3, no MUX	AT&TFY POP	$3553.85	$3019.20	$2763.35	$363.00
Rate per DS3, no MUX	MCI POP	$3553.85	$3019.20	$2763.35	$363.00
Rate per DS3, no MUX	Sprint POP	$4155.65	$3427.20	$3145.85	$363.00

C) CyberPort TCP/IP Access for UUNET Communications

	Billed Channel
Jurisdiction	
Valor Oklahoma #1165	42.00
Valor New Mexico #11	42.00
Valor New Mexico #11	42.00
Valor Texas #1163	42.00
Valor Texas #1181	42.00

17. Rates and Charges (Cont'd)

17.3 Ethernet Virtual LAN Service (EVLS)

A. Month-to-Month Rates

Type of Service	Monthly Rate	Nonrecurring Charge	
1.5 Mbps	$ 275.00	$ 200.00	
3.0 Mbps	300.00	200.00	
5.0 Mbps	450.00	200.00	
6.0 Mbps	490.00	200.00	
9.0 Mbps	855.00	200.00	
10.0 Mbps	705.00	200.00	
12.0 Mbps	1043.00	200.00	
15.0 Mbps	830.00	200.00	
20.0 Mbps	940.00	200.00	
25.0 Mbps	1082.00	200.00	
30.0 Mbps	1216.00	200.00	
35.0 Mbps	1272.00	500.00	
40.0 Mbps	1289.00	500.00	
45.0 Mbps	1350.00	500.00	
50.0 Mbps	1311.00	500.00	
100 Mbps	1534.00	500.00	
150 Mbps	3200.00	500.00	
200 Mbps	2147.00	500.00	
300 Mbps	2511.00	500.00	C
400 Mbps	2875.00	500.00	
500 Mbps	3079.00	500.00	
600 Mbps	3264.00	500.00	
700 Mbps	3426.00	500.00	
800 Mbps	3474.00	500.00	
900 Mbps	3489.00	500.00	
1000 Mbps	3505.00	500.00	

B. Term Plan Discounts

Plan Length	Discount %
24 Months	5%
36 Months	10%
48 Months	15%
60 Months	20%

18. RATE ZONE WIRE CENTERS

18.1 General

This section contains a list of each Telephone Company wire center that has been assigned to a rate zone. Rate zones are applicable to the services specified in 7. This table lists, by jurisdiction, wire centers assigned to Rate Zones 1, 2, and 3.

State	Zone	CLLI	Wire Centers
OK	1	BRAROKXB	BROKEN ARROW WEST
	2	BRAROKXA	BROKEN ARROW MAIN
	2	BRAROKXC	BROKEN ARROW SOUTH
	2	PRCLOKXA	PURCELL
	3	ASHROKXA	ASHER
	3	AVNTOKXC	AVANT
	3	BRAROKXD	BROKEN ARROW NORTH
	3	BRAROKXE	BROKEN ARROW EAST
	3	BRNSOKXA	BARNSDALL
	3	BYTNOKXB	BOYNTON
	3	CHTHOKXD	CHECOTAH
	3	COWTOKXB	COWETA
	3	FRFXOKXA	FAIRFAX
	3	HMNYOKXB	HOMINY
	3	HSKLOKXA	HASKELL
	3	KWCYOKXA	KAW CITY
	3	LNDSOKXA	LINDSAY
	3	MEKROKXA	MEEKER
	3	MRRSOKXC	MORRIS
	3	MYVLOKXA	MAYSVILLE
	3	PADNOKXA	PADEN
	3	PRAGOKXA	PRAGUE
	3	PTEROKXC	PORTER
	3	RAMNOKXA	RAMONA
	3	SNGHOKXA	SNUG HARBOR
	3	STLSOKXA	ST. LOUIS
	3	STRDOKXA	STROUD
	3	TCMSOKXB	TECUMSEH
	3	WASHOKXA	WASHINGTON
	3	WAYNOKXA	WAYNE
	3	WGNROKXD	WAGONER

4001 Rodney Parham Rd.
Little Rock, AR 72212

18. RATE ZONE WIRE CENTERS (Cont'd)

18.1 General (Cont'd)

State	Zone	CLLI	Wire Centers
TX	1	TXRKTXXA	TEXARKANA MAIN*
	2	LVLDTXXA	LEVELLAND*
	2	TXRKTXXB	TEXARKANA WEST*
	3	ABRNTXXA	ABERNATHY
	3	AMHRTXXA	AMHERST*
	3	ANNNTXXA	ANNONA*
	3	ANTNTXXA	ANTON*
	3	ASPRTXXA	ASPERMONT*
	3	AVNGTXXA	AVINGER*
	3	BKVLTXXA	BECKVILLE*
	3	BLGVTXXA	BLOOMING GROVE*
	3	BLWLTXXA	BLACKWELL*
	3	BNJMTXXA	BENJAMIN*
	3	BOKRTXXA	BOOKER
	3	BOVNTXXA	BOVINA*
	3	BWFDTXXA	BROWNFIELD*
	3	BYNMTXXA	BYNUM*
	3	CLADTXXB	CLAUDE*
	3	CLDNTXXA	CLARENDON*
	3	CLVLTXXA	CLARKSVILLE*
	3	CSTNTXXA	CROSBYTON*
	3	DDSNTXXA	DODSON*
	3	DGVLTXXA	DOUGLASSVILLE*
	3	DKLBTXXA	DEKALB*
	3	DLHRTXXA	DALHART*
	3	DNCYTXXA	DENVER CITY*
	3	DNFDTXXA	DAINGERFIELD*
	3	DRZTTXXB	DARROUZETT*
	3	DWSNTXXA	DAWSON*
	3	ESTLTXXA	ESTELLINE
	3	FLLTTXXA	FOLLETT*
	3	FRINTXXA	FRIONA*
	3	FRSATXXA	FORSAN*
	3	FRSTTXXA	FROST*
	3	GROMTXXA	GROOM*
	3	GVTNTXXA	GROVETON*
	3	HBRDTXXA	HUBBARD*
	3	HDLYTXXA	HEDLEY*
	3	HGNSTXXA	HIGGINS*
	3	HGSPTXXA	HUGHES SPRINGS*
	3	HLDYTXXA	HOLLIDAY*
	3	HPPYTXXA	HAPPY
	3	HRWDTXXA	HURLWOOD*
	3	HSKLTXXA	HASKELL*
	3	IDALTXXA	IDALOU*

18. RATE ZONE WIRE CENTERS (Cont'd)

18.1 General (Cont'd)

State	Zone	CLLI	Wire Centers
TX	3	KNCYTXXA	KNOX CITY*
	3	LAMSTXXA	LAMESA*
	3	LKVWTXXA	LAKEVIEW*
	3	LNDNTXXA	LINDEN*
	3	LNSTTXXA	LONE STAR*
	3	LRNZTXXA	LORENZO
	3	LTFDTXXA	LITTLEFIELD*
	3	MALNTXXA	MALONE*
	3	MBTETXXA	MOBEETIE*
	3	MEDWTXXA	MEADOW*
	3	MGRGTXXA	MEGARGEL*
	3	MIAMTXXA	MIAMI*
	3	MMPHTXXA	MEMPHIS*
	3	MNDYTXXA	MUNDAY*
	3	MRTNTXXA	MORTON*
	3	MRTTTXXA	MARIETTA*
	3	MTCLTXXA	MOUNT CALM*
	3	NBTNTXXB	NEW BOSTON*
	3	NPLSTXXA	NAPLES*
	3	PNHDTXXA	PANHANDLE*
	3	POSTTXXA	POST*
	3	PTBGTXXA	PETERSBURG*
	3	PYTNTXXA	PERRYTON*
	3	RALSTXXA	RALLS*
	3	ROCHTXXA	ROCHESTER*
	3	RPVLTXXA	ROPESVILLE*
	3	RULETXXA	RULE*
	3	SGRVTXXA	SEAGRAVES*
	3	SHLWTXXA	SHALLOWATER*
	3	SMYRTXXA	SMYER*
	3	SNDWTXXA	SUNDOWN*
	3	SPDETXXA	SPADE*
	3	SPMNTXXA	SPEARMAN
	3	SRFRTXXA	STRATFORD*
	3	SYMRTXXA	SEYMOUR*
	3	THKATXXA	TAHOKA*
	3	THRKTXXA	THROCKMORTON*
	3	TRNYTXXA	TRINITY*
	3	WGTNTXXA	WELLINGTON*
	3	WHDRTXXA	WHITE DEER*
	3	WHFCTXXA	WHITEFACE*
	3	WHLRTXXA	WHEELER*
	3	WLFTTXXA	WOLFFORTH*
	3	WLSNTXXA	WILSON*
	3	WNRTTXXA	WEINERT*
	3	WTRLTXXA	WHITHARRAL*

19. Metropolitan Statistical Area Access Services

19.1 General Regulations

A. This Section of the Guidebook provides the regulations, rates and terms and conditions that apply to telecommunications services provided by the Company in the Metropolitan Statistical Areas (MSAs) in which the Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. MSAs are divided into two categories: Full Service Relief MSAs and Limited Service Relief MSAs.

1. Full Service Relief MSAs are those MSAs in which the Company has qualified for Phase II pricing flexibility for all elements of service, i.e., local channels (channel terminations) between LEC end offices and customer (end user) premises; entrance facilities; dedicated interoffice facilities; local channels (channel terminations) between an interexchange carrier's point of presence and a serving wire center. The Full Service Relief MSAs are set forth in Section 19.2.A.1 following.

2. Limited Service Relief MSAs are those MSAs in which the Company has qualified for Phase II pricing flexibility for all elements of service except local channels (channel terminations) between a LEC end office and a customer (end user) premises. The Limited Service Relief MSAs are set forth in Section 19.2.A.2 following.

B. The services provided in MSAs pursuant to this Section of the guidebook are set forth in Section 19.3 following.

1. The general regulations, service descriptions, optional features, service provisioning, obligations of the Telephone Company and customer, and rate regulations set forth in Section 7 preceding for special access services are applicable to the pricing flexibility services specified in this section.

2. Where the regulations in Section 7 conflict with those set forth in this section, the regulations specified herein for the provision of switched and special access services in the Telephone Company's pricing flexibility MSAs will supersede any inconsistencies.

C. Unless otherwise provided in this Section, regulations set forth in Sections 1, 2, 5, and 13 are applicable to special access services provided in the Telephone Company's pricing flexibility MSAs.

19. Metropolitan Statistical Area Access Services (Cont'd)

19.2 Metropolitan Statistical Areas

A. Listed below are the MSAs and associated Exchanges that have been granted relief by the F.C.C.

1. Full Service Relief MSAs are listed below:

State	MSA	Exchange
Texas	Houston	Sugar Land
Texas	Houston	Sweeny

2. Limited Service Relief MSAs are listed below:

State	MSA	Exchange
Kentucky	Lexington	Lexington East
Kentucky	Lexington	Lexington Elkhorn
Kentucky	Lexington	Lexington Lakeside
Kentucky	Lexington	Lexington Main
Kentucky	Lexington	Lexington North
Kentucky	Lexington	Lexington South
Kentucky	Lexington	Lexington Southeast
Kentucky	Lexington	Lexington UNV KY
Kentucky	Lexington	Midway
Kentucky	Lexington	Nicholasville
Kentucky	Lexington	Versailles
Kentucky	Lexington	Wilmore
Kentucky	Lexington	Berea

19.3 Services Available in an MSA

A. Special Access Services

Voice Grade
Program Audio
Video
Digital Data
High Capacity DS1
High Capacity DS3
Digital FT1
Synchronous Optical Channel

19. Metropolitan Statistical Area Access Services (Cont'd)

19.4 Application of Rates and Charges

A. Figure 1 illustrates services provided totally from an MSA located in a Full Service Relief Area. The rates and charges for all associated rate elements for services in a Full Service Relief Area are obtained from Section 19.5 of this Guidebook.

Full Service Relief Area

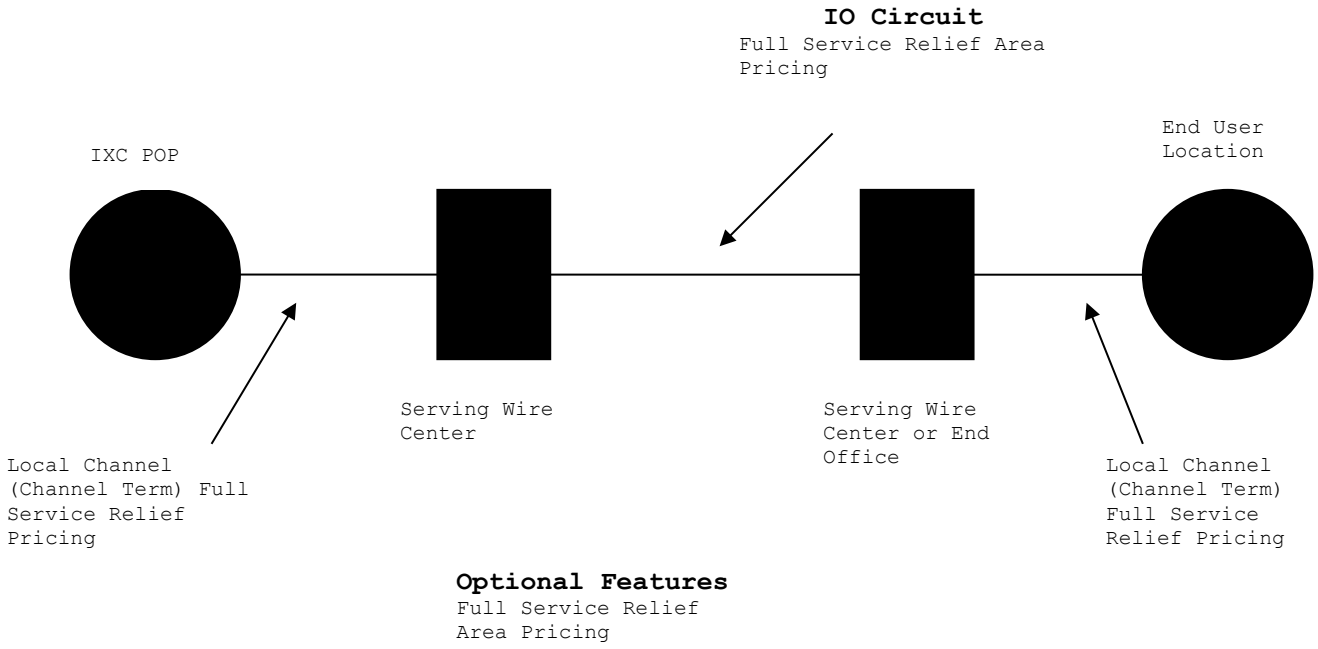

Figure 1

19. Metropolitan Statistical Area Access Services (Cont'd)

19.4 Application of Rates and Charges (Cont'd)

(B) Figure 2 illustrates services provided within an MSA located in a Limited Service Relief Area. The rates and charges for all associated rate elements for services in a Limited Service Relief Area are contained in Section 19.5, except for the local channels (channel terminations) between a LEC end office and a customer (end user) premises, which are referenced in Section 7.

Limited Service Relief Area

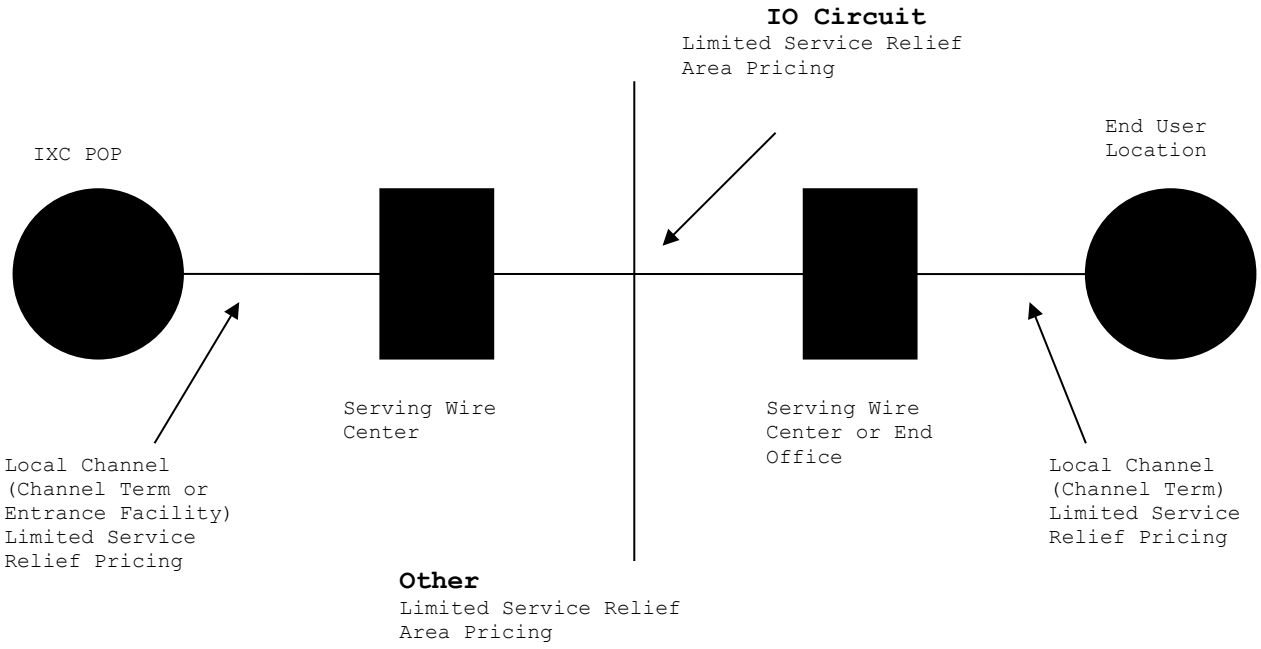

Figure 2

19. Metropolitan Statistical Area Access Services (Cont'd)

19.4 Application of Rates and Charges (Cont'd)

(C) Figure 3 illustrates a service provided from two MSA's with one MSA located in a Full Service Relief Area and one MSA located in a Limited Service Relief Area. The rates and Charges for local channels and optional features located in the Full Service Relief Area are obtained as previously stated in 19.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are obtained as stated in 19.4(B). Interoffice channels between a Full Service Relief Area and a Limited Service Relief Area are rated the same as that of an interoffice channel in a Limited Service Relief Area and rates and charges are obtained as stated in 19.4(B), preceding.

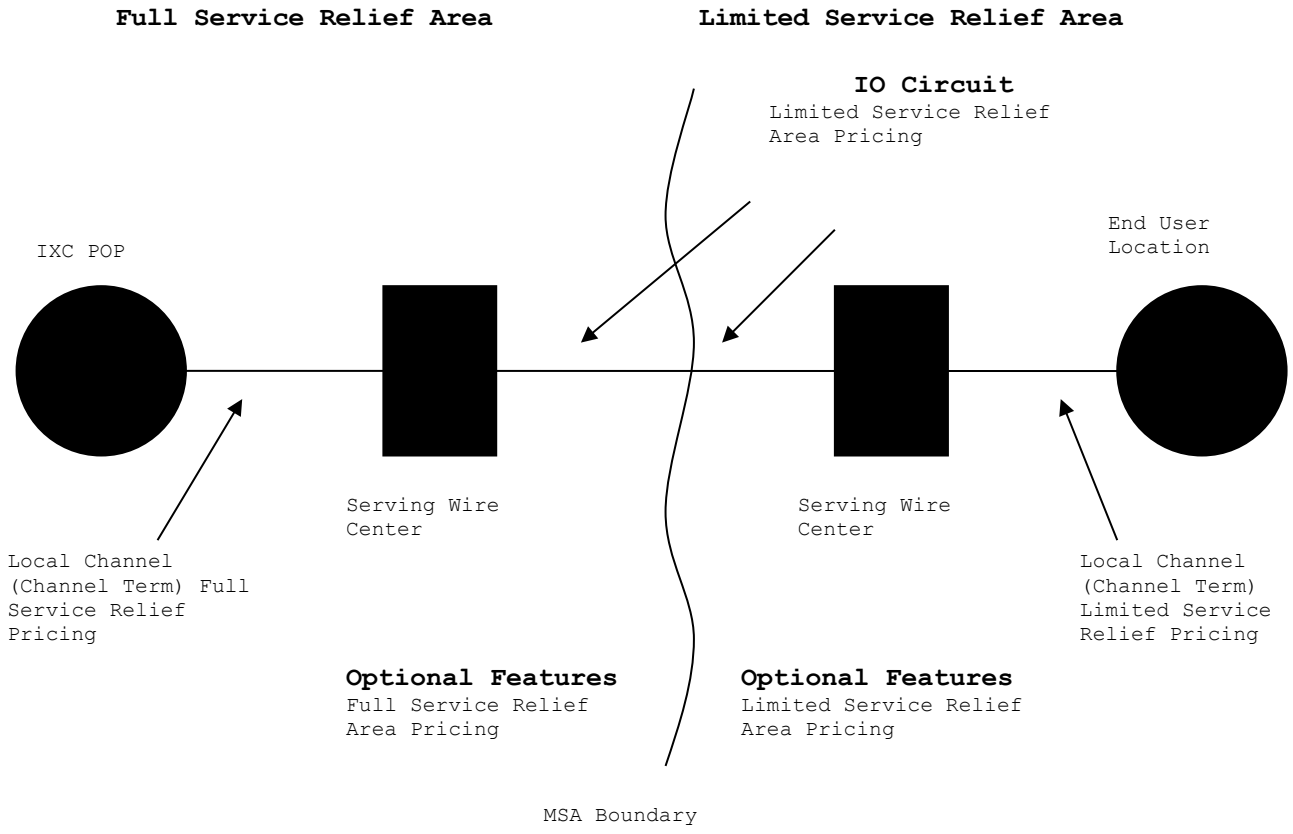

Figure 3

19. Metropolitan Statistical Area Access Services (Cont'd)

19.4 Application of Rates and Charges (Cont'd)

(D) Figure 4 illustrates a service provided from two MSAs with one MSA located in a Full Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are obtained as stated in 19.4(A) preceding.

Interoffice channels between a Full Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area.

Rates and charges for local channels, interoffice channels and optional features in a Non-Relief Area are obtained in Section 6.8 and, Section 7 of this Guidebook.

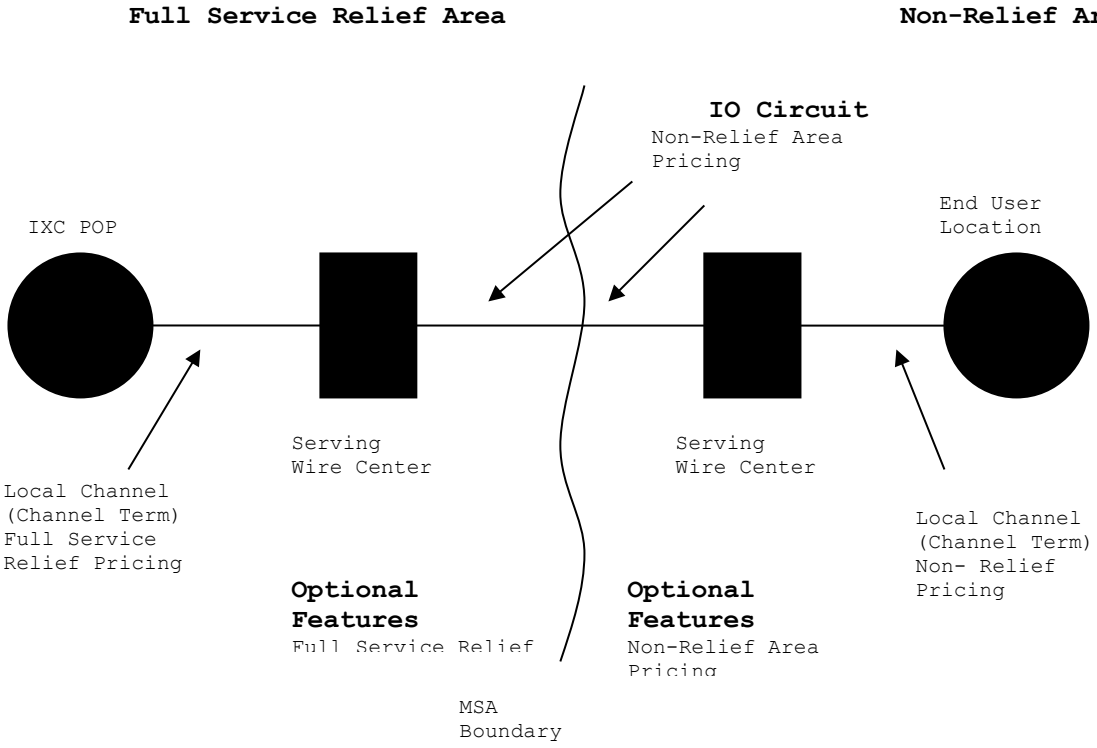

Figure 4

19. Metropolitan Statistical Area Access Services (Cont'd)

19.4 Application of Rates and Charges (Cont'd)

(E) Figure 5 illustrates a service provided from two MSAs with one MSA located in a Limited Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Limited Service relief Area are obtained as stated in 19.4(B) preceding.

Interoffice channels between a Limited Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area.

Rates and charges for local channels, interoffice channels and optional features in a Non-Relief Area are obtained in Section 6 and Section 7 of this Guidebook.

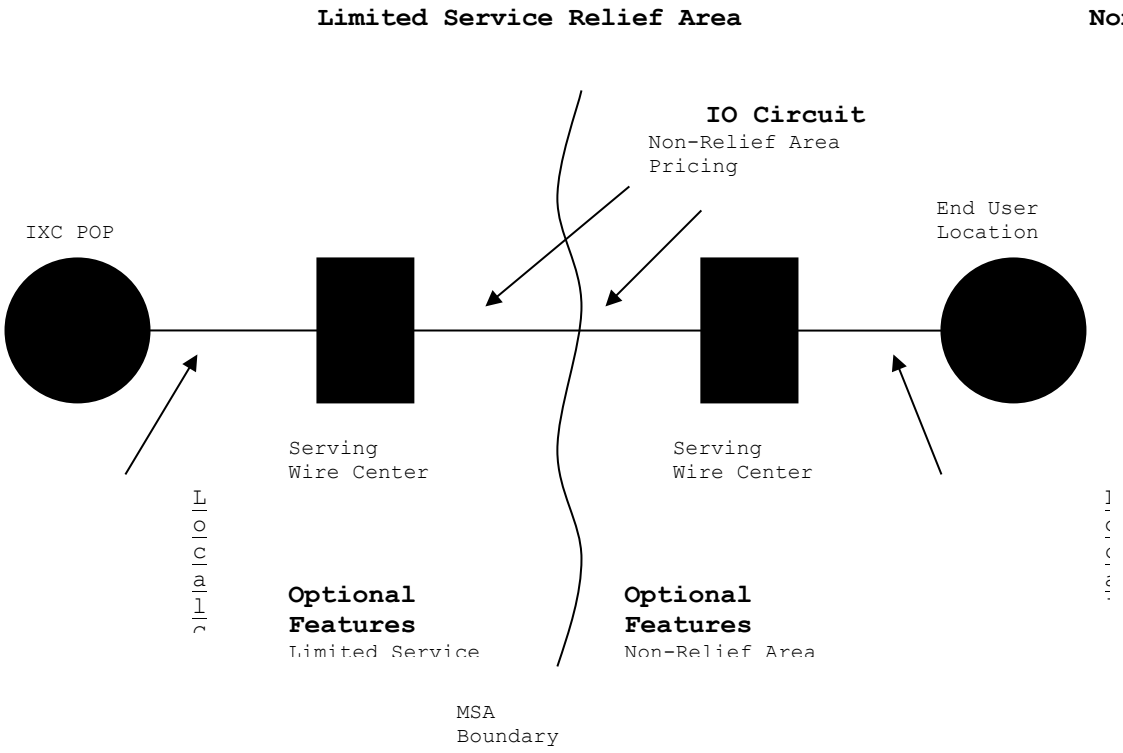

Figure 5

19. Metropolitan Statistical Area Access Services (Cont'd)

19.5 Rates and Charges

19.5.1 Intentionally left blank

19.5.2 Special Access

19.5.2.1 Metallic Service

Rates and Charges for Metallic Service are set forth in 17.1.2 preceding.

19.5.2.2 Telegraph Service

Rates and Charges for Telegraph Service are set forth in 17.1.3 preceding.

19.5.2.3 Voice Grade Service

Rates and Charges for Voice Grade Service are set forth in 17.1.4 preceding.

19.5.2.4 Program Audio Service

Rates and Charges for Program Audio Service are set forth in 17.1.5 preceding.

19.5.2.5 Video Service

Rates and Charges for Video Service are set forth in 17.1.6 preceding.

19.5.2.6 Digital Data Service

Rates and Charges for Digital Data Service are set forth in 17.1.7 preceding.

19. Metropolitan Statistical Area Access Services (Cont'd)

19.5 Rates and Charges (Cont'd)

19.5.2 Special Access (Cont'd)

19.5.2.7 High Capacity DS1 Service

(A) Channel Termination, Per Termination

Rates and Charges for High Capacity DS1 Channel Terminations are set forth in 17.1.8 preceding.

(B) Channel Mileage

Rates and Charges for High Capacity DS1 Channel Mileage are set forth in 17.1.8 preceding. C

(C) Optional Features and Functions

Rates and Charges for High Capacity DS1 Optional Features and Functions are set forth in 17.1.8 preceding.

19. Metropolitan Statistical Area Access Services (Cont'd)

19.5 Rates and Charges (Cont'd)

19.5.2 Special Access (Cont'd)

19.5.2.8 High Capacity DS3 Service – Monthly Rates

(A) Channel Termination, Per Termination

Rates and Charges for High Capacity DS3 Channel Terminations are set forth in 17.1.8 preceding.

(B) Channel Mileage

Rates and Charges for High Capacity DS3 Channel Mileage are set forth in 17.1.8 preceding. C

(C) Optional Features and Functions

Rates and Charges for High Capacity DS3 Optional Features and Functions are set forth in 17.1.8 preceding.

19.5.2.9 Intentionally blank

19.5.2.10 Intentionally blank

19.5.2.11 Intentionally blank

19.5.2.12 Digital FT1 Service

Rates and Charges for Digital FT1 Services are set forth in 17.1.8 preceding.

19.5.2.16 Synchronous Optical Channel Service

Rates and Charges for Synchronous Optical Channel Service are set forth in 17.1.10 preceding.

20. RESERVED FOR FUTURE USE

21. RESERVED FOR FUTURE USE

22. RESERVED FOR FUTURE USE

23. Ethernet Virtual LAN Service ("EVLS")

23.1 Service Description

Ethernet Virtual LAN Service ("EVLS") is a high speed data service that provides LAN transport using Ethernet packet technology at transport speeds ranging from 1.5 Mbps to 1 Gbps. When a customer orders EVLS, the customer and the Telephone Company will work cooperatively to plan, engineer, provision and manage the EVLS circuits. EVLS is only available where identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

23.2 Service Provisioning

The Telephone Company will provide EVLS for one or more of the following types of Ethernet Virtual LAN operating speeds of:

CIR 1.5 Mbps
CIR 3.0 Mbps
CIR 5.0 Mbps
CIR 6.0 Mbps
CIR 9.0 Mbps
CIR 10.0 Mbps
CIR 12.0 Mbps
CIR 15.0 Mbps
CIR 20.0 Mbps
CIR 25.0 Mbps
CIR 30.0 Mbps
CIR 35.0 Mbps
CIR 40.0 Mbps
CIR 45.0 Mbps
CIR 50.0 Mbps
CIR 100.0 Mbps
CIR 150.0 Mbps
CIR 200.0 Mbps
CIR 300.0 Mbps
CIR 400.0 Mbps
CIR 500.0 Mbps
CIR 600.0 Mbps
CIR 700.0 Mbps
CIR 800.0 Mbps
CIR 900.0 Mbps
CIR 1.0 Gbps

Committed Information Rate ("CIR") is the guaranteed bandwidth amount across the circuit.

EVLS will be available 24 hours per day, 7 days per week, except as required to updated, enhance, maintain and/or repair the service. The Telephone Company reserves the right to perform these tasks, as needed, during off-peak hours, normally on Sundays from 12:00 a.m. to 6:00 a.m. In the event the Telephone Company needs to update, enhance, maintain and/or repair the service outside of this time it will make every attempt to provide 24 hour notice to the customer.

The electrical signals of EVLS operate in compliance with the following IEEE Standards 802.3ah and 802.1ag.

23. Ethernet Virtual LAN Service ("EVLS") (Cont'd)

23.3 Rate Regulations

The rates and charges for EVLS are set forth in Section 17.8.

EVLS is available on a month to month basis with a minimum service period of 12 months or under a term plan of 24, 36, 48 or 60 months. If a customer terminates the service prior to the expiration of the minimum service period or term plan, the customer will pay the Telephone Company a termination charge equal to all remaining amounts due or to become due prior to the end of the minimum service period or term plan.

Upon completion of the term plan the customer may renew the term plan. If the customer does not renew their term plan prior to the expiration date and does not elect to discontinue EVLS, the Telephone Company will continue to furnish EVLS to the customer as specified in the tariff at the month-to-month tariffed rates.

If the customer elects to upgrade their term plan, prior to the expiration of their current term, the monthly charges will be adjusted to the current tariffed rates in effect for the upgraded term at the time of the upgrade. There will be no credits or refunds made to the customer for payments made under the previous term, but nonrecurring charges will not be reapplied. If the customer reduces the number of ports in service, then termination charges will be applied for the removed service. The customer may not elect a term plan that is shorter than the remainder of the current term plan.

The customer may upgrade to a higher speed service or downgrade to a lower speed service without incurring termination charges.

The customer may add additional ports to its EVLS at the rates in effect at the time of such addition pursuant to the EVLS tariff, respectively, provided the Telephone Company has sufficient existing equipment. If sufficient equipment capacity or outside plant facilities are not available, the customer will be responsible for any special construction or other charges required to add such additional port(s) to its EVLS.

If the customer adds additional ports to its EVLS and the term for the initial port has not expired, then the following applies: a) the term selected for an additional port must be equal to or shorter than the remaining term for the initial port or b) the term period for the initial port will be extended to be coterminous with the term period selected for the additional port.