FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, LLC. - LEXINGTON

P.S.C. KY. No. 8 1st Revised Title Page Cancels Original Title Page

(C)

Effective: December 21, 2007

ISSUED: December 21, 2007 BY: Vice President Lexington, Kentucky

> Regulations, Rates and Charges applying to the provision of Access Services for connection to communications facilities for customers within the operating territories of the Company

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

Whenever in this Tariff the name Windstream Kentucky East, Inc. - Lexington, Windstream Kentucky East - Lexington or the term Telephone Company appears, that reference shall be deemed to refer to Windstream Kentucky East, LLC



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CONCURRING CARRIERS No Concurring Carriers

CONNECTING CARRIERS No Connecting Carriers

OTHER PARTICIPATING CARRIERS No Other Participating Carriers

EXPLANATION OF SYMBOLS

- (C) To signify changed regulation
- (D) To signify discontinued rate or regulation
- (I) To signify increase
- (M) To signify matter relocated without change
- (N) To signify new rate or regulation
- (R) To signify reduction
- (S) To signify reissued matter
- (T) To signify a change in text but no change in rate or regulation

EXPLANATION OF ABBREVIATIONS

AAM - Assumed Access Minutes ac - alternating current ACAT - Additional Cooperative Acceptance Testing ACD - Automatic Call Distributor AIOD - Automatic Identification of Outward Dialed AM - Access Minutes ANI - Automatic Number Identification ARD - Automatic Ringdown ASR - Access Service Request AST - Automatic Scheduled Testing ATM - Asynchronous Transfer Mode AT&TC - American Telephone and Telegraph Communications, Inc. BHMC - Busy Hour Minutes of Capacity **BP** - Billing Percentages CAC - Carrier Access Code CCS - Centum Call-Seconds CCSA - Common Control Switching Arrangement(s) CDL - Customer Designated Location CDM - Call Days in Month CIC - Carrier Identification Code **CIR** - Committed Information Rate **CMF** - Chargeable Minimum Factor COMPS - Central Office Maintenance Planning System Cont'd - Continued CST - Cooperative Scheduled Testing CSU - Circuit Switching Unit DA - Digital Data Access DAM - Distance in Airline Miles dB - Decibel



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EXPLANATION OF ABBREVIATIONS (Continued)

dBm - Decibels below one milliwatt dBmO - Transmission Level Referred to the Zero Transmission Level Point dBrnCO - Decibel Reference Noise C-Message Weighted O dBv - Decibels Referred to One Volt dc - direct current DDS - Digital Data Service DTMF - Dual Tone Multifrequency DX – Duplex ELEPL - Equal Level Echo Path Loss E&M - The Receive and Transmit Leads of a Signaling System **EML - Expected Measured Loss** EPL - Echo Path Loss ERL - Echo Return Loss f – frequency FCC - Federal Communications Commission FCO - Foreign Central Office Service FIA - Facilities for Intrastate Access GTOC - Operating Telephone Companies of GTE Corporation GSEC - General Services and Equipment Code HC - High Capacity HNPA - Home Numbering Plan Area Hz – Hertz IA - Interface Arrangement IC - Interexchange Carrier ICB - Individual Case Basis IDDD - International Direct Distance Dialing ILP - Initial Liability Period **IP** - Interconnection Point kbps - kilobits per second kHz – kilohertz LATA - Local Access and Transport Area LEC - Local Exchange Carrier Ma – Milliamperes Mbps - Megabits per second MHz – Megahertz MJU - Multi-Junction Unit MRC - Monthly Recurring Charge MST - Manual Scheduled Testing MTL - Maximum Termination Liability NA - Not Available

> TARIFF BRANCH RECEIVED 7/17/2006 PUBLIC SERVICE COMMISSION OF KENTUCKY

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EXPLANATION OF ABBREVIATIONS (Continued)

NANP - North American Numbering Plan NECA - National Exchange Carrier Association NPA - Numbering Plan Area NRC - Nonrecurring Charge NST - Nonscheduled Testing NXX - Three Digit Central Office Code OPS - Off-Premises Station PBX - Private Branch Exchange PCM - Pulse Code Modulation PCR - Peak Cell Rate POT - Point of Termination RMC - Recurring Monthly Charge rms - root-mean-square SCR - Sustained Cell Rate SF - Single Frequency SRL - Singing Return Loss STR - Switched Transport Rate TDCF - Total Day Conversion Factor TLP - Transmission Level Point TV – Television UL - Underutilization Liability USOC - Uniform Service Order Code VG - Voice Grade V&H - Vertical & Horizontal WA - Wideband Analog WATS - Wide Area Telecommunications Service



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1. APPLICATION OF TARIFF

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1. APPLICATION OF TARIFF



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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Effective: August 1, 2006

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BY: Vice President Lexington, Kentucky

- 1. <u>APPLICATION OF TARIFE</u>
- 1.1 This tariff contains regulations, rates and charges applicable to Switched Access, Special Access and End User Access or, in combination, as Facilities for Intrastate Access, hereinafter referred to as FIA, provided by WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON, hereinafter referred to as the Telephone Company, to customers. This tariff further provides for Ancillary and Miscellaneous Services. This tariff does not apply to other services offered by the Telephone Company.
- 1.2 Regulations, rates and charges as specified in this tariff apply to FIA and shall not serve as a substitute for IC tariff offerings of services to end users. The provision of such FIA by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with an IC for the furnishing of any service.



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2. GENERAL REGULATIONS

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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u>
- 2.1 Undertaking of the Telephone Company
- 2.1.1 <u>Scope</u>
 - (A) (Reserved for Future Use)
 - (B) The Telephone Company does not undertake to transmit calls or offer a telecommunications service under this tariff.
 - (C) The Telephone Company shall be responsible only for the installation, operation, and maintenance of the services which it provides.
 - (D) The Telephone Company will, for maintenance purposes, test its FIA only to the extent necessary to detect and/or clear troubles. Testing beyond normal parameters will be done as described in Section 6 following.
 - (E) FIA are provided twenty-four hours daily, seven days per week.

2.1.2 Limitations

- (A) The customer may not assign or transfer the use of FIA provided under this tariff except that, where there is no interruption of use or relocation of the FIA, such assignment or transfer may be made to:
 - (1) another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such FIA, and the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any; or
 - (2) A court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any.



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.2 Limitations (Continued)
 - (A) (Continued)

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

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

- (B) The emergency provisioning and restoration of FIA shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority system for such activities. Section 6.4 describes the service arrangement.
- (C) (Reserved for Future Use)
- (D) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

2.1.3 Liability

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



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SY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.3 <u>Liability</u> (Continued)
 - (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company, for its own act or omission, hold liable any other carrier or customer providing a portion of a service.
 - (C) (Reserved for Future Use)
 - (D) The Telephone Company shall be indemnified, defended and held harmless by the IC or end user against any claim, loss or damage arising from the use of FIA offered under this tariff. The foregoing indemnity shall issue on the IC or the end user separately, each being responsible for its own acts and omissions, involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communications;
 - (2) Claims for patent infringement arising from combining or using the FIA furnished by the Telephone Company in connection with facilities or equipment furnished by the IC or end user; or
 - (3) All other claims arising out of any act or omission of the IC or end user in the course of using FIA provided pursuant to this tariff.
 - (E) The Telephone Company does not guarantee or make any warranty with respect to its FIA when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the IC or end user from any and all claims by any person relating to the FIA so provided. The foregoing indemnity shall issue on the IC or the end user separately, each being responsible for its own acts and omissions.



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Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.3 <u>Liability</u> (Continued)
 - (F) Except in the case of willful misconduct, under no circumstances whatever shall the Telephone Company be liable for indirect, incidental, special or consequential damages; and this disclaimer shall be effective notwithstanding any other provisions hereof.
 - (G) No license under patents is granted by the Telephone Company to the customer or shall be implied or arise by estoppel in the customer's favor with respect to any circuit, apparatus, system or method used by the customer in connection with FIA provided under this tariff. With respect to claims of patent infringement made by third persons, the Telephone Company will defend, indemnify, protect and save harmless the customer from and against all claims arising out of the use by the customer of FIA provided under this tariff.
 - (H) The Telephone Company's failure to provide or maintain FIA under this tariff shall be excused by labor difficulties, governmental orders, civil commotion, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the interruption allowance provisions of following.
 - (I) The Telephone Company shall reimburse the customer for damages to premises or equipment of the customer resulting from the provision of FIA by the Telephone Company on such premises, or by the installation or removal thereof, caused by the negligence or willful act of the Telephone Company.



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.4 Provision of FIA
 - (A) The Telephone Company, to the extent that such FIA are or can be made available with reasonable effort, and after provisions have been made for the Telephone Company's local service, will provide to the customer, upon reasonable notice, FIA offered in other applicable sections of this tariff at rates and charges specified therein.
 - (B) FIA provided to a customer under this tariff may be connected directly to customer facilities and/or may be connected to access facilities of another telephone company or companies in the joint provision of interexchange access.

2.1.5 Installation and Termination of FIA

The FIA provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer designated location, and (B) will be installed by the Telephone Company to such point of termination.

2.1.6 <u>Maintenance of FIA</u>

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



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SY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.7 Changes and Substitutions

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

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

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.8 Discontinuance and Refusal of FIA
 - (A) Unless the provisions of 2.2.2(B) following apply, if the customer fails to comply with the provisions of 2.1.6 preceding, 2.3.1 following, and 2.4.1(D) following, including any payments to be made by it on the dates or at the times herein specified, and fails within thirty (30) days after written notice, by certified mail, from the Telephone Company to a person designated by the customer to correct such noncompliance, the Telephone Company may discontinue the provision of the FIA to the noncomplying customer. In case of such discontinuance, all applicable charges shall become due.
 - (B) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of a FIA or group of FIA, and fails to correct such course of action after notice as set forth in (A) preceding, the Telephone Company may refuse applications for additional FIA to the non-complying customer until the course of action is corrected.

2.1.9 Preemption of FIA

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

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.1 <u>Undertaking of the Telephone Company</u> (Continued)
- 2.1.10 Limitation of Use of Metallic Facilities

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

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

- 2.2 <u>Use</u>
- 2.2.1 (Reserved for Future Use)
- 2.2.2 Interference or Impairment
 - (A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the FIA provided under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its connecting and concurring carriers, or other telephone companies involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to their employees or to the public.



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.2 <u>Use</u> (Continued)
- 2.2.2 Interference or Impairment (Continued)
 - (B) Except as provided for equipment or systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. Paragraph 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer, as appropriate, that temporary discontinuance of the use of FIA may be required; however, where prior notice is not practicable, nothing contained herein shall be preclude the Telephone Company's right to temporarily discontinue forthwith the use of FIA if such action is reasonable in the circumstances. In case of such temporary discontinuance the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, allowance for interruption of FIA as set forth in 2.4.4 following is not applicable.



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.2 <u>Use (Continued)</u>
- 2.2.3 Unlawful Use of FIA

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

- 2.3 Obligation of the Customer
- 2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone Company facilities utilized to provide FIA under this tariff caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery of the Telephone Company for the damages to the extent of such payment. The amount of reimbursement shall be the actual cost of repair to the damaged facilities including labor costs as specified in 6.2(G) following.



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.3 <u>Obligation of the Customer</u> (Continued)
- 2.3.2 <u>Theft</u>

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

2.3.3 Equipment Space and Power

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

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

2.3.6 Availability for Testing

The FIA provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the FIA in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.7 Balance

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



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Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.3 <u>Obligation of the Customer</u> (Continued)
- 2.3.8 Design of Customer Services

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

2.3.9 <u>References to Telephone Company</u>

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

- 2.3.10 (Reserved for Future Use)
- 2.3.11 <u>Claims and Demands for Damages</u>
 - (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the FIA provided under this tariff, any circuit, apparatus, system or method provided by the customer, the IC or its end user.



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.3 <u>Obligation of the Customer</u> (Continued)
- 2.3.11 <u>Claims and Demands for Damages</u> (Continued)
 - (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against suits, claims, and demands by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's FIA provided under this tariff including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses or other authority to acquire or operate the FIA provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.
- 2.3.12 (Reserved for Future Use)
- 2.3.13 <u>Coordination with Respect to Network Contingencies</u>

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.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances
- 2.4.1 Payment of Charges and Deposits
 - (A) The Telephone Company may, in order to safeguard its interests, require a customer, which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of the FIA to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company. A deposit may not exceed the actual or estimated rates and charges for the FIA for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills. At such time as the provision of the FIA to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. After the customer has established a one year prompt payment record, such a deposit will be refunded or credited to the customer account at any time prior to the termination of the provision of the FIA to the customer. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive simple annual interest at the percentage rate specified in the Telephone Company General and/or Local Tariff.
 - (B) Where the provision of FIA requires facilities that meet any of the conditions specified in 10.1.1 following, Special Construction charges as set forth in Section 10 following will apply.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, LLC - LEXINGTON

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(C)

Effective: January 31, 2009

ISSUED: January 16, 2009 BY: Vice President Lexington, Kentucky

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

The customer will receive its bill in; 1) a paper format or 2) a paper format bill summary with a magnetic tape to provide the detailed information of the bill. Such bills are due when rendered. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

(D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in 2.1.8.



P.S.C. KY. No. 8 First Revised Page 16 Cancels Original Page 16 Effective: November 23, 2017

- ISSUED: November 9, 2017
- BY: Vice President Tariffs 4001 Parham Road Little Rock, Arkansas 72212
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.1 Payment of Charges and Deposits (Continued)
 - (D) (Continued)
 - (1) 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, 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) 0.000590 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.

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

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

In the event the Company incurs fees and expenses, including attorney's fees, in collecting, or attempting to collect, any charges owed the Company, the Customer will be liable to the Company for payment of all such fees and expenses reasonably incurred.

(2) In the event of a billing dispute, the customer must submit a documented claim for the disputed amount. If the claim is received within six months of the payment due date, and the customer has paid the total billed amount, any interest credits due the customer upon resolution of the dispute shall be calculated from the date of over-

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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.1 Payment of Charges and Deposits (Continued)
 - (D) (Continued)
 - (2) (Continued)

from the date of overpayment. If the claim for the disputed amount is received more than six months from the payment due date, any interest credits due the customer upon resolution of the dispute shall be calculated from the later of the date the claim was received or the date of overpayment. A credit will be granted to the customer for both the disputed amount paid and an amount equal to the percentage rate as set forth in (1).

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

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.1 Payment of Charges and Deposits (Continued)
 - (D) (Continued)
 - (3) Late Payment Charges applicable to End-User FIA, described in Section 13, following, are those set forth in the Telephone Company General and/or Local Tariffs.
- 2.4.2 <u>Minimum Periods</u>
 - (A) The minimum periods for which FIA are provided and for which rates and charges are applicable are set forth in 3.2.4 following.
 - (B) The minimum periods for which FIA are provided and for which rates and charges are applicable for Specialized FIA or Arrangements provided on an Individual Case Basis, as set forth in Section 7 following are established with the individual case filing.
 - (C) For discontinuances of FIA with a one month minimum period, all applicable charges for the one month period will apply. In instances where the minimum period is greater than one month, however, the charge will be the lesser of the Telephone Company's non-recoverable costs less the net salvage value for the discontinued service of the minimum period charges.



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.3 Cancellation of an ASR

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

2.4.4 Credit Allowance for FIA Interruptions

(A) <u>General</u>

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

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

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

(1) For Special Access services other than Program Audio, Switched Access Entrance Facilities, Direct-Trunked Transport and Multiplexing services, a credit allowance will be made for an interruption period of 30 minutes or more. The allowance will be calculated at the rate of 1/1440 of the monthly charge for the portion of the FIA affected, for each 30 minutes or major fraction thereof that the interruption continues. A major fraction is considered to be sixteen minutes or more beyond the 30 minute period.



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.4 <u>Credit Allowance for FIA Interruptions</u> (Continued)
 - (A) <u>General</u> (Continued)
 - (2) For Program Audio services, a credit allowance will be made for an interruption of 30 seconds or more. Two or more such interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. The allowance will be calculated as follows:
 - (a) For Program Audio Service provided at monthly rates, the credit will be at the rate of 1/8640 of the monthly service rate.
 - (b) For Program Audio Service provided at daily rates, the credit will be at the rate of 1/288 of the daily rate.
 - (3) For Switched Access service, billed using assumed minutes of use, a credit allowance will be made for an interruption of 24 hours or more. The credit allowance will be calculated at 1/30 of the assumed minutes of use charge for each 24 hours or major fraction thereof that the interruption continues. A major fraction is considered to be 13 hours. No credit will be given where Switched Access billing is based on actual usage.

(B) <u>When Credit Allowance Does Not Apply</u>

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a FIA due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of a FIA during any period in which the Telephone Company is not afforded access to the premises where the FIA is terminated.



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 <u>Payment Arrangements and Credit Allowances (Continued)</u>
- 2.4.4 <u>Credit Allowance for FIA Interruptions</u> (Continued)
 - (B) <u>When Credit Allowance Does Not Apply</u> (Continued)
 - (4) Interruptions of a FIA during an agreed upon period when the customer has released a FIA to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an ASR for a change in the FIA. Should the maintenance, rearrangement, or ASR implementation interruption period extend beyond the agreed upon period, credit allowance will apply.
 - (5) Interruptions of a FIA which continue because of the failure of the customer to authorize replacement of any element of Special Construction, as set forth in Section 10 following. The period for which no credit allowance is made begins on the seventh day after the Telephone Company's written notification to the customer of the need for such replacement and ends on the day after receipt of the customer's written authorization for such replacement.
 - (6) Periods when the customer elects not to release the FIA for testing and/or repair and continues to use it on an impaired basis.
 - (7) (Reserved for Future Use)
 - (8) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
 - (C) Use of an Alternative Service Provided by the Telephone Company

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



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Effective: August 1, 2006

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BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.4 Payment Arrangements and Credit Allowances (Continued)
- 2.4.4 <u>Credit Allowance for FIA Interruptions</u> (Continued)
 - (D) <u>Temporary Surrender of a FIA</u>

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.5 <u>Connections</u>

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



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Effective: August 1, 2006

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BY: Vice President Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 Definitions

Certain terms used herein are defined as follows:

Access Area

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

Access Code

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

Access Group

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

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the originating end of an intrastate call, usage is measured from the time the originating End User's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the End User in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable. For the calculation of total minutes, seconds are totaled and converted to minutes before rounding occurs. Remainder seconds greater than 29 are rounded to a minute.



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WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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Effective: August 1, 2006

ISSUED: July 17, 2006 BY: Vice President

Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Access Service Request

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

Access Tandem

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

Agent

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

Answer/Disconnect Supervision

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

Answer Message

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

Attempt

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



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Effective: August 1, 2006

ISSUED: July 17, 2006 BY: Vice President

Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Attenuation Distortion

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

Balance (100-Type) Test Line

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

BHMC

See Busy Hour Minutes of Capacity.

<u>Bit</u>

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

<u>Byte</u>

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



FACILITIES FOR INTRASTATE ACCESS

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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Bridging

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

Bridging Wire Center

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

Business Day

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Busy Hours Minutes of Capacity

The term "Busy Hour Minute Capacity" denotes the trunk group usage load of the average usage load for the busy season.

Busy Season

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

Byte

A sequence or group of eight bits that represents one character.

C-Conditioning

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

C-Message Noise

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

C-Notched Noise

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

CCS

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

Call

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

Call Branding

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

Central Office

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

Central Office Loop Around Test Line

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

Central Office Prefix

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

Centralized Automatic Reporting on Trunks (CAROT) Testing

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Channelize

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

Circuit

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

Common Channel Signaling System 7 Network (CCS7)

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

Common Line

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

Communications System

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



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Effective: August 1, 2006

ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 <u>Definitions</u> (Continued)

Confirmed ASR

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



WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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ISSUED: December 23, 2011 BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Confirming Design Layout Report Date

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

Conventional Signaling

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

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

Customer Designated Location

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

KENTUCKY PUBLIC SERVICE COMMISSION
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TARIFF BRANCH
Bunt Kirtley
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1/7/2012 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

P.S.C. KY. No. 8 Original Page 33

Effective: August 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 <u>Definitions</u> (Continued)

D-Conditioning

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

Daily Busiest Hour

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

Data Transmission (107-Type) Test Line

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

Dual Tone Multifrequency Address Signaling

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

Echo Path Loss

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

Echo Return Loss

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



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P.S.C. KY. No. 8 Original Page 34

Effective: August 1, 2006

ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 Definitions (Continued)

End Office Switch

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

End User

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

Engineering Review

The term "Engineering Review" denotes the examination of an ASR with a customer requested change to determine if a design change is required. It includes, but is not limited to, the review for possible change requirements in equipment, interfaces, circuit configurations, engineering records, and billing.

Entry Switch

See First Point of Switching.

Excess Capacity

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 <u>Definitions</u> (Continued)

Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area (LATA), established by the Telephone Company for the administration of communication service in a specified area which usually embraces a city, town, or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given LATA.

Exchange Access Signaling

The signaling system which is used, by equal access end offices, to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

Exit Message

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

Extended Area Service

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

Fiber Optic Interface

The term "Fiber Optic Interface" denotes the termination of service with single mode fiber optic cable at the customer premises. When this interface is selected, it is the customer's responsibility to provide the optical line termination at his premises. This equipment must be compatible with the Telephone Company provided equipment.

Firm Order Confirmation Date

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



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ISSUED: July 17, 2006 BY: Vice President

Lexington, Kentucky

2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 <u>Definitions</u> (Continued)

First Point of Switching

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

Frame

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

Frame Relay Access Line

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

Frame Relay Port

For Frame Relay Service, the physical entry points for access lines and the originating and terminating points for Permanent Virtual Circuits (PVCs). Ports include the electronic equipment used in connecting these service elements to the Frame Relay Network, and enable customers to allocate bandwidth to applications, as needed, at customer designated transmission speeds of either 56 Kbps or 1.544 Mbps.



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BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Four-Wire to Two-Wire Conversion

The term "Four-Wire to Two-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity such as a Central Office switch trunk circuit or switching system.

Gateway Switch

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

Ground Start Supervisory Signaling

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

Immediately Available Funds

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

Individual Case Basis

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



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2. <u>GENERAL REGULATIONS</u> (Continued)

2.6 <u>Definitions</u> (Continued)

Information Service Provider

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

Initial Address Message (IAM)

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

Installed Cost

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

Interexchange Carrier (IC) or Interexchange Common Carrier

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



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Intermodulation Distortion

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

Interstate Communications

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



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BY:

- Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Intrastate Communications

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

Kilosegment

A unit of packet transmission defined as 64,000 bytes of data.

Line

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

Line Group

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

Line Side Connection

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

Local Access and Transport Area

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

Local Area Network (LAN)

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



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Effective: August 1, 2006

ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Logical Channel

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



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Effective: August 1, 2006

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BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Maximum Termination Liability

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

Maximum Termination Liability Period

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

Mid Link

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

Milliwatt (102 Type) Test Line

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

Multicarrier Access Area

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



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- BY: Vice President Lexington, Kentucky
- 2. GENERAL REGULATIONS (Continued)
- 2.6 <u>Definitions</u> (Continued)

National Security Emergency Preparedness (NSEP) Services

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

Net Salvage

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

Network Address

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

Network Channel Interface Code

The "Network Channel Interface" code (NCI) is an ordering code that provides an indication of the generic channel type. The NCI code provides the technical characteristics of the interface and describes the physical and electrical characteristics of the special access interface to the customer designated locations.

Non-Overlap Outpulsing

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

Nonrecoverable Cost

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Nonsynchronous Test Line

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

North American Numbering Plan

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

NSEP Treatment

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

<u>Octet</u>

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

Off-Hook

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

On-Hook

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

Open Circuit Test Line

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Operator Services Provider

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

Operator Services System

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

Operator Services Switching Location (OSSL)

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

Order Interval

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



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BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 Definitions (Continued)

Originating Direction

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

Overlap Outpulsing

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

Packet

A continuous sequence of binary digits of information which is switched through the network as an integral unit. A packet consists of up to 1,024 bits of customer data plus additional transmission and error control information.

Packet Switch

A central office based switch that establishes a virtual connection between two data network addresses for the transmission of discrete amounts of information.

Packet Switching Office

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

Plant Test Date

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

Point of Termination

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

Premises

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



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Pre-service Testing

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

Protocol

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

Primary Exchange Carrier

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

Public Pay Telephone

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

Protocol

A set of rules governing the format to be followed when transmitting information between communicating devices.

Recoverable Cost

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

Registered Equipment

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

Route Mileage

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



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BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Signal Transfer Point (STP) Port

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

Signaling Point

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and/or terminating SS7 messages.

Signaling System 7 (SS7)

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

Statistical Multiplexing

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

Synchronous Test Line

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



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- BY: Vice President Lexington, Kentucky
- 2. GENERAL REGULATIONS (Continued)
- 2.6 <u>Definitions</u> (Continued)

Scheduled Issue Date

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

Secondary Exchange Carrier

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

Segment

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

Semi-Public Pay Telephone

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

Service Date

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

Seven-Digit Manual Test Line

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

Short Circuit Test Line

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



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ISSUED: December 23, 2011 BY: Vice President Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Telecommunications Service Priority (TSP) System

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

Temporary Facilities

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

Terminating Direction

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

Toll VoIP-PSTN Traffic

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

<u>Trunk</u>

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

Trunk Group

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

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a office switch.	transmission path t KEN TURKN e of an end PUBLIC SERVICE COMMISSION
V&H Coordinates Method	JEFF R. DEROUEN EXECUTIVE DIRECTOR
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Effective: August 1, 2006

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Lexington, Kentucky

- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.6 <u>Definitions</u> (Continued)

Virtual Connection

A logical channel between two users of a public packet switched network whereby the required bandwidth is allocated on demand from a pool of shared physical circuits.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with a Special Access Line used with a Switching Interface as set forth in 4.2.5(V) following.#

Wire Center

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

Wire Center Area

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

X.25 Protocol

Provides the capability of establishing multiple virtual communication links from the customer through the Company's public packet switched network.

X.75 Protocol

Provides the capability of establishing multiple virtual communication links between public packet switched networks.

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



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BY: Vice President

- Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)

2.7 FIA Services Provided By More Than One Telephone Company

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

The Telephone Company will notify the customer which billing methods will be used. The customer will place the ASR for the service as set forth in 3.3 following.

(1) Single Company Billing:

The Single Company Billing method may be applied to FGA Switched Access Service.

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

(2) Meet Point Billing:

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

There are two Meet Point Billing Options -- Single Bill and Multiple Bill. The Telephone Company must notify the customer of: (1) the Meet Point Billing Option that will be used, (2) the Telephone Company(s) that will render the bill(s), (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4)



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2. <u>GENERAL REGULATIONS</u> (Continued)

2.7 FIA Services Provided By More Than One Telephone Company (Continued)

- (A) (Continued)
 - (2) Meet Point Billing (Continued):

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

(a) Single Bill Option

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

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

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

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



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (a) Single Bill Option (Continued)
 - The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of the Switched Transport is provided and/or where the CDL is located.

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

(1) Single Bill/Single Tariff

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

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

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



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (a) Single Bill Option (Continued)
 - (2) Single Bill/Single Tariff

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

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

The Initial Billing Company will:

- apply usage data, when needed, to the bill and calculate the charges;
- identify each involved Telephone Company for meet point billed access service into one access bill;
- forward the bill to the customer, and



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (a) Single Bill Option (Continued)
 - (2) Single Bill/Pass-Through Billing (Continued)
 - advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.
 - (3) Single Bill/Multiple Tariff

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

- determine each Telephone Company's portion of switched transport and/or special transport as set forth in 2.7(A)(2) (c);
- determine the applicable charges and bill in accordance with each Telephone Company's tariff;
- include all recurring and nonrecurring charges for each involved Telephone Company;
- identify each involved Telephone Company's charges separately on the bill;



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (a) Single Bill Option (Continued)
 - (3) Single Bill/Multiple Tariff (Continued)
 - forward the bill to the customer; and
 - advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.
 - (b) Multiple Bill Option

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

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

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (c) Meet Point Billing Mileage Calculation

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

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (c) Meet Point Billing Mileage Calculation (Continued)
 - (3) For Switched Access Tandem-Switched Transport; (a) multiple the number of access minutes of use times the number of airline miles as set forth in (1), times the BP of each Telephone Company as set forth in (2), times the Tandem-Switched Transport Facility rate; (b) multiply the Tandem-Switched Transport-Termination rate times the number of access minutes times the quantity of terminations.

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

The Tandem-Switched Transport between Office X and Office Y is jointly provided by telephone companies A and B. The following example reflects the rate for telephone company A. Rates for telephone company B would appear in its appropriate Access Tariff.

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

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



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- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.7 FIA Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (2) Meet Point Billing (Continued):
 - (c) Meet Point Billing Mileage Calculation (Continued)
 - (3) (Continued)
 - (C) Access Minutes for Telephone Company A = 9000.
 - (D) Tandem-Switched Transport rate for Telephone Company A = SWT FAC.
 - (E) Tandem-Switched Transport-Termination Rate = SWT TERM

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

Formula:

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

Calculation:

Telephone Company A

AM ALM BP SWT FAC SWT TERM AM TERMS





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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)

2.7 FIA Services Provided By More Than One Telephone Company (Continued)

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



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- BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.8 <u>Termination Liability</u>
- 2.8.1 <u>General</u>
 - (A) In the event service is terminated by the customer prior to completion of the initial term commitment period, the customer shall be liable for an early termination charge, except as noted in Number 4. following. The amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:

25% X MRC X # of Lines/Channels/Paths X # of Months Remaining = Termination Charge

- (B) Early termination charges will apply only to those rate elements under a term commitment period. If any rates for the service are increased during the term period, the customer may terminate the service without incurring an early termination charge.
- (C) Renewal Options
 - (1) Prior to the end of the term commitment period, the customer may:
 - (a) Renew their term commitment,
 - (b) Commit to a new term period,
 - (c) Change service, or
 - (d) May arrange for termination of the service at the end of term.
 - (2) In the event the customer does not select one of the above renewal options, the customer will be converted to the shortest-term period available under tariff (i.e., month-to-month, one year, etc.) for the same service. If the customer is converted in this way, an early termination charge will not apply should the customer subsequently discontinue service.
- (D) Early termination charges will not be assessed under the following circumstances:
 - (1) Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term.
 - (2) Customer moves existing service to a new location where the service is unavailable.
 - (3) Customer renegotiates a new term commitment plan for the same service before the initial term commitment expires and the value of the new term commitment is equal to or greater than the value of the initial term commitment.



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- ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky
- 2. <u>GENERAL REGULATIONS</u> (Continued)
- 2.8 <u>Termination Liability</u> (Continued)
- 2.8.1 <u>General</u> (Continued)
 - (D) (Continued)
 - (4) Customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:
 - (a) The value of the new term commitment is of equal or greater monetary value than the initial term commitment.
 - (b) The Company provides the new service via tariff or per entity inquiry.
 - (c) The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time.

Termination Liability as specified prior is applicable only to services which reference P.S.C. KY No. 6, <u>GENERAL</u> <u>REGULATIONS</u>, <u>Termination Liability</u>. Termination Liability terms and conditions remains the same for any service not bearing this specific reference.



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3. ORDERING CONDITION FOR FIA

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3. ORDERING CONDITIONS FOR FIA

3.1 <u>General</u>

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

3.1.1 Ordering Conditions

- (A) A customer may order any amount of FIA (Switched or Special) of the same interface type, same Feature Group or same Special Access between the same locations for installation on the same date on a single FIA ASR. A customer may order the shared use of Switched Access and Special Access over the same high capacity facility however, separate FIA ASRs are required. The methodology for shared use is set forth in 5.6.7.
 - ASRs for FGA must specify the number of lines required.
 - ASRs for FBB, FGC, FGD and SAC Access Service must specify the number of trunks required or Busy Hour Minutes of Capacity (BHMC). For Tandem-Switched Transport, the customer has the option of specifying the number of trunks or Busy Hour Minutes of Capacity (BHMC). In addition, the ASR must indicate whether the Switched Transport ordered is for Entrance Facilities, Direct-Trunked Transport and/or Tandem-Switched Transport. For Direct-Trunked Transport and Entrance Facilities, the ASR must specify channel type, channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify Facility Hubs involved.

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 Ordering Conditions (Continued)
 - (B) The customer shall supply all details necessary to complete an order. The details may include the following: requested service date, customer name, customer designated location, end office, Interface Arrangement, type of Switched Access or Special Access, Supplemental Features, End Office Services and Signaling Interface, and originating and terminating capacity required. The customer may also be required to provide end user name and location, end user contact person, and end user premises access information to complete an order for Special Access.

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 Ordering Conditions (Continued)
 - (B) (Continued)

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

- (C) When the Alternate Traffic Routing Optional Arrangement is ordered, more than one CDL will be supplied and the number of lines for FGA, trunks or BHMC for FGB, FGC and FGD to each CDL shall be specified.
- (D) The customer shall order SAC Access Service, as described in 4.2.1(E), in the same manner set forth for ordering FGD with the following exceptions. For 500 SAC Access Service or 900 SAC Access Service, customers may request direct connections to only those offices designated by the Telephone Company as 500 SAC Access Service or 900 SAC Access Service screening offices. All 500 NXX or 900 NXX code assignments and administration shall be in accordance with the North American Numbering Plan (NANP). 800/877/888 SAC Access Service is offered only in conjunction with the 800/877/888 Customer Identification Function as described in 4.2.11 and in conjunction with 800/877/888 Data Base Query Service as described in 4.2.19. Customers may request 800/877/888 SAC access connections to suitably equipped end offices and access tandem offices. A list of those offices will be provided upon request. All 800/877/888 number assignments shall be administered by the Number Administration Service Center (NASC) through the Service Management System (SMS).

500 NXX codes or 900 NXX codes to be activated and/or deactivated in conjunction with 500 SAC Access Service or 900 SAC Access Service, must be provided to the Telephone Company at least 60 calendar days prior to the effective date of the change.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 Ordering Conditions (Continued)
 - (D) (Continued)

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

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 <u>Ordering Conditions</u> (Continued)
 - (E) To determine if adequate central office facilities (i.e., trunk circuits) for FGD will be available on the conversion date to equal access and to be eligible for the allocation as set forth in the following paragraph all customers (including those customers who convert existing FGA, FGB or FGC to FGD) must order FGD 120 days prior to an end office conversion to equal access.

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

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

Step 1: Provide an initial flat 25% distribution of available trunk circuits to each requesting IC except for incremental requests over existing levels of FGC. (See table in Step 3).

- 25% x 800 (available facilities) = 200

- <u>200</u> = 25 (9 - 1)

Step 2: Assign all remaining trunk circuits proportionately, working from bottom up until ICs, as a result of the proration, are assigned less facilities than desired. First determine facilities available for apportionment.



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3. ORDERING CONDITIONS FOR FIA (Continued)

Step 3:

- 3.1 <u>General</u> (Continued)
- 3.1.1 <u>Ordering Conditions</u> (Continued)
 - (E) (Continued)
 - Step 2: (Continued)
 - 800 175 = 625 (eligible ICs are A, B, C, D, E, F)

- (<u>Desired Facilities</u>) (Total Desired Facilities) (of Remaining Facilities)	х	<u>Remaining</u> Facilities		
- F = <u>70</u> 1000 - 50	Х	(625 = 46) (assign only 45) (**)		
- E = <u>80</u> 1000 – 120	Х	(625 - 45) = 53		
(E receives less facilities than originally ordered, i.e., 53 + 25 = 78)				
When an IC receives less facilities than desired, the remainder of ICs are allocated according to the following allocation factor:				

<u>Remaining Facilities</u> = Total Desired	(<u>625-98)</u> 1000-200	=	<u>527</u> = .659 800
Facilities of Remaining			
Eligible ICs of			
Access			
- D = 100 x .659 = 66			
- C = 200 x .659 = 132			
- B = 200 x .659 = 132			
- A = 300 x .659 = 197			



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 Ordering Conditions (Continued)
 - (E) (Continued)

<u>ICs</u>	Demand Desired <u>(In Trunks)</u>	Resources <u>Available</u>	Step 1 Flat 25% <u>Distribution</u>	<u>Step 2</u>	<u>Step 3</u>	Total Assigned Trunk <u>Circuits</u>
А	300	-	25	-	197	222
В	200	-	25	-	132	157
C(*)	200	-	0	-	132	132
D	100	-	25	-	66	91
E	80	-	25	53	-	78
F	70	-	25	45	-	70
G	25	-	25	-	-	25
Н	15	-	15(**)	-	-	15
I	<u> 10 </u>	<u>-</u>	<u> 10(**)</u>	<u>-</u>	<u>-</u>	<u>10</u>
Total	1000	800	175	98	527	800

(*) Request for additional trunk circuits by an IC with existing FGC

(**) Will not assign more than desired

(F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(B). When a customer orders a DS3 SAL or DS3 Switched Entrance Facility, he may specify, on the ASR, if the interface is to be electrical or optical. In the event the customer does not specify an interface preference for DS3, the Telephone Company will provide an electrical interface. When a customer orders a FiberConnect SAL he must specify, on the ASR, whether the interface is to be electrical or optical. The customer must order FiberConnect as four DS1s and indicate, on the ASR, the Network Channel Interface (NCI) code for either electrical or fiber optic termination.

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



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- 3. ORDERING OPTIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 <u>Ordering Conditions</u> (Continued)
 - (G) (Reserved for Future Use)
 - (H) (Reserved for Future Use)
 - (I) (Reserved for Future Use)
 - (J) An ASR is required from the customer to add 1+ coin traffic from an end office. At the customer's option, the ASR can be issued at a 1+ coin tandem or end office level. For an initial customer order at a 1+ coin tandem, the Telephone Company must receive at least 120 calendar days prior to the requested effective date. Standard provisioning intervals will apply to subsequent orders involving that 1+ coin tandem.

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

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

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)
- 3.1.1 <u>Ordering Conditions</u> (Continued)
 - (L) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(A)(A), the customer shall provide an ASR specifying a reference to existing CCS7 Access service facilities or reference to a related ASR for CCS7 Access service as described in the GTOC Tariff FCC No. 1. The customer's ASR shall also include STP point codes, STP location identifier codes, FGD trunk or 800/877/888 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD, the customer shall specify that all traffic carried by that FGD will be equipped with out of band signaling. The customer shall work cooperatively with the Telephone Company to determine the number of CCS7 Access service connections required to handle the customer's SS7 Out of Band Signaling traffic.
 - (M) Reserved for Future Use
 - (N) Reserved for Future Use
 - (O) When ordering FGD D Switched Access with 950-XXXX Access as described in 4.2.5(T), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD Switched Access over which resulting originating 950-XXXX access code calls are to be routed.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.1 <u>General</u> (Continued)

3.1.2 Provision of Other Services

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

3.1.3 Special Construction

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

3.2 Access Service Request

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

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)

3.2.1 Service Date Intervals

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

3.2.2 ASR Modifications

The customer may request a modification of its ASR prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an ASR within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the ASR modification, the Telephone Company will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges as set forth in other sections of this tariff will be applicable.

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

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

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.2 <u>ASR Modifications</u> (Continued)
 - (A) <u>Service Date Change Charge</u> (Continued)

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

With the agreement of the Telephone Company, a new service date may be established that is prior to the original service date and the provisions set forth in (E) following will apply in addition to the Service Date Change Charge of \$58.61.

(B) Partial Cancellation Charge

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

A customer may cancel any number of Special Access circuits.

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

(1) Except as specified in 3.2.6(D), when as ASR for Switched Access Service is partially canceled on or after the Scheduled Issue Date, the charge will be determined by multiplying the total installation nonrecurring charges for the canceled portion of the order by the number of business days elapsed since the Scheduled Issued Date and dividing that figure by the number of days in the service interval and adding the Switched Access Ordering Charge.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.2 <u>ASR Modifications</u> (Continued)
 - (B) Partial Cancellation Charge (Continued)
 - (2) When an ASR for Special Access Service is partially canceled, the charge will be determined by multiplying the total Special Access nonrecurring charges for the canceled portion of the order by the number of business days elapsed since the order date and dividing that figure by the number of days in the service interval.
 - (3) When a customer cancels part of an ASR for which billing has commenced as provided in 3.2.2(A) and 3.2.6(A), cancellation charges in 3.2.6(C) (3) will apply to that part of the ASR being canceled.
 - (C) <u>Discontinuance of Service</u>

A customer may discontinue FIA that is in service at any time. The request for discontinuance of service must be received by the Telephone Company at least two business days prior to the date on which service is to be disconnected and billing discontinued. The request may be verbal or written, however, a verbal request must be followed, within ten days, by written confirmation. The written confirmation serves as a confirmation of the verbal request rather than a request itself. The customer must notify the Telephone Company of a delay or cancellation in the discontinuance request prior to the disconnect date. The Telephone Company, where possible, will establish the disconnect date in accordance with such request. Billing and service will then continue until the new requested disconnect date. If a service is discontinued prior to the expiration of the Minimum Period as set forth in 3.2.4, the Minimum Period Charges as set forth in 3.2.5, may apply. For Switched Access Service, the capacity discontinued may be subject to the Minimum Capacity Requirements as set forth in 3.5.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.2 <u>ASR Modifications</u> (Continued)
 - (D) <u>Design Change Charge</u> (USOC H28)

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

(E) <u>Requests for Expedition</u>

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

3.2.3 Selection of Facilities for Access Service

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



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BY: Vice President Lexington, Kentucky

- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.4 <u>Minimum Period</u>
 - (A) The Minimum Period for which Special Access and End User FIA are provided and for which charges are applicable, is one month, except as set forth in (B) through (H).
 - (B) The Minimum Period for Miscellaneous Services is as set forth in Section 6.
 - (C) The Minimum Period for Ancillary Services is as set forth in Section 8.
 - (D) The Minimum Period for program audio Special Access is the minimum period for which rates are established in Section 5.7.
 - (E) The Minimum Period for FIA provided under Special Construction provisions and for which charges are applicable is as set forth in Section 10.
 - (F) The Minimum Period for FGA, FGB, FGC, SAC Access Service and for FGD ordered after the conversion of an end office to equal access is one month. For the application of the minimum period charges for Switched Access Service FGB, FGC, SAC Access Service, and for FGD ordered after the conversion of an end office to Equal Access, it is assumed the last identical capacity placed in service is the first one discontinued.
 - (G) For FGD ordered prior to the conversion of an end office to equal access and (1) cancelled prior to the conversion date, a Cancellation Charge as set forth in 3.2.6 applies or (2) cancelled on or after the equal access conversion date, a Discontinuance Charge as set forth in 3.2.7 applies.
 - (H) The minimum periods for Special Access DS3 Service are as set forth in Section 5.6.11.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.5 Minimum Period Charges

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

The Minimum Period Charge will be determined as follows:

- (A) For Switched Access flat-rated monthly elements (i.e., Entrance Facility, Direct-Trunked Transport and Multiplexing rates), the charge for the minimum period or fraction thereof is the applicable monthly rates for the service.
- (B) For Special Access, other than DS3 Service, the charge is the applicable monthly rate for the service(s) as set forth in 5.7. For Special Access DS3 Service, the charges are set forth in Section 5.6.11.
- (C) For End User Common Lines, the charge is the applicable monthly rate for the FIA as set forth in 13.11.
- (D) For FGD ordered prior to conversion of an end office to equal access, but cancelled after the equal access conversion date, a Discontinuance Charge as set forth in 3.2.7 applies.
- (E) For part-time or occasional program audio Special Access services, the rates as set forth in 5.6.1, 5.7, and 5.8 will apply.
- (F) For FGA or FGB Type service where measurement equipment is not available and the Assumed Minutes of Use Monthly Surrogate is used, the charge will be the prorated amount on a daily basis, calculated at 1/30 of the applicable rate shown in Section 4.6.7, for each day of the minimum period the facility was in service.



(C)

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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 Cancellation of an ASR
 - (A) A customer may cancel ordered FIA on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the ASR is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.



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BY: Vice President Lexington, Kentucky

- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 <u>Cancellation of an ASR</u> (Continued)
 - (A) (Continued)

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

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

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

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

(B) ASR costs are considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred. These costs include but are not limited to preliminary engineering, orders to suppliers and other similar items of cost. For purposes of determining cancellation charges, the costs are considered to have started the day the Telephone Company is scheduled to issue the ASR to all associated work groups. For all ASRs this is known as the Scheduled Issue Date. The customer will be notified of the applicable critical date interval on the Firm Order Confirmation (FOC) Date. The cancellation charges will not apply until the customer is notified of such charges.



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ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 <u>Cancellation of an ASR</u> (Continued)
 - (C) When a customer cancels an ASR for the installation of new service, or an ASR to modify existing service, charges will apply as follows:
 - (1) When an ASR for Switched Access Service is canceled on or after the Scheduled Issued Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total Installation nonrecurring charges for the quantity ordered by the number of business days elapsed since the Scheduled Issued Date, and dividing that figure by the number of days in the service interval (i.e., the number of business days between the Scheduled Issued Date and the last day of the service date interval) and adding the Switched Access Ordering Charge.
 - (2) When an ASR for Special Access Service is canceled on or after the Scheduled Issue Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total nonrecurring charges for the quantity ordered by the number of business days elapsed since the order date, and dividing that figure by the number of days in the service interval (i.e., the number of business days between the order date and the last day of the service date interval).
 - (3) When a customer chooses to commence billing rather than cancel an ASR for these services specified in (A), the customer must submit an ASR prior to calendar day 31 from the original service date and request a service date change. The new service date may not exceed the original service date by more than 120 calendar days. Charges in 3.2.2(A) will only apply for each subsequent service date change request after calendar day 31, not to exceed 120 calendar days.



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 <u>Cancellation of an ASR</u> (Continued)
 - (C) (Continued)
 - (3) (Continued)

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

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 <u>Cancellation of an ASR</u> (Continued)
 - (D) For cancellation of an ASR for Switched Access FGD before an end office converts to equal access, cancellation charges as set forth following will apply if the Telephone Company is notified of the cancellation within a period of 12 months prior to the scheduled service date. Cancellation charges apply to each trunk cancelled.

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

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



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- BY: Vice President Lexington, Kentucky
- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.6 <u>Cancellation of an ASR</u> (Continued)
 - (D) (Continued)

Example:

Month During Which Notice Is Received Before <u>Conversion Date</u>	<u>Charge</u> (Per Trunk Cancelled)
12	\$ 68.77
11	137.54
10	206.30
9	275.07
8	343.84
7	412.61
6	481.37
5	550.14
4	618.91
3	687.68
2	756.44
1	825.21



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BY: Vice President Lexington, Kentucky

- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 <u>Access Service Request</u> (Continued)
- 3.2.7 Discontinuance of Switched Access FGD

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



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- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.2 Access Service Request (Continued)
- 3.2.7 <u>Discontinuance of Switched Access FGD</u> (Continued)

Example:

Month During Which Service Is Discontinued After Conversion Date	Charge (Per Trunk Discontinued)
1	\$825.21
2	756.44
3	687.68
4	618.91
5	550.14
6	481.37
7	412.61
8	343.84
9	275.07
10	206.30
11	137.54
12	68.77

3.2.8 <u>FGD Maximum Per Trunk Cancellation Charge</u> Cancellation Charge

\$ 348.53

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

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

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



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- BY: Vice President Lexington, Kentucky
- 3. ORDERING CONDITIONS FOR FIA (Continued)
- 3.3 Access Service Requests For Services Provided By More Than One Telephone Company (Continued)
 - (A) (Continued)
 - (1) Single Company Billing

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

- (a) For Switched Access Services the customer will place the ASR with the telephone company in whose territory the following is located:
 - FGA dial tone office
 - FGB the first point of switching

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

(2) Meet Point Billing

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

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



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Lexington, Kentucky

4. SWITCHED ACCESS

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4. <u>SWITCHED ACCESS</u>

4.1 <u>General</u>

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

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

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u>

Switched Access is provided in conjunction with bundled Feature Groups. Feature Group A (FGA) is defined as line side connections to the Telephone Company's network. Feature Group B (FGB), Feature Group C (FGC) and Feature Group D (FGD) are defined as trunk side connections to the Telephone Company's network. The use of a line side or trunk side switched access connection is dependent upon the switched access arrangement ordered by the customer. Feature Groups are arranged for either originating, terminating, or two-way calling, based on the end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Company exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Company exchange service locations. Two-Way calling permits the delivery of calls in both directions, but not simultaneously.

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 Descriptions of Feature Groups

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

(A) <u>Feature Group A</u> (USOC - OHY; OHX)

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

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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (A) <u>Feature Group A</u> (USOC OHY; OHX) (Continued)
 - (3) The customer shall select the first point of switching, within the selected FGA Access Area.
 - (4) FGA is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
 - (5) FGA, when being used in the terminating direction, is arranged with dial tone start dial signaling and dial pulse address signaling. FGA, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (A) <u>Feature Group A</u> (USOC OHY; OHX) (Continued)
 - (5) (Continued)

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (A) <u>Feature Group A</u> (USOC OHY; OHX) (Continued)
 - (6) (Continued)

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

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

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

(7) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (A) <u>Feature Group A</u> (USOC OHY; OHX) (Continued)
 - (8) FGA is provided on a single line basis. FGA may, at the option of the customer, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FGA is provided with these arrangements, the FGA may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All FGA in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.
 - (9) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.
 - (10) FGA is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.
 - (a) Where Telephone Company equipment is available a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (A) <u>Feature Group A</u> (USOC OHY; OHX) (Continued)
 - (10) (Continued)

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

- (11) (Reserved for Future Use)
- (12) When all FGA for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (13) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (B) <u>Feature Group B</u> (USOC OHB)

Feature Group B (FGB), provides trunk-side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for providers of MTS-type or WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service.

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

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



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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (B) <u>Feature Group B</u> (USOC OHB) (Continued)
 - (5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling as set forth in 4.2.5(M) following, any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.
 - (6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGB Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching Bundled (EOSB) rates in 4.5.2(H)(5) and 4.6.3(B) apply to all FGB usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to FGB and FGC at an end office, FGC usage and FGB terminating usage will be subject to premium EOSB rates and FGB originating usage will be subject to nonpremium EOSB rates.



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

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

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



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (B) <u>Feature Group B</u> (USOC OHB) (Continued)
 - (9) (Continued)

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (B) <u>Feature Group B</u> (USOC OHB) (Continued)
 - (11) (Continued)

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

- (12) (Reserved for Future Use)
- (13) When all FGB is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FGB associated with the number dialed has been disconnected.
- (14) FGB is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC)

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

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

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

- (2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.
- (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which FGC is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H) following. For such specification, additional charges on an Individual Case Basis will apply if the trunk group routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the originating of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
 - (5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CDL where the FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office the Access Area is that of that end office only. If the FGC connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.
 - (8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&T's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&T's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (9) FGC may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (10) FGC may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. The end office switches or access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.
 - (11) (Reserved for Future Use)
 - (12) (Reserved for Future Use)
 - (13) FGC is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (13) (Continued)
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGC will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required test. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

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

(14) FGC may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over a second designated trunk group to a second CDL. For existing arrangements only, up to three trunk groups to three CDLs may be provided.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 Descriptions of Feature Groups (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (15) FGC may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 877, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/ motel).
 - (16) (Reserved for Future Use)
 - (17) FGC may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.
 - (18) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as set forth in 4.2.4(C)(15) preceding.
 - (a) <u>Operator Assistance-Coin Control Arrangements for Telephone Company end offices</u> <u>where equipment is available</u> - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC) (Continued)
 - (18) (Continued)
 - (a) (Continued)

FGC is provided in a directly routed arrangement where the Operator Assistance-Coin Control Arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.

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

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

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



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- 3Y: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (C) <u>Feature Group C</u> (USOC OHC)
 - (19) FGC is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD)

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

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

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

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

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



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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office the Access Area is that of that end office only. If the FGD connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single FGD trunk group may be used. Traffic terminating at a non equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.
 - (7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the FGD arrangement provided.
 - (8) The access code for FGD is a uniform access code of the form 10XXX or 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) Arrangement as set forth in 6.5 following to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (8) (Continued)

The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer as set forth in 6.5 and 4.2.5(V). A single access code will be the assigned number of all FGD provided to the customer by the Telephone Company.

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

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



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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (10) FGD may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. The end office switches or access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (13) FGD is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope (C-message and C-notched), noise, and where applicable, signaling and balance testing.
 - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.
 - (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGD will be provided with automatic testing.
 - (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (13) (Continued)
 - (c) (Continued)

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

(d) When FGD or 800/877/888 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.



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

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

(18) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (D) <u>Feature Group D</u> (USOC OHD) (Continued)
 - (19) FGD may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement, as set forth in (15) preceding. The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is not available in conjunction with SS7 Out of Band Signaling.
 - (20) FGD is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type A is provided; c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.
 - (21) FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available, FGD may be provided with Non-Overlap Outpulsing signaling protocol.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (E) <u>SAC Access Service</u>

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

- (1) Service Access Code (SAC) Access Service is provided at Telephone Company appropriately equipped end offices or tandem switches.
- (2) Originating SAC Access Service is a trunk side switched service that is available to the customer via SAC Access Service trunk groups. The appropriate Customer Identification Function, as set forth in 4.2.11, 4.2.12 and 4.2.20 must be ordered in conjunction with each SAC Access Service trunk group. SAC Access Service traffic at the option of the customer can be carried on the same group with non-SAC Access traffic.
- (3) When a 1+NOO-NXX-XXXX call is originated by an End User, the Telephone Company will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (E) <u>SAC Access Service</u> (Continued)
 - (4) The manner in which SAC Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). When SAC Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with FGD except when more than one tandem is employed in the transport of a SAC Access Service call.

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.1 <u>Descriptions of Feature Groups</u> (Continued)
 - (E) <u>SAC Access Service</u> (Continued)
 - (6) 500 SAC Access Service originating from equal access end offices with the 500 Customer Identification Function, described in 4.2.20, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function, described in 4.2.12, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 800/877/888 SAC Access Service originating from equal access end offices with the 800/877/888 Customer Identification Function described in 4.2.11 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices with the 800/877/888 Customer Identification Function described in 4.2.11 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

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

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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.2 (Reserved for Future Use)



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport
 - (A) <u>General</u>
 - (1) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(es) in the Access Area with one exception. Switched Transport associated with FGA 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is comprised of the following rate elements; an Entrance Facility Rate, a Direct-Trunked Transport Rate, a Tandem-Switched Transport Rate and an Interconnection Rate.

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

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



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- 4. SWITCHED ACCESS (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (A) General (Continued)
 - (1) (Continued)

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

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



* Due to constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until the billing system can accommodate this service.

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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (A) <u>General</u> (Continued)
 - (1) (Continued)

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

(2) Switched Transport facilities provide two-way voice frequency transmission paths which permit the transport of calls in the originating direction (from the end office switch to the CDL) and in the terminating direction (from the CDL to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Telephone Company will work cooperatively with the customer in determining (1) service to be routed directly to an end office switch or an access tandem switch, and (2) the directionality of the service.

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u>

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u> (Continued)

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

The following Standard Entrance Facilities are available:

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

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

- (1) <u>Two-Wire Voice Frequency Entrance Facility</u>
 - (a) The Two-Wire Voice Frequency Entrance Facility, except as set forth in (b) following, provides two-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission signals within the frequency bandwidth of approximately 300 to 3000 Hz.
 - (b) The Two-wire interface is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, the two-wire interface



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u> (Continued)
 - (1) <u>Two-Wire Voice Frequency Entrance Facility</u> (Continued)
 - (b) (Continued) is not provided in association with FGB when the first point of switching is an access tandem where two-wire terminations are not provided.
 - (c) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
 - (d) The two-wire interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC and FGD such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with DX supervisory signaling or E&M supervisory signaling as set forth in 4.2.3(G)(1) following.

(2) <u>Four-Wire Voice Frequency Entrance Facility</u>

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



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- 4. SWITCHED ACCESS (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (B) Entrance Facilities (Continued)
 - (2) <u>Four Wire Voice Frequency Entrance Facility</u> (Continued)
 - (b) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
 - (c) The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling may be loop start or ground start signaling. When the interface is associated with FGB, FGC and FGD such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with supervisory signaling as set forth in 4.2.3(G)(1).
 - (3) Group Analog Entrance Facility
 - (a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (B) Entrance Facilities (Continued)
 - (3) <u>Group Analog Entrance Facility</u> (Continued)
 - (a) (Continued)

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

- (b) The interface is provided with individual transmission path SF supervisory signaling.
- (c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers as of April 1, 1994.
- (4) <u>Supergroup Analog Entrance Facility</u>
 - (a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths.

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

- (b) The interface is provided with individual transmission path SF supervisory signaling.
- (c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of the effective date of this tariff page.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u> (Continued)
 - (5) <u>Mastergroup Analog Entrance Facility</u>
 - (a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL subject to the limitations set forth in 3.5 preceding. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths.

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

- (b) The interface is provided with individual transmission path SF supervisory signaling.
- (c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of the effective date of this tariff page.
- (6) <u>DS1 Digital Entrance Facility</u>
 - (a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u> (Continued)
 - (6) <u>DS1 Digital Entrance Facility</u> (Continued)
 - (a) (Continued)

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

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (7) DS1C Digital Entrance Facility
 - (a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 <u>Description of Switched Transport</u> (Continued)
 - (B) <u>Entrance Facilities</u> (Continued)
 - (7) <u>DS1C Digital Entrance Facility</u> (Continued)
 - (a) (Continued)

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

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) The DS1C Digital Entrance Facility is available only to existing customers as of the effective date of this tariff page.
- (8) DS2 Digital Entrance Facility

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (B) Entrance Facilities (Continued)
 - (9) <u>DS3 Digital Entrance Facility</u> (Continued)
 - (a) (Continued)

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

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.
- (10) DS3C Digital Entrance Facility
 - (a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (B) Entrance Facilities (Continued)
 - (10) <u>DS3C Digital Entrance Facility</u> (Continued)
 - (a) (Continued)

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

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.
- (d) The DS3C Digital Entrance Facility is available only to existing customers as of the effective date of this tariff page.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (C) Direct-Trunked Transport

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (D) Tandem-Switched Transport

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

(E) Interconnection Rate

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (F) <u>Multiplexing</u>

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

Listed below are the multiplexing arrangements offered with switched access.

- DS1 to Voice

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

- DS3 to DS1

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (G) Optional Arrangements
 - (1) The Telephone Company will provide Optional Arrangements in association with the Entrance Facilities listed in 4.2.3(B)(1) and (2). The provision of such Optional Arrangements may require placement of Telephone Company equipment on the customer's premises. These Optional Arrangements are nonchargeable.

Supervisory Signaling

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.3 Description of Switched Transport (Continued)
 - (G) Optional Arrangements (Continued)
 - (1) (Continued)

Supervisory Signaling (Continued)

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

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

4.2.4 Description of End Office Services

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.4 Description of End Office Services (Continued)

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

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

End Office Switching provides the following:

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements

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

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

(A) Alternate Traffic Routing

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

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



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

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

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

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



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

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

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

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (B) <u>Automatic Number Identification (ANI) Arrangement</u> (Continued)
 - (b) InterLATA Area restricted line requires special screening or handling by the customer.

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

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

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

- (1) Screening of terminating calls for completion to only 411, 611, 911, 555-1212 all valid NXXs associated with the end offices within the LATA, i.e., the call cannot be further switched or routed out of the LATA.
- (2) Screening of terminating calls within the FGA Access Area for completion to only 411, 611, 911, 800, 877, 888, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided.

All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided where available. Arrangement 2 is provided in all Telephone Company electronic end offices and, where



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (D) InterLATA Call Denial on Line or Hunt Group

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

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



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- 4.2 Description of Switched Access (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (D) InterLATA Call Denial on Line or Hunt Group (Continued)

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

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

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

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

This arrangement is provided in Telephone Company end offices, where available. It is available with FGA at rates and charges as set forth in Section 4.5.2(A)(3)(j). Blocking of the 800/877/888 Service Access Code may not be available in all end offices where this arrangement is otherwise available.



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- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (F) Dual Tone Multifrequency Address Signaling

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

(G) Hunt Group Arrangement

The Hunt Group Arrangement is available with FGA as a nonchargeable option.

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



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- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (H) <u>Customer Specification of Switched Access Directionality</u>

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

(I) International Direct Distance Dialing Arrangement

This option allows for FGD end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to route originating international calls to a customer other than the one designated by the end user either through presubscription of 101XXXX dialing. This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing.

(J) Nonhunting Number for Use with Hunt Group Arrangement

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)

(K) <u>Nonhunting Number for Use with Uniform Call Distribution Arrangement</u>

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

(L) Operator Assistance Full Feature Arrangement

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the customer's operator. It is available with FGD. Rates and charges will be developed on an Individual Case Basis. This option is not available in conjunction with SS7 Out of Band Signaling.

(M) Rotary Dial Station Signaling

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

(N) Service Class Routing

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (O) <u>Service Code Denial on Line or Hunt Group</u>

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

(P) <u>Trunk Access Limitation</u>

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

(Q) Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for FGA and terminating use for Special Access Lines.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (R) Up to 7 Digit Outpulsing of Access Digits to the Customer

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

(S) Band Advance Arrangement

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

(T) FGD Switched Access with 950-XXXX Access

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (T) <u>FGD Switched Access with 950-XXXX Access</u> (Continued)

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (U) Operator Assistance for SAC Access Service

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

(V) <u>Switching Interface</u>

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

(W) (Reserved for Future Use)

(X) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (Y) <u>Switched Data Service</u>
 - (1) <u>Switched 56</u>

This option provides for a connection capable of up to 56 Kbps digital transmission between the customer's CDL and a suitably equipped end office. Switched Data service lines connected at those suitably equipped end offices will be accessed on a switched basis for digital transmission up to 56 Kbps.

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

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

(2) <u>Switched 64</u>

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

Switched 64 requires all digital facilities including the use of a DS1 digital interface as described in Section 4.2.3(B)(6) and is available only with FGD from end offices capable of providing SS7 signaling, Bipolar with Eight Zero Substitution (B8ZS) line code format and Integrated Services Digital Network (ISDN) or other Switched Data based services.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (Y) <u>Switched Data Service</u> (Continued)
 - (2) <u>Switched 64</u> (Continued)

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

A separate FGD trunk group must be established for the provision of Switched 64 service. Switched data and non-switched data traffic may not be combined on the same trunk group.

(Z) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (A)(A) Signaling System 7 (SS7) Out of Band Signaling

This option is provided in conjunction with Common Channel Signaling System 7 (CCS7) Access Service. CCS7 Access Service is provided pursuant to the rates, terms and conditions set forth in GTOC Tariff FCC No. 1 and is only available with Switched Access FGD service, 500 SAC Access, 800/877/888 SAC Access and 900 SAC Access Services. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD Switched Access, 500 SAC Access, 800/877/888 SAC Access and 900 SAC Access Cut of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DSC Digital, and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Telephone Company end office or access tandem switches.

(A)(B) Calling Party Number (CPN) Parameter

The CPN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user. The technical specifications for CPN are described in Bellcore Technical Reference Publication TR-TSV-000905.



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- ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (A)(C) <u>Carrier Selection Parameter (CSP)</u>

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

(A)(D) Charge Number (CN) Parameter

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.5 End Office Services Optional Arrangements (Continued)
 - (A)(E) <u>Carrier Identification Parameter (CIP)</u>

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in 4.6.6. Application of the charges is in 4.5.2(K).

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS (Continued)</u>
- 4.2 Description of Switched Access (Continued)
- 4.2.6 <u>Call Restriction and Code Screening Reports</u>

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.7 Installation and Acceptance Testing of Switched Access (Continued)
 - (B) (Continued)

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

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

4.2.8 Provision of Design Layout Report

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

4.2.9 <u>Network Management</u>

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 Description of Switched Access (Continued)
- 4.2.9 Network Management (Continued)

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

- 4.2.10 (Reserved for Future Use)
- 4.2.11 <u>800/877/888 Customer Identification Function</u>

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

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

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

4.2.13 Design and Routing of Switched Access

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

4.2.14 Provision of Switched Access Performance Data

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.15 <u>Transmission Performance</u>

Each Switched Access transmission path is provided with a standard transmission performance. The standard for a particular path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. In addition, Data Transmission Parameters may be ordered by the customer. The transmission performance parameters are set forth in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

4.2.16 Design Blocking Probability

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

- (A) For FGA no design blocking criteria apply.
- (B) For FGB, FGC and SAC Access Service, the design blocking objective will be one percent (.01) between the CDL and the first point of switching. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For FGD the design blocking objective will be one percent (.01) between the CDL and the end office switch. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.16 Design Blocking Probability (Continued)
 - (D) When FGB, FGC, FGD or SAC Access Service is ordered in trunks, the Telephone Company cannot guarantee these design blocking probabilities. The Telephone Company will perform routine measurement functions, except on FGA, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (BHMC or quantities of trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the design blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.
 - (1) For FGB and FGC transmission paths carrying traffic between a CDL and the first point of switching, or FGD transmission paths, carrying traffic direct between a CDL and an end office, the measured blocking thresholds are as follows:

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.16 Design Blocking Probability (Continued)
 - (D) (Continued)
 - (2) For FGD transmission paths carrying traffic between a CDL and an end office via an access tandem, the measured blocking thresholds are as follows:

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.17 Special Facilities Routing

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

- 4.2.18 Information Surcharge
 - (A) The Information Surcharge applies to each Switched Access minute of use (measured or assumed) and shall be assessed upon all customers that use local switching facilities for the provisions of intrastate telecommunications.
 - (B) The Information Surcharge is to recover the costs of the functions associated with the printing of the directory white pages. The surcharge is assessed to a customer based on the total number of access minutes at the rates set forth in 4.6.4 following. Application of the premium and nonpremium Information Surcharge is set forth in 4.5.2(H)(1) following.

4.2.19 <u>800/877/888 Data Base Query Service</u>

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.2 <u>Description of Switched Access</u> (Continued)
- 4.2.19 <u>800/877/888 Data Base Query Service</u> (Continued)

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

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

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

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

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

4.2.20 <u>500 Customer Identification Function</u>

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 <u>Obligations of the Customer</u>
- 4.3.1 On and Off-Hook Supervision

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

4.3.2 ASR Requirements

The customer shall order all Switched Access as set forth in Section 3 preceding, and 4.3.2 and 4.3.3 following.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 Obligations of the Customer (Continued)
- 4.3.2 <u>ASR Requirements</u> (Continued)

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

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

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



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 Obligations of the Customer (Continued)
- 4.3.2 ASR Requirements (Continued)

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

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

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



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 Obligations of the Customer (Continued)
- 4.3.3 Jurisdictional Determination

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

- (A) When the Telephone Company has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic, the Telephone Company will determine the jurisdiction of Switched Access traffic. In those instances where the Telephone Company cannot determine the jurisdiction, the customer will be required to provide this information as described below.
- (B) To determine the jurisdiction of FGA and FGB Switched Access traffic and that traffic placed on a 1+ basis in conjunction with FGA, the following criteria will apply:
 - (1) Traffic that enters a customer's network at a point within the same state as that in which the station designated by dialing is situated will be considered as intrastate.
 - (2) Traffic that enters a customer's network at a point in a state other than that in which the station designated by dialing is situated will be considered interstate.



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Effective: September 4, 2009

ISSUED: August 20, 2009 BY: Vice President Lexington, Kentucky

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 <u>Obligations of the Customer</u> (Continued)
- 4.3.3 <u>Jurisdictional Determination</u> (Continued)
 - (D) When a customer submits an order for Switched Access services the customer must state the Percentage of Interstate Usage (PIU) on a statewide, LATA, billing account number (BAN) or end office level as follows:
 - (1) For FGA, FGB, FGC, FGD, 500, 800, 877, 888 and 900 End Office services, the PIU will be applied to the appropriate Carrier Common Line, End Office Switching, Information Surcharge, Interconnection Charge, and, if applicable, Tandem Switched Transport and Tandem Switching minutes of use.
 - (2) A PIU shall be provided for each Entrance Facility and a separate PIU shall be provided for each Direct-Trunked Transport facility reflecting the originating and terminating traffic of all Switched Access services that use such facilities. A consolidated PIU for all Entrance Facility and Direct-Trunked Transport elements may be provided at the option of the customer if such PIU is representative of the actual interstate use of the service.
 - (3) In addition, for FGC terminating traffic, the customer must submit a Percent Direct Routed (PDR) factor. If a PDR is not provided, the Telephone Company will assume a PDR factor of zero percent. This provision will expire at the end of June 30, 1994 unless otherwise extended, revised or cancelled.
 - (E) If the customer provides jurisdictional information, the following requirements apply:
 - (1) The customer will provide quarterly reports indicating the percent of total Telephone Company provided Switched Access usage that is interstate, intrastate interLATA and intrastate intraLATA. The reports may aggregate usage at a statewide, LATA, BAN (Billing Account Number) or end office level.
 - (2) The reports will be based on a calendar year and will be due within fifteen days after the end of the quarter beginning with the completion of the first full quarter of service.
- (M)
- (3) The customer will maintain records of call details from which the jurisdictional determination is made. For verification purposes the Telephone Company may request that these records be made available for inspection and audit on not more than an annual basis. Such audit may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone is willing to pay the expense.

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



(M) Information found on this page previously found on Page 89.

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(N)

Effective: September 4, 2009

ISSUED: August 20, 2009 BY: Vice President Lexington, Kentucky

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 <u>Obligations of the Customer</u> (Continued)
- 4.3.3 <u>Jurisdictional Determination</u> (Continued)
 - (E) (Continued)

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

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

- (F) The PIUs described above are applied to associated usage rated elements and services, e.g., Information Surcharge, Local Switching, Tandem Switched Transport, Tandem Switching and Transport Interconnection charges. The PIUs are also used to develop the carrier charges. Separate PIUs are required for flat rated Entrance Facilities, Direct Trunked Transport and Mulitplexers.
 - (1) There may be some portion of terminating minutes where it is not possible to know and therefore to send, the needed originating number information. A "floor" of 7.00 percent (%) will be set for terminating minutes lacking originating numbers for all switched access customers.
 - (a) When the percentage of terminating traffic without sufficient call detail to determine jurisdiction does not exceed the sum of the floor plus a 2.00 percent (%) grace threshold or 9.00 percent (%), the Telephone Company will apply the PIU factor, either provided by the customer or as set forth above.
 - (b) When the percentage is greater than 9.00 percent (%), the Telephone Company will assess rates from this tariff on all minutes exceeding the floor. For example, if 30 percent (%) of a customer's terminating minutes sent to the Telephone Company do not contain sufficient originating information to allow the Telephone Company to determine the originating location, then the Telephone Company would apply the provisions of this tariff to those minutes exceeding the floor, or 23 percent (%) in this example.

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



(N)

Information previously found on this page now found on Page 88.

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ISSUED: December 23, 2011 BY: Vice President Effective: January 7, 2012

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 <u>Obligations of the Customer</u> (Continued)
- 4.3.4 Identification and Rating of VoIP-PSTN Traffic
 - (A) Scope
 - (1) VoIP-PSTN traffic is defined as traffic exchanged over the public switched telephone network ("PSTN") facilities that originates and/or terminates in Internet protocol ("IP") format. This section governs the identification of toll VoIP-PSTN ("toll VoIP") traffic that in the absence of an interconnection agreement will be subject to interstate switched access rates in accordance with the Federal Communications Commission Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (Nov. 18, 2011) ("FCC Order") as it may hereinafter be amended or clarified. Specifically, this section establishes the method of distinguishing toll VoIP traffic from the customer's total intrastate access traffic, so that toll VoIP traffic will be billed in accordance with the FCC Order.
 - (2) This section will be applied to the billing of switched access charges to a customer that is a local exchange carrier only to the extent that the customer has also implemented billing of interstate access charges for VoIP-PSTN Traffic in accordance with the FCC Order.
 - (B) Rating of toll VoIP-PSTN traffic

The Telephone Company will bill toll VoIP-PSTN traffic which it identifies in accordance with this tariff section at rates equal to the Telephone Company's applicable tariffed interstate switched access rates.

(C) Calculation and Application of Percent-VoIP-Usage Factor

The Telephone Company will determine the number of toll VoIP traffic minutes of use ("MOU") to which it will apply its interstate rates under subsection (B), above, by applying an originating Percent VoIP Usage ("OPVU") factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer and by applying a terminating PVU ("TPVU") factor to the total intrastate access MOU terminated by a customer to the Telephone Company's end user. The OPVU and TPVU will be derived and applied as follows:

- (1) The customer will calculate and furnish to the Telephone Company an OPVU factor, along with supporting documentation, representing the whole number percentage of the customer's total originating intrastate access MOU that the customer receives from the KENTOLCOMPANY in the State that is originated by the Telephone Company in IP formaBLIC SERVICE COMMISSION
- (2) The customer will calculate and furnish to the Telephone Comparty CuTPVED Pactor Biology with supporting documentation, representing the whole number percentages of the Telephone Company in the State that is sent to the Telephone Company and originated in I

1/7/2012 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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ISSUED: December 23, 2011

BY: Vice President

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.3 <u>Obligations of the Customer</u> (Continued)
- 4.3.4 Identification and Rating of VoIP-PSTN Traffic (Continued)
 - (C) Calculation and Application of Percent-VoIP-Usage Factor (Continued)
 - (3) The OPVU, TPVU and supporting documentation shall be based on information that is verifiable by the Telephone Company including but not limited to the number of the customer's retail VoIP subscriptions in the state (*e.g.*, as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information. The customer shall not modify its reported PIU factor to account for VoIP-PSTN traffic.
 - (4) After the Telephone Company verifies the OPVU and TPVU provided by the customer the Telephone Company will apply the OPVU and TPVU factors to the associated intrastate access MOU as indicated in Sections (D) and/or (E) below.

In the event that the Telephone Company can not verify the customer's OPVU and/or TPVU, the Telephone Company will request additional information to support the OPVU and/or TPVU, during this time no changes will be made to the existing OPVU and /or TPVU. The customer shall supply the requested additional information within 15 days of the Telephone Company's request or no changes will be made to the existing OPVU and/or TPVU. If after review of the additional information, the customer and Telephone Company establish a revised and mutually agreed upon OPVU and/or TPVU factor, the Telephone Company will begin using the new factor with the next bill period.

If the dispute is unresolved the customer may request that verification audits be conducted by an independent auditor, at customer's sole expense. During the audit, the most recent undisputed OPVU and/or TPVU factor will be used by the Telephone Company.

- (5) In the absence of an interconnection agreement, at no time will the Telephone Company allow an OPVU or TPVU factor greater than the applicable State percentage as identified in Paragraph 963 of the FCC Order.
- (D) Initial OPVU and TPVU Factor

In calculating the initial OPVU and TPVU factor(s), the Telephone Company will take the factor(s) provided by the customer into account retroactively to January 1, 2012, *provided that* the customer provides the factor(s) and supporting documentation, as specified in subsection (C) above to the Telephone Company no later than 15 days after the effective date of this tariff. If the customer does not furnish the Telephone Company with an OPVU and/or TPVU factor pursuant to the preceding subsection (C), the initial factor will be zero.

(E) OPVU and TPVU Factor Updates

The customer may update the OPVU and/or TPVU factor(s) semi-annual subsection (C), above. If the customer chooses to submit such updates Company, no later than 15 days after the first day of January and/or Jub and/or TPVU factor and supporting documentation based on data for the day of December and/or June, respectively. Once verified by the Teleph and/or TPVU factor will apply prospectively and serve as the basis for biverified factor.

nit su	KENTUCKY PUBLIC SERVICE COMMISSION emi-annually using the method set for it, in h updates, it shall forward, public called buddets, it shall forward, public called product the of second		
ed on ied by	and/or July of Each year, a revised OPVU data for the prior three months, ending the last the Telephone DPVU pasis for billing Country Automatics		
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Effective: August 1, 2006

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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.4 Payment Arrangements and Credit Allowances
- 4.4.1 (Reserved for Future Use)
- 4.4.2 <u>Cancellation of Applications</u>

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

- 4.4.3 <u>Credit Allowances</u>
 - (A) Allowances for interruptions are as set forth in 2.4.4 preceding.
 - (B) Usage Sensitive Service credit will be included in the FGA monthly bills rendered to customers to reflect usage charges collected from their end users for intrastate calls. The amount of credit per minute is set forth in 4.6.5 following. The credit applies to the End Office Switching rate element for originating calls. When the customer is provided originating only FGA service the credit will apply to either the actual access minutes measured or the assumed minutes as set forth in 4.5.2(I)(3) following.

No credit will apply for terminating only FGA.

(C Reserved for Future Use)



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations
- 4.5.1 Rate Elements

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

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

FGB, FGC, FGD and SAC Access Service are also subject to the Network Blocking charge per call as set forth in 4.5.2(C).

4.5.2 Rate Regulations

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

(A) <u>Types of Rates and Charges</u>

There are three types of rates and charges. These are usage sensitive service rates, flat rates, and nonrecurring charges. The rates and charges are described as follows:

(1) Usage Rated

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

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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (2) Flat Rated

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

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

The Entrance Facility is flat-rated and is not nondistance-sensitive.

Multiplexing is a flat-rated element.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u>

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

(a) <u>Service Installation Charges</u>

The Service Installation Charge applies to customer requests for installation of Switched Access Entrance Facilities from the CDL to the serving wire center. This charge applies on a per Entrance Facility basis and is dependent upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3).

(b) Installation of Voiceband Entrance Facilities

The Service Installation Charge associated with the installation of Voiceband Entrance Facilities is specified in 4.6.2(H).

(c) Installation of Multiplexing Arrangements

A Nonrecurring Charge applies for the installation of multiplexing arrangements available with Switched Access Service. This charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed. (DS1 to Voice or DS3 to DS1). This charge also applies whether the multiplexing arrangement is installed coincident with the initial installation or at anytime subsequent to the installation of service.

(d) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. SWITCHED ACCESS (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (e) Installation of DS1 and DS3 Entrance Facilities
 - (1) <u>DS1 Standard Arrangements</u> For DS1 Entrance Facilities, a separate nonrecurring charge applies for the first DS1 Entrance Facility ordered and each additional DS1 Entrance Facility between the same CDL and serving wire center. The "First System" charge is assessed per entrance facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.
 - (2) (Reserved for Future Use)
 - (3) For DS3 Entrance Facilities, the charge for the installation will apply at the rates set forth in 4.6.2(J). These charges will apply for each DS3 Entrance Facility ordered on a month-to-month basis.
 - (f) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (g) <u>Switched Access Ordering Charge</u>

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

Switched Access Ordering Charge will apply for a change in FGD switched access and 800/877/888 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified above.

Switched Access Ordering Charge will not apply if Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD. The Switched Access Ordering Charge will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (g) Switched Access Ordering Charge (Continued)

Switched Access Ordering Charge applies to customer request to change an end user WATS Access line (i.e., OutWATS) to a different band. This charge does not apply to 800/877/888 (InWATS) service.

The Switched Access Ordering Charge also applies to requests to activate additional trunks or to increase BHMC on existing Switched Transport Facilities and, changes in the type of Feature Group or Direct-Trunked Transport, for any modifications or changes to existing services that are not considered an administrative change as described in 4.5.2(A)(3)(h). This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA hunt groups.
- A move to a new point of termination within the same CDL.
- Changes of a telephone number for FGA or Special Access Lines used with a Switching Interface.
- The activation or deactivation of 500 or 900 SAC NXX codes on a per tandem level or end office basis.

The unblocking or blocking of 0+900 dialing capability on a per tandem level or end office basis.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (g) <u>Switched Access Ordering Charge</u> (Continued)
 - The addition of Operator Services to an existing service.

The Switched Access Ordering Charge will not apply to requests where the customer has existing FGB and/or FGD at a Telephone Company access tandem and the customer wants to add FGB and/or FGD to a subtending end office which is converting to equal access, and the request does not involve physical changes, additions or deletions to the existing facilities.

(h) <u>Service Rearrangements</u>

Service rearrangements are changes to existing (installed) services which may be administrative only in nature or involve an actual physical change in service.

Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation Charge shall apply to the new Entrance Facility installation.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as in 4.5.2(A)(3)(n).



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (h) <u>Service Rearrangements</u> (Continued)

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

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

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Switched Access service.
- Change of customer or customer's end user premise address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change in customer circuit identification,



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (h) <u>Service Rearrangements</u> (Continued)
 - Change of billing account number,
 - Change of customer testline number,
 - Change of customer or customer's end user contact name or telephone number, and
 - Change of agency authorization.
 - (i) <u>Design Change Charge</u> (USOC H28)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Entrance Facilities as described in 4.2.3 (B). Design changes do not include a change of Switched Access Entrance Facilities or facility type, IC CDL, end user premises, end office switch, or Feature Group type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (i) <u>Design Change Charge</u> (Continued)

The Design Change Charge for Switched Access Service as set forth in Section 4.6.1(B) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation or Ordering charges associated with the change requested.

If a change of service date is required, the Service Date Change Charge as set forth in 3.2.2(A) will also apply.

(j) Installation Charge for FGA Optional Call Blocking Arrangements (USOC - CAH)

This charge applies per FGA line equipped with either of the optional call blocking arrangements set forth in Section 4.2.5(D) and (E); InterLATA Call Denial on Line or Hunt Group or Call Denial on Line or Hunt Group outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (k) (Reserved for Future Use)
 - (I) (Reserved for Future Use)

(m) Change of Switched Access Type

Changes from one type of Switched Access to another will be treated as a discontinuance of one type of FIA and start of another. The Switched Access Installation and Ordering Charges will apply, with the following exception:

- (1) When a customer upgrades a FGA, FGB, or FGC to a FGD at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply.
- (2) (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (m) Change of Switched Access Type (Continued)
 - (3) (Reserved for Future Use)
 - (4) Where a customer has Feature Group B (FGB) and Feature Group D (FGD) at a Telephone Company access tandem, the following application of charges will apply for end office conversions:
 - a) Where FGB service exists at an end office the customer may retain the FGB service or upgrade the FGB service to FGD service in conjunction with equal access conversion. When the customer requests no physical changes or trunking additions/deletions to the existing facilities, the ordering charge will not apply to retain the existing service or upgrade.
 - b) Where FGB and/or FGD service exists at a Telephone Company access tandem but does not exist at an end office and the customer now wants to add FGB and/or FGD to the end office, the ordering charge will not apply to add the service when the customer requests no physical changes, additions, or deletions to the customer's existing facilities.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (m) Change of Switched Access Type (Continued)
 - (4) (Continued)
 - c) Where FGB and/or FGD service exists at a Telephone Company access tandem and FGB also exists at the end office and the customer wants to retain the FGB service but add FGD service with equal access conversion, the ordering charge will not apply to add the FGD service when the customer requests no physical changes, additions, or deletions to the customer's existing facilities.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (A) <u>Types of Rates and Charges</u> (Continued)
 - (3) <u>Nonrecurring Charges</u> (Continued)
 - (n) <u>Moves</u>

A move involves a change in the physical location of the point of termination of Switched Access. A move normally involves an interruption of Switched Access for the period required to complete the move. The charge for the move depends on whether the move is within the same CDL or to a different CDL.

(1) <u>Same CDL</u>

When the move is to a new point within the same CDL (same address and/or same building), the Switched Access Ordering Charge in 4.6.1(B) will apply. There will be no change in the minimum period requirements.

(2) <u>A Different CDL</u>

When the move is to a different CDL it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering charges, as specified in 4.6.1(B) will apply to the Switched Access, installed at the CDL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Switched Access.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (B) <u>800/877/888 Data Base Query Service</u>

Query usage charges for 800/877/888 Data Base Query Service shown in 4.6.3(A) apply as follows:

- (1) A Basic 800/877/888 Data Base Query charge will apply for each basic 800/877/888 call query received at the Telephone Company's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.
- (2) A Premium 800/877/888 Data Base Query charge will apply for each premium 800/877/888 call query received at the Telephone Company's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (C) Network Blocking Charge for Tandem Switched FGB, FGC, FGD and SAC Access Service

The customer will be notified by the Telephone Company to increase its BHMC capacity when excessive trunk group blocking occurs on groups carrying FGB, FGC, FGD or SAC Access Service traffic and the measured Access Minutes for the Daily Busiest Hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on Daily Busiest Hour measurements for four contiguous weeks using the five highest traffic days of the week, excluding national holidays. The Telephone Company will not bill the customer a Network Blocking Charge if additional capacity is available and the ASR for additional capacity is received by the Telephone Company within 15 days of the notification. The Telephone Company will bill the customer a Network Blocking Charge if additional capacity is unavailable for the period beginning 15 days after the notification date until the inservice date for additional capacity, at the rate set forth in 4.6.1(D), for each overflow in excess of the blocking threshold when (1) the Daily Busiest Hour average blocking for the four contiguous weeks exceeds the threshold level and (2) the average originating or two-way usage measured for these same hours exceeds the Switched Access capacity purchased.

Blocking Thresholds

Trunks in Service	<u>1%</u>	<u>1/2%</u>
1-2	.070	.045
3-4	.050	.035
_ 5-6	.040	.025
7 or more	.030	.020



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 Rate Regulations (Continued)
 - (C) <u>Network Blocking Charge for Tandem Switched FGB, FGC, FGD and SAC Access Service</u> (Continued)

The one percent blocking threshold is for FGB, FGC and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD transmission paths carrying traffic direct between a CDL and an end office. The one-half percent blocking threshold is for FGD transmission paths carrying traffic between a CDL and an end office via an access tandem.

(D) Determination of Intrastate Charges for Mixed Interstate and Intrastate Switched Access

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes as set forth in 4.3.2 and 4.3.3 preceding. The portion of a Switched Access Service to be charged as intrastate is determined in the following manner.

For usage rated elements, multiply the percent intrastate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

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

(E) Local Dial-It Services

Customers will be billed charges for terminating Switched Access calls to certain community information services, for which rates are applicable under the Telephone Company General and/or Local Tariffs (e.g., 976 Dial-It Network Services).

(F) Local Directory Assistance

Terminating Switched Access calls dialed to local directory assistance (411 and 555-1212 numbers) will be rated under the applicable rates for the Switched Access as set forth in 4.6 following. In addition, the charge per call to Directory Assistance as set forth in the Telephone Company General and/or Local Tariffs may also apply.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (G) (Reserved for Future Use)
 - (H) Description and Application of Rates
 - (1) Determination of Premium Rates and Nonpremium Rates

The Interconnection Charge, End Office Switching and the Information Surcharge rates are applied either as premium rates or nonpremium rates at the rates set forth in 4.6.

The specific application of premium and nonpremium rates for a specific customer is dependent upon the Feature Group, and the availability of equal access capabilities in the end office or the WATS Serving Office to which the service is provided. The Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport and Multiplexing rate elements are not subject to premium and nonpremium rating.

Premium rates apply to all FGC and FGD access minutes, to all FGA, FGB and SAC Access Service access minutes that originate from or terminate at end offices or WATS Serving Offices equipped with equal access (i.e., FGD) capabilities; and to all FGB access minutes that terminate at end offices not equipped with equal access, when the service is provided to customers who furnish MTS and WATS.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (1) <u>Determination of Premium Rates and Nonpremium Rates</u> (Continued)

Nonpremium rates (i.e., discounted access minute rates) apply to all FGA, FGB and SAC Access Service access minutes (measured or assumed) that originate from or terminate at end offices or WATS Serving Office which are not equipped with equal access capabilities, except for FGB terminating access minutes generated by providers of MTS and WATS.

When an Access Area has a mixture of equal access and nonequal access end offices and end office specific usage measurement is not available, the provisions as set forth in 4.5.2(H) (6) will be used to determine the application of premium rates or nonpremium rates.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u>

Beginning April 1, 1994, the Telephone Company will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Telephone Company access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at a Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits.

Switched Transport is determined as follows:

(a) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

Where Tandem-Switched Transport is ordered between a serving wire center and end offices subtending an access tandem, mileage will be measured from the serving wire center that normally serves the CDL to the end office or WSO (for WATS and WATS-type).

Where Direct-Trunked Transport is ordered between a serving wire center and an access tandem, and Tandem-Switched Transport is ordered to subtending end offices, mileage will be measured from the access tandem to the end office or WSO (for WATS and WATS-type).*



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Due to billing constraints, the ordering of Tandem-Switched Transport in conjunction with Direct-Trunked Transport is prohibited until the billing system can accommodate this service.

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- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u>
 - (a) (Continued)

For either of the above Tandem-Switched Transport configurations, when the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

Where Tandem-Switched Transport - Facility is provided by more than one telephone company, the mileage for each will be determined as in 2.7.

The Tandem-Switched Transport - Facility rate will not apply if the CDL serving wire center and the end office are co-located (where V/H - V/H = 0).

(b) The Tandem-Switched Transport - Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group types. When both terminations are provided by the Telephone Company, the Tandem-Switched Transport – Termination rate applies twice, including those situations when the terminations are co-located.



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- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u> (Continued)
 - (b) (Continued)

When both terminations are provided by the Telephone Company and traffic originates from or terminates to a remote office, the Tandem-Switched Transport - Termination rate applies four times (i.e., for each termination from the serving wire center to the host and for each termination from the host to the remote office).



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u> (Continued)
 - (b) (Continued)

Where the Tandem-Switched Transport - Facility is provided by more than one telephone company, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Telephone Company end of the Switched Transport as in 2.7. The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Tandem-Switched Transport - Facility.

- (c) For FGA, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched Transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA traffic that originates and/or terminates within the FGA Access Area. For FGA traffic that terminates beyond the FGA Access Area, Switched Transport rates apply as described in 4.5.2(H) (3).
- (d) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u> (Continued)
 - (d) (Continued)

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATS-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem-Switched Transport-Termination charge is applicable for each termination between the host and remote office. The Tandem-Switched Transport between the end office that serves as the host to the remote office.

When Telephone Company Hubs are involved, mileage is computed and rates applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u> (Continued)
 - (d) (Continued)

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

(e) The Entrance Facility rate is flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL. This charge will apply even if the CDL and the serving wire center are co-located in a Telephone Company building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) <u>Switched Transport</u> (Continued)
 - (f) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA.
 - (g) The Interconnection rate is usage-sensitive and is applied per access minute to all feature groups that utilize the Telephone Company's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.
 - (h) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customer on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate routed traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.



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- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (2) Switched Transport (Continued)
 - (h) (Continued)

When Feature Group B or D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Telephone Company may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone, is willing to pay the expense.



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- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (3) Extended FGA Terminating Traffic
 - (a) For calls established on a 1+ basis or expanded seven digit measured calling basis, outside the specific FGA Access Area, however inside the LATA, in conjunction with terminating FGA traffic to an end office equipped with Equal Access capabilities, the following rates apply:
 - for each access minute, the premium rates per access minute for End Office Switching, in 4.6.3, the Information Surcharge in 4.6.4, and the Interconnection Charge in 4.6.2.
 - for each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile in 4.6.2 and the Tandem-Switched Transport Termination in 4.6.2.

When the serving wire center of the CDL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CDL to the end office.

When the serving wire center of the CDL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CDL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office.

The Tandem Switching rate is not applicable for Extended FGA terminating traffic.

(b) For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA Access Area, however inside the LATA, in conjunction with terminating FGA traffic to an end office not equipped with Equal Access capabilities, the following rates apply:



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 - (H) <u>Description and Application of Rates</u> (Continued)
 - (3) <u>Extended FGA Terminating Traffic</u> (Continued)
 - (b) (Continued)
 - for each access minute, the nonpremium rates per access minute for End Office Switching, as set forth in 4.6.3, the Information Surcharge in 4.6.4, the Interconnection Charge in 4.6.2.
 - for each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile in 4.6.2 and the Tandem-Switched Transport - Termination in 4.6.2.

When the serving wire center of the CDL is the dial tone office, the premium Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CDL to the end office.

When the serving wire center of the CDL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CDL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office.

The Tandem Switching rate is not applicable for Extended FGA terminating traffic.



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- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (3) <u>Extended FGA Terminating Traffic</u> (Continued)
 - (c) When FGA terminating traffic is extended outside the LATA, as set forth in 4.2.4(B) (6) Switched Access rate elements, as set forth in 4.6.3 and 4.6.4 following, will be billed to the FGA customer for the terminating interLATA access function provided via the FGA connection, and Switched Access rate elements, as set forth in 4.6.2(A) and (B), 4.6.3 and 4.6.4 following, will be billed to the IC providing the interLATA service to the FGA customer for the originating interLATA access function.
 - (4) Equal Access Notification

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

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge or retaining the existing services (with the exception of FGC). Premium rates will apply to the total Access Minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.



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- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (5) End Office Switching

End Office Switching is available on a bundled or unbundled basis. End Office Switching -Bundled (EOSB) rates apply to Switched Access services provided as Feature Groups.

When equal access becomes available, premium rates for end office switching 1 (EOS1) and end office switching 2 (EOS2) will apply as follows:

- (a) FGA customers will pay the EOS1 rate for all FGA access minutes originating from or terminating at that end office except as in (f).
- (b) FGB customers with no FGD service provided at the same end office will pay the EOS1 rate for all FGB access minutes originating from or terminating at that end office except as in (f).
- (c) FGB customers with FGD service provided at the same end office will pay the EOS1 rate for FGB access minutes originating from that end office and the EOS2 rate for FGB access minutes terminating at that end office.
- (d) FGD customers will pay the EOS2 rate for all FGD access minutes originating from or terminating at that end office.



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- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (5) End Office Switching (Continued)
 - (e) SAC Access Service customers will pay the EOS2 rate for all SAC Access minutes originating from that end office.
 - (f) When FGA or FGB is used for terminating WATS or WATS-type services, the customer will pay the EOS2 rate for all terminating access minutes.
 - (6) <u>Transitional Billing Arrangements</u>

Transitional billing arrangements apply when FGA and FGB Switched Access Service is provided to a first point of switching (i.e., dial tone office for FGA and an access tandem for FGB) which has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted. Transitional billing will occur in the following manner:

(a) Premium and nonpremium rates for switched access service (including the Carrier Common Line Charge) will apply as discussed in 4.5.2(H)(1), with an exception as in (b)(ii).



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Effective: August 1, 2006

ISSUED: July 17, 2006

- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (6) <u>Transitional Billing Arrangements</u> (Continued)
 - (b) The number of access minutes to be rated as premium or nonpremium access minutes is determined as follows:
 - (i) Where measurement capability exists, and end office specific usage data is available, premium rates will apply to all access minutes originating from or terminating at equal access end offices.
 - (ii) Where measurement capability does not exist and/or end office specific usage data is not available, originating and/or terminating usage will be apportioned between premium and nonpremium as follows. The usage to be apportioned will be the recorded usage or the assumed usage as set forth in 4.5.2(I)(3) following. Such apportionment will be based on a ratio of the number of subscriber lines in the Access Area of the end office containing the customer's first point of switching to the total number of subscriber lines in that Access Area. The ratio thus developed is applied to the total measured or assumed originating FGA usage, terminating FGA usage, originating FGB usage or terminating FGB usage, as applicable, to apportion usage among all end offices in the Access Area in order to determine the apportioned usage that is to be billed as premium or nonpremium.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (6) <u>Transitional Billing Arrangements</u> (Continued)
 - (ii) (Continued)

The ratios used to apportion FGA and FGB minutes will be updated on a quarterly basis dependent upon the availability of line data from other telephone companies. The ratios to be used for the succeeding quarter will be provided to the customer with the last bill rendered in the quarter or mailed separately within five working days after the first day of the new quarter (i.e., January, April, July and October). For purposes of administering this provision: (1) subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the Telephone Company under its General and/or Local Tariff and (2) the Access Area is defined as the local calling area of the end office switch from which the FGA is provided for originating and terminating FGB.

(iii) Where FGD Switched Access Service is subscribed to by a customer in an end office(s) where FGA and FGB access minutes have been allocated in accordance with (ii) preceding, such access minutes will be adjusted in the following manner.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (6) <u>Transitional Billing Arrangements</u> (Continued)
 - (iii) (Continued)
 - For each FGD access minute originating from or terminating at that end office, the originating or terminating FGA and FGB premium access minutes allocated, as set forth in (ii) preceding, will be reduced to nonpremium on a one for one basis, but in no event shall the reduction exceed the total number of FGA and FGB access minutes originating from or terminating at that end office.
 - When FGA and FGB originating or terminating minutes are greater than the FGD originating or terminating minutes, the difference (the greater amount) is identified as premium FGA and FGB minutes in the equal access end office, the residual amount (i.e., the remaining minutes) in that end office is considered as nonpremium usage and billed at nonpremium rates.
 - FGA and FGB minutes apportioned to end offices converted to equal access, but FGD is not subscribed to by the customer, will be considered as premium minutes for billing.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (H) <u>Description and Application of Rates</u> (Continued)
 - (6) <u>Transitional Billing Arrangements</u> (Continued)
 - (c) Once the allocation for transitional billing, as set forth in (ii) and (iii) preceding is completed, all Switched Access rate elements will be billed based on this allocation.

Switched Transport Facility mileage for the access minutes apportioned will be calculated on an airline basis, using the V&H coordinates method, between each end office to which minutes have been apportioned and the serving wire center for the CDL.

Specific details and methodology used to apportion FGA or minutes as described in the preceding paragraphs will be provided to the customer upon request within 15 days of the receipt of such request.

- (7) (Reserved for Future Use)
- (8) NXX Translation Nonrecurring Charge

The NXX Translation Nonrecurring Charge, as set forth in 4.6.1(C), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Telephone Company must activate or deactivate the NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, the Switched Access Ordering Charge, as set forth in 4.6.1(B) will apply per ASR submitted for the activation or deactivation of NXX codes.



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Lexington, Kentucky

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u>

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded and assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC, and FGD the measured access minutes are the chargeable access minutes. For originating calls over FGA and FGB the measured access minutes are the chargeable access minutes.

For originating calls over FGC, chargeable access minutes are derived from measured access minutes through the use of a Telephone Company factor. A description of the factor is set forth in (4) following.

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

When measurement capability for FGA and FGB is not available, access minutes shall be assumed as described in (3) following.

When usage data is required for a specific end office in an Access Area with multiple end offices, and usage to that office cannot be measured, a portion of total usage will be allocated to the specific end office based upon the portion of subscriber lines served by that end office.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (1) FGA Usage Measurement

For originating calls over FGA, usage measurement begins when the FGA first point of switching receives an off-hook supervisory signal forwarded from the CDL. Where FGA is used for MTS/WATS-type service, this off-hook signal is generally provided by the customer's equipment. Where FGA is used for FCO/ONAL-type services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (2) FGB Usage Measurement

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

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

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

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



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 Rate and Charge Regulations (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)

(3) Usage Measurement Not Available for FGA and FGB

When originating and/or terminating measurement capability does not exist, the number of access minutes per FGA line or FGB trunk, per month, will be assumed based on the following:

- A single monthly surrogate of assumed minutes per two-way line/trunk per month shall apply as set forth in 4.6.7 following. For FGA lines, the terminating assumed usage will be 47% of the two-way surrogate and the originating assumed usage will be 53% of the two-way surrogate. For FGB trunks, the terminating assumed usage will be one half of the two-way surrogate and the originating will be one half of the two-way surrogate.
- When measurement capabilities do not exist for a one-way FGA line or FGB trunk, a single monthly surrogate of assumed minutes per one way line/trunk per month shall apply as set forth in 4.6.7 following.
- When measurement capabilities do not exist in one direction for a two-way line (e.g., recording for terminating only) the number of access minutes per line, per month will be the assumed surrogate for a two-way line or the recorded usage for the single direction, whichever is greater.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (3) Usage Measurement Not Available for FGA and FGB
 - In the event of measurement equipment failure, minutes of use will be determined as follows:

For the initial month of service, FGA and FGB minutes will be assumed as indicated above unless actual usage recorded prior to the failure is greater than the assumed usage.

For subsequent months, the greater of 1) actual usage recorded prior to the failure, or 2) the average of the three month current months' usage (or less if three months are not available) will be used.

(4) FGC Usage Measurement

For originating calls over FGC, usage measurement begins when the originating FGC first point of switching receives answer supervision from the CDL, indicating the called party has answered. However, for billing purposes usage begins at the time that the originating end user's call is delivered by the Telephone Company, and acknowledged as received by the customer's facilities connected with the originating central office.



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BY: Vice President Lexington, Kentucky Effective: August 1, 2006

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (4) <u>FGC Usage Measurement</u> (Continued)

For originating calls over FGC, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Originating Minutes = Conversation minutes + (factor x quantity of completed calls).

Factor = non-conversation minutes per completed call + [(non-conversation minutes per incompleted call) x (1 - completion ratio) divided by completion ratio].

The measurement of originating call usage over FGC ends when the FGC first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

For terminating calls over FGC to services other than SAC Access or Directory Assistance, terminating FGC usage is not directly measured at the first point of switching, but is derived from originating usage, excluding usage from calls to SAC Access or Directory Assistance Services.



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BY: Vice President Lexington, Kentucky Effective: August 1, 2006

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (4) <u>FGC Usage Measurement</u> (Continued)

Terminating call usage over FGC, other than SAC Access and Directory Assistance, is derived from originating usage as follows:

Terminating Minutes = Originating conversation minutes x In/Out ratio.

In/Out Ratio = Relationship between originating (i.e. Out) and terminating (i.e. In) conversation minutes.

For terminating calls over FGC to SAC Access or Directory Assistance Service, usage measurement begins when the FGC first point of switching receives answer supervision from the end office switch, indicating the terminating SAC Access Service end user has answered, or from the Directory Assistance Service location, indicating the Directory Assistance operator has answered.

The measurement of terminating call usage over FGC to SAC Access or Directory Assistance Services ends when the FGC first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating SAC Access Service end user has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the CDL, whichever occurs first.



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BY: Vice President Lexington, Kentucky Effective: August 1, 2006

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (5) FGD Usage Measurement

For originating calls over FGD with multifrequency (MF) signaling, usage measurement begins when the FGD first point of switching receives the first wink supervisory signal forwarded from the CDL.

For originating calls over FGD with SS7 Out of Band Signaling, usage measurement for direct trunks begins when the FGD first point of switching sends an Initial Address Message. Usage measurement for tandem trunks begins when the FGD first point of switching receives an Exit Message.

The measurement of originating call usage over FGD with MF signaling ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGD with SS7 Out of Band Signaling ends when a Release Message is sent or received by the originating end user's end office, whichever occurs first.

For terminating calls over FGD with MF or SS7 Out of Band Signaling, usage measurement begins when the FGD first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (I) <u>Measuring Access Minutes</u> (Continued)
 - (5) <u>FGD Usage Measurement</u> (Continued)

The measurement of terminating call usage over FGD with MF signaling ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

The measurement of terminating call usage over FGD with SS7 Out of Band Signaling ends when the FGD first point of switching receives or sends a Release Message, whichever occurs first.

(6) SAC Access Service Usage Measurement

SAC Access Service usage measurement shall be in accordance with the regulations set forth for FGC and FGD. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGC access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGD access minutes are measured.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.2 <u>Rate Regulations</u> (Continued)
 - (J) FGD Switched Access Service with 950-XXXX

When a customer orders FGD Switched Access Service with 950-XXXX Access, as described in 4.2.5(T), to be included with the installation of new FGD switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD switched access facilities.

When a customer orders FGD Switched Access Service with 950-XXXX Access to be added to an existing FGD switched access service, only the Switched Access Ordering Charge and the Design Charge Will apply for the addition of this optional end office service arrangement.

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

The Carrier Identification Parameter (CIP) provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP will be populated by a 4-digit CIC at the rates shown in 4.6.6. The monthly recurring rate is applicable per trunk. The nonrecurring charge is applicable per CIC, per trunk group. The nonrecurring charge has two rate levels. There is a nonrecurring charge applicable to trunk groups direct to the access tandem and a nonrecurring charge applicable to trunk groups direct to an end office.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.5 <u>Rate and Charge Regulations</u> (Continued)
- 4.5.3 (Reserved for Future Use)
- 4.5.4 (Reserved for Future Use)
- 4.5.5 Application of Rates for FGA Extension Service

FGA is available with extensions, (i.e., additional terminations of the service at different buildings in the same LATA). FGA extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are as set forth in 5.7 following.



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.6 Rates and Charges

4.6.1 <u>Nonrecurring Charges</u>

(A) (Reserved for Future Use)

(B) <u>Switched Access Service Ordering Charges</u>

				<u>USOC</u>	<u>GSEC</u>
	(1)	Switched Access Ordering Charge, per ASR	\$ 190.70	SESCLSW	SESCLSW
	(2)	Design Change Charge, Per ASR	33.74	H28SW	H28SW
(C)	<u>500 NXX</u>	X Translation Charge			
	(1)	First NXX, per ASR/ per End Office	23.00	NW51X	-
	(2)	Each Additional NXX, per ASR/per End Office	12.00	NW5AX	-
(D)	Network	Blocking Charge			
	(1)	Applies to FGB, FGC, FGD, SAC Access Service, per call	.017		
(E)	FGA Op	tional Toll Blocking			
	Per F(GA Line	6.67	САН	-



EFFECTIVE

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

7/1 2021 July 1, 2021

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4.	<u>SWITCH</u>	ED ACCESS (Continued)					
4.6	Rates and Charges						
4.6.2	Switched	Switched Transport					
	(A)	Tandem-Switched Transport-FacilityPer Originating Access Minute Per Airline MileNon-8YY Traffic8YY TrafficPer Terminating Access Minute Per Airline Mile	.0000167	C) C)			
	(B)	<u>Tandem-Switched Transport-Termination</u> Per Originating Access Minute Per Termination Non-8YY Traffic 8YY Traffic Per Terminating Access Minute Per Termination	.0001926	C) C)			
	(C)	<u>Tandem Switching Rate</u> Per Originating Access Minute Non-8YY Traffic 8YY Traffic Per Terminating Access Minute	.0016286	(C) (C)			
	(D)	<u>Tandem Switched Multiplexing Rate</u> Per Originating Access Minute, Per Multiplexer Non-8YY Traffic 8YY Traffic Per Terminating Access Minute, Per Multiplexer	.0000305	(C) (C)			
	(E)	Interconnection Rate Nonpremium Rate, per Access Minute Premium Rate, per Access Minute	.0000000				
	(F)	<u>Direct-Trunked Transport-Voiceband</u> Rates per Airline mile, per month	<u>USOC</u>				
		(1) Direct-Trunked Transport Facility Voiceband \$4.70	1YTXS				
	(G)	Direct-Trunked Transport-DS1(1)Direct-Trunked Transport-Facility-DS1, per Airline Mile, per month10.91	1YTXS				
		(2) Direct-Trucked Transport-Termination-DS1, per month 29.40	TRL				
(H)	Direc		TUCKY Ce dotagission				
			Bridwell ve Director				
* Rates a <u>https://a</u> g		d as set forth in the Windstream Telephone Sys while 6.	Andwell				

Issued: June 16, 2021

FACILITIES FOR INTRASTATE ACCESS

4.	<u>SWITC</u>	ED ACCESS (Conti	nued)					
4.6	Rates and Charges (Continued)							
4.6.2	<u>Switche</u>	Transport (Continu	ed)					
	(I)		-Wire and 4-Wire Voiceband stallation Charge, ce Facility	<u> </u>		215.00	EFG2X	(T)
			acility - 2-wire I, Monthly Rate			28.42	EFG2X	
			acility - 4-wire I, Monthly Rate			42.61	EFG4X	
	(J)	- First Syst - Each Add	stallation Charge,			303.00 303.00	EFGDX EFGLX; EFGEX	(T)
	(К)	Monthly Ra - DS1 - Fir	ate st System ich Additional System			275.00 275.00	EFGDX EFGLX; EFGEX	(T)
	(14)	(1) Service Ins- First Syst- Each Add	stallation Charge,			333.00 333.00	EFGPF EFGPA	(1)
		Monthly Ra - First Syst	ate			1,200.00 1,200.00	EFGPF EFGPA	
	(L)	Multiplexing DS1 to Voice DS3 to DS1		Insta	vice allation arge	Monthly <u>Rate</u> \$147.18 409.30	<u>USOC</u> M6W1X MKW3X	(T)
	(M)	Tandem Dedicated DS1 DS3	Trunk Port			\$14.29 5.87		(T)
					PUBLIC	KENTUCH SERVICE C		ON
	06 2017					John Lyon G EXECUTIVE	ns DIRECTON	_
Issued: June 2	20, 2017		4001 Rodney Parham Little Rock, Arkansas 7		Ĵ	EFFECTIVI 7/1/201 T TO 807 KAR 5:0	7	(1)

Monthly Rate

FACILITIES FOR INTRASTATE ACCESS

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.6 Rates and Charges (Continued)
- 4.6.3 End Office Services
- (A) <u>800/877/888 Data Base Query</u>

Rates for each 800/877/888 Data Base Query performed.

Basic and Premium 800/877/888 Data Base Rate Per Query	\$.004248 (R)	(C)
7/1/2022 – 6/30/2023	\$.002224 (R)	i i i
On and after 7/1/2023	\$.000200 (R)	(Č)
		(D)

Nonpremium Premium Per Per Per Per Originating Terminating Originating Terminating Access Access Access Access <u>Minute</u> Minute Minute Minute Non-8YY 8YY Non-8YY 8YY (C) (B) End Office Switching -Bundled (EOSB) \$.0142422 * \$.0064090 \$.000000 (C) (C) Common Trunk Port

(D) Dedicated Trunk Port

DS1 DS0

* Rates are billed as set forth in the Windstream Telephone https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154 Issued: June 16, 2021
4001 Rodney Parham Road Little Rock, Arkansas 72212

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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.6 <u>Rates and Charges</u> (Continued)
- 4.6.3 End Office Services (Continued)
 - (E) <u>Alternate Traffic Routing</u>

<u>Nonpremium Nonrecurring</u> <u>Charge Per Trunk</u> <u>Group Equipped</u> (CF3AT)

\$32.56

(F) <u>Automatic Number Identification (ANI)</u>

Rates Per ANI Attempt

\$.00014

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

Monthly Rates Per Line/Arranged (E03)

\$ 1.50

(H) Hunt Group Arrangement

Nonpremium Monthly Rates Per Line Equipped (CF3HT)

\$9.64

(I) <u>Queuing</u>

Nonpremium Monthly Rates Per Group Equipped (CF3QT)

\$6.75

(J) <u>Uniform Call Distribution</u>

Nonpremium Monthly Rates Per Line Equipped (CF3UT) Effective: August 1, 2006

\$21.42
Premium Monthly Rates
Per Group Equipped

Premium Monthly Rates

Per Line Equipped

(CF3HG)

Premium Nonrecurring

Charge Per Trunk

Group Equipped (CF3AR)

\$72.36

Per Group Equipped (CF3QU)

\$15.00

Premium Monthly Rates Per Line Equipped (CF3UD)

\$5.13



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- BY: Vice President Lexington, Kentucky
- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.6 <u>Rates and Charges</u> (Continued)
- 4.6.3 End Office Services (Continued)
 - (K) Simplified Message Desk Interface (SMDI)

<u>Nonpremium</u> Monthly Recurring Rate <u>Per DNAL</u> (SMQNX)

\$100.34

(L) <u>Remote Call Forwarding</u>

<u>Nonpremium</u> Monthly Recurring Rate Per Line (FOMNX)

\$13.62

(M) Direct Inward Dialing (DID)

Monthly Recurring Rate Per DID Term (NDT)

\$25.00

(N) <u>Billed Number Screening (BNS)</u>

Monthly Recurring Rate Per Line Screened (RTVXQ)

\$1.00

Premium Monthly Recurring Rate Per DNAL (SMQPX)

\$222.98

Premium Monthly Recurring Rate Per Line (FOMPX)

\$30.27

Monthly Recurring Rate Per Block of 20 Numbers (ND4)

\$10.00



FACILITIES FOR INTRASTATE ACCESS

- 4. <u>SWITCHED ACCESS</u> (Continued)
- 4.6 <u>Rates and Charges</u> (Continued)
- 4.6.4 Information Surcharge

	Premium	1	Nonpremium		
Per		Per	Per	Per	
Originating		Terminating	Originating	Terminating	
Access		Access	Access	Access	
Minute		Minute	Minute	Minute	
<u>Non-8YY</u>	<u>8YY</u>			<u>YY</u>	
\$.0000895	*	\$.0000	\$.0000403 *	\$.0000	

* Rates are billed as set forth in the Windstream Telephone System's FCC Tariff No. 6 found at: <u>https://apps.fcc.gov/etfs/public/lecTariffs.action?idLec=154</u>

		KENTUCKY PUBLIC SERVICE COMMISSION
Issued: June 16, 2021		Linda C., Bridwell Executive Elvectority 1, 2021
	4001 Rodney Parham Road Little Rock, Arkansas 72212	Lide C. Andwell
		EFFECTIVE
		7/1/2021 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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issued: By:	July 17, 200 Vice Presid Lexington,	dent	Effective: August 1, 2006
4.	<u>SWITC</u>	CHED ACCESS (Continued)	
4.6	Rates a	and Charges (Continued)	
4.6.5	<u>FGA U</u>	sage Sensitive Credit Allowance	
	(A)	Usage Sensitive Service Credit Allowance, Credit Per Originating FGA Access Minute#	.0017060
4.6.6	<u>Carrier</u>	Identification Parameter (CIP)	
	Nonred	curring Charge, per CIC per access tandem direct trunk group per end office direct trunk group	\$1,120.00 80.00
	Month	ly Rate, per trunk	.46
4.6.7	Assum	ed Minutes of Use Monthly Surrogate	
	(A)	Per Two-Way Line/Trunk	
		FGA FGB	2,622
	(B)	Per One-Way Line/Trunk	
		Originating Only FGA FGB	-
		Terminating Only FGA FGB	-



This credit is applied to the End Office Switching rate element.

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5. SPECIAL ACCESS

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	-	5 J	PUBLIC SERVICE

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Lexington, Kentucky

5. SPECIAL ACCESS (Continued)

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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u>

Special Access provides a transmission path to connect CDLs* within a LATA for Intrastate Telecommunications purposes. Special Access provided to a customer may be connected directly to customer facilities, through Telephone Company Hub Wire Centers where bridging or multiplexing functions are performed, and/or may be connected to access facilities of another telephone company or companies in the joint provision of Special Access Service, or may be connected to Switched Access as set forth in Section 4 preceding. Interexchange carriers are allowed to utilize Telephone Company special access, in the provisioning of IXC provided intraLATA interexchange foreign exchange and private line service. IntraLATA interexchange services must be ordered to the carrier's CDL.

The provision of Switched Access and Special Access in combination is normally for, but not limited to, the use of WATS or WATS-type Access. When Special Access is connected to Switched Access, the terms, conditions and rates for the facilities between the end user's CDL and the WATS Serving Office are as set forth in this section of the tariff; the terms, conditions and rates for the facilities between the facilities between the WATS Serving Office and the IC's CDL, as well as the Switching Functionalities (e.g., end user access codes, screening) are as set forth in Section 4 of this tariff.

Special Access can be provided in either analog or digital format. Analog formats are differentiated by spectrum and bandwidth. Digital formats are differentiated by bit rate. The specific types of Special Access (e.g., Voiceband, Wideband Data Service) provided are described in 5.2 following.

5.1.1 Rate Elements

There are five basic rate elements which apply to Special Access Service:

Special Transport (described in 5.1.1(B) following) Special Transport Termination (described in 5.1.1(G) following)

Special Access Line (described in 5.1.1(C) following) Supplemental Features (described in 5.4 following) Multiplexing Arrangements (described in 5.5 following)



* Telephone Company Centrex CO-like switches are considered to be CDLs for the purpose of this tariff.

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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (A) (Reserved for Future Use)

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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (B) Special Transport
 - (1) The Special Transport rate element provides for the transmission facilities between the serving wire centers associated with two CDLs, between a serving wire center associated with an end user's CDL and a WATS serving office, between a serving wire center associated with a CDL and a Telephone Company Hub Wire Center or between two Telephone Company Hub Wire Centers. The Special Transport element is distance sensitive, except for MetroLAN, and varies with type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Wideband Data Service, etc.). Special Transport may be provided by more than one telephone company. The method of calculating applicable airline miles for rating purposes for Special Access is specified in 2.7 preceding.

MetroLAN Transport provides flat rate non-distance sensitive transport for DS1 bandwidth on fiber optic rings. The rate element associated with MetroLAN is a monthly recurring charge as set forth in 5.7.10(B).

(2) Special Transport may be used in conjunction with Switched Access for the purpose of provisioning Originating Only, Terminating Only or Combined Originating/Terminating Access as set forth in 4.2.5(V) following. Special Transport employed in this manner provides the FIA for the closed-end of the services between the wire center serving the end user's CDL where WATS Serving Office functions are not available and the WATS Serving Office.

When the necessary WATS Serving Office functions are not provided at the wire center which serves the end user's CDL, the Telephone Company will designate the wire center where the WATS Serving Office functions are available.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (B) <u>Special Transport</u> (Continued)
 - (3) For Fraction T1 (FT1) service, Special Transport must be ordered as Fractional Special Transport in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 SALs.
 - (C) <u>Special Access Line</u> (SAL)
 - (1) A Special Access Line provides the transmission facilities between a CDL and the serving wire center of that location. This rate element varies by type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Wideband Data Service, etc.).



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (C) <u>Special Access Line</u> (SAL) (Continued)
 - (1) (Continued)

For a DS3 (44.746 Mbps) High Capacity service, the rates for SALS vary with distance, number of services and/or level of capacity.

Installation of DS1/DS3 SALs is as set forth in 5.6.1(D)(5). The applicable rates are the nonrecurring charge and monthly rate set forth per DS1/DS3 SAL installed.

The selection of a Terminating Option, as defined in 5.3 following, is required for terminating the network portion of a Special Access Line at a CDL. Terminating Options provides a clearly delineated interface which facilitates the design, isolation, and testing of the Special Access.

One Special Access Line charge applies per CDL at which the facility is terminated. This charge will apply even if the CDL and the serving wire center are co-located in a Telephone Company building. The Special Access Line charge used with a Switching Interface, as set forth in (2) below, is applicable only for the transmission facilities between the end user's CDL and the serving wire center of that location.

(2) A Special Access Line may be provided in conjunction with FGA, FGB, FGC and FGD Switched Access Service for the purpose of Originating Only, Terminating Only or Combined Originating and Terminating Access as set forth in 4.2.1 and 4.2.2. A Switching Interface is required for the provision of this service as set forth in 4.2.5(V) preceding.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (C) <u>Special Access Line</u> (Continued)
 - (2) (Continued)

The Special Access Line provides the closed-end of the dedicated facilities between an end user's CDL and its serving wire center. This serving wire center may or may not be a WATS Serving Office. In those instances when the serving wire center is not a WATS Serving Office Special Transport is applicable as set forth in 5.1.1(B) preceding to the nearest Telephone Company WATS Serving Office.

The Switched Access used in conjunction with the Special Access Line provides various standard switching functionalities and optional arrangements as set forth in Section 4.2.5(V) preceding.

All Special Access Lines used with a Switching Interface are:

- provided with dial pulse address signaling or Dual Tone Multifrequency (DTMF) address signaling and either loop start or ground start supervisory signaling. The type of signaling is the option of the customer.
- available as either a two-wire or four-wire Voiceband Special Access Service (i.e., 300-3000 Hz bandwidth). Each transmission path is provided with Standard Transmission Specifications as described in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

All rules and regulations pertaining to Special Access are applicable to Special Access Lines used with a Switching Interface. Rates and Charges for these services are found in 5.7.5 following for two-wire and four-wire Voiceband Special Access Lines.

(D) (Reserved for Future Use)



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- 5. SPECIAL ACCESS (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 <u>Rate Elements</u> (Continued)
 - (E) <u>Supplemental Features</u>

Supplemental Features may be added to a Special Access circuit to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the Special Access circuit, including the CDL, it will be provided for as a single rate element.

Examples of Supplemental Features that are available include, but are not limited to, bridging and conditioning. Each Supplemental Feature is described in 5.4 following, and rates are set forth in 5.7 following.

(F) <u>Multiplexing Arrangements</u>

Multiplexing provides for arrangements to convert to single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at a Telephone Company designated Hub Wire Center arranged for multiplexing. All types of multiplexing may not be available at each Hub Wire Center. Refer to Section 5.6.6 for a description of Hub Wire Center. Descriptions for each type of multiplexing arrangement are provided in 5.5 following, and rates are set forth in 5.7 following.

- (G) Special Transport Termination
 - (1) DS1 and DS3 Service

The Special Transport Termination rate element as set forth in 5.7, applies only to the DS1 and DS3 service offerings. It provides the equipment and arrangements necessary to terminate the Special Transport facility at a serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for DS1 and DS3 services.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.1 Rate Elements (Continued)
 - (G) <u>Special Transport Termination</u> (Continued)
 - (2) <u>Fractional T1 Service (FT1)</u>

For Fractional T1 Service, Special Transport Termination must be ordered as Fractional Special Transport Termination in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 SALs



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.2 Special Access Configurations

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

(A) <u>Two-point Service</u>

A two-point configuration is a circuit which is provided to connect two CDLs, either directly connected or through a Hub Wire Center where multiplexing functions are performed, or a CDL and a WATS Serving Office.

All Special Access offerings may be provided as a two-point configuration.

With the exception of Temporary Videoband Service, applicable rate elements are:

- Special Access Lines
- Special Transport (when applicable)
- Special Transport Termination (when applicable)
- Supplemental Features (when applicable)
- Multiplexing Arrangements (when applicable)

The following diagram depicts a typical two-point service connecting two CDLs. The service is provided with the supplemental feature of Type C Conditioning:



- SAL Special Access Line
- ST Special Transport
- SWC Serving Wire Center
- **CDL** Customer Designated Location



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.2 <u>Special Access Configurations</u> (Continued)
 - (A) <u>Two-point Service</u> (Continued)

Applicable rate elements are:

- Special Access Line (2 applicable)
- Special Transport (per airline mile between SWCs)
- Supplemental Feature of Type C Conditioning (2 applicable)

In addition, a Special Access Surcharge, as set forth in 5.6.9 following, and a Message Station Equipment Recovery Charge, as set forth in 5.6.10 following may be applicable.

(B) <u>Multipoint Service</u>

Multipoint configuration is a circuit that is provided to connect three or more CDLs through a Telephone Company Hub Wire Center.

Only Voiceband, Program Audio, Digital Data Service facilities, and Miscellaneous Services where so designated, will be provided as multipoint configurations. There is no limitation on the number of midlinks, but the use of more than three mid-links in tandem may degrade the quality of the multipoint facilities. A mid-link is defined as the Special Transport facilities between Hub Wire Centers where the circuit is bridged and/or where circuit switching devices, such as loop transfer arrangement, are located.

Multipoint service is provided in the following manner:

- (1) Special Access Line per CDL to their respective serving wire centers.
- (2) Special Transport between serving wire centers associated with the CDLs and the Hub Wire Center.
- (3) Special Transport between Hub Wire Centers.



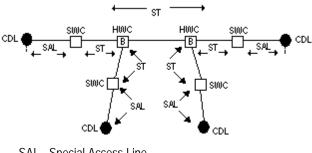
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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.2 <u>Special Access Configurations</u> (Continued)
 - (B) <u>Multipoint Service</u> (Continued)
 - (4) Supplemental Features: Bridging equipment charges for each bridging location and other Supplemental Features when applicable.
 - (5) (Reserved for Future Use)
 - (6) Multiplexing Arrangements when applicable.

The following diagram depicts a multipoint service connecting four CDLs via two customer specified Hub Wire Centers:



SAL - Special Access Line ST - Special Transport SWC - Serving Wire Center CDL - Customer Designated Location HWC - Hub Wire Center B - Bridging

Applicable rate elements are:

- Special Access Lines (4 applicable)
- Special Transport (5 segments, per airline between SWCs and HWCs)
- Bridging (6 applicable, one per bridge port)

In addition, the Special Access Surcharge, as set forth in 5.6.9 following, and the Message Station Equipment Recovery Charge, as set forth in 5.6.10 may be applicable.



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- 3Y: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.3 Special Facilities Routing

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

5.1.4 Design Layout Report

The Telephone Company will provide to the customer the makeup of the Special Access provided under this tariff to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report and will include the following:

Cable gauge, length and loading. Makeup (e.g., T-Carrier, two-wire, four-wire, etc.) Specific pair of circuit assignment at the customer designated location.

The Design Layout Report will be provided to the customer within fourteen working days from the ASR Date. Updated reports will be reissued within fourteen working days whenever facilities provided to the customer are materially changed. Both the initial and updated Design Layout Reports will be provided to the customer at no charge.

5.1.5 <u>Acceptance Testing</u>

At the time of installation, the following test parameters apply:

(A) For Voiceband services, acceptance testing will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise.

When the Interface Arrangement provides a four-wire voice transmission facility and the point of transmission provides two-wire voice transmission (i.e., there is a four-wire to two-wire conversion at the point of termination) balance tests are also included in acceptance testing, the Telephone Company will test the access service within the LATA.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.5 <u>Acceptance Testing</u> (Continued)
 - (A) (Continued)

On four-wire and effective four-wire circuits where the Network Channel Terminating Equipment (NCTE) has the capability of being remotely aligned, the Telephone Company may perform acceptance testing without a Telephone Company technician at the customer's premise. Should the customer request a technician be present at the customer's premise, additional charges will apply as set forth in Section 6.2(C). The applicable rates are in Section 6.2(G).



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.5 <u>Acceptance Testing</u> (Continued)
 - (B) For other analog services (i.e., Program Audio, Wideband Analog and Wideband Data Services) and for digital services (i.e., Digital Data Services and High Capacity Digital Services), acceptance testing will include tests for the parameters applicable to the service as set forth in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff for each of these services.

When the customer requests the performance of additional cooperative tests which are not required to meet these specified performance parameters, charges as set forth in 6.6. (B) following will apply. All test results will be made available to the customer upon request.

If acceptance tests are not started within 15 minutes after pre-service tests have been completed and the customer has been notified by the Telephone Company, additional charges may apply, as set forth in 6.2 following, unless the delay is caused by the Telephone Company.

5.1.6 <u>Ordering Conditions</u>

Ordering conditions are set forth in detail in Section 3 preceding. Also included in that section, are other charges which may be associated with ordering Special Access (e.g., Service Date Change Charges, Cancellation Charges, etc.).

(A) <u>Determination of Jurisdiction of Mixed Use Special Access Lines</u>

When mixed interstate and intrastate Special Access Service is ordered, the jurisdiction will be determined as follows:

1. If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes 10% or less of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of this tariff.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.1 <u>General</u> (Continued)
- 5.1.6 <u>Ordering Conditions</u> (Continued)
 - (A) (Continued)
 - 2. If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes more than 10% of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of the GTOC FCC No. 1 Tariff.
 - 3. For lines in service on the effective date of this tariff, changes will be made in accordance with Section 5.6.1(D)(8). Existing customers will be allowed 90 days from the effective date of this tariff to certify by letter the jurisdiction of the lines. The customer must submit an ASR for each line changing jurisdiction.
 - 4. Lines in service on the effective date of this tariff certified to be jurisdictionally interstate and having a maximum termination liability associated with them will not be assessed the termination liability. The customer must submit an ASR for each line changing jurisdiction no later than 90 days from the effective date of this tariff to have the termination liability waived.
 - (B) Special Access Jurisdictional Verification

If a billing dispute arises or a regulatory commission questions the customer's certification of the jurisdiction of the line the Telephone Company will ask the customer to provide the data used to determine the jurisdiction. The customer shall supply the data within 30 days of the Tele-phone Company's request. The customer shall keep records of system design and functions from which the jurisdiction can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the jurisdiction of the service.



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5. <u>SPECIAL ACCESS</u> (Continued)

5.2 Description of Special Access

There are seven generic types of Special Access offerings. They are:

- Voiceband
- Program Audio
- Videoband
- Wideband Analog
- Wideband Data
- High Capacity Digital
- Digital Data Service

Each type has its own characteristics, and are subdivided by one or more of the following:

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

The Special Access offerings described below are comprised of a combination of the rate elements described in 5.1.1 preceding. The following descriptions indicate the most effective use for each facility. Customer use for purposes other than those indicated is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee transmission performance beyond the parameters identified in the descriptions.

The transmission performance characteristics of each Special Access offering are stated in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff. The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards in the Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff I will be maintained at the performance level specified in the manual. Where transmission in performance characteristics are required other than those as stated in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff I will be maintained at the performance case stated in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff I will be maintained at the performance as stated in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff I will be maintained at the performance as stated in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff, the Telephone Company will review, and where technically feasible, will develop rates and charges for the additional costs associated with provisioning the parameters. These rates and charges will be filed on an individual case basis in Section 5.9 and will apply in addition to all other applicable rates and charges.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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5. <u>SPECIAL ACCESS</u> (Continued)

5.2 <u>Description of Special Access</u> (Continued)

The customer also has the option of ordering Voiceband and analog and digital high capacity facilities to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility, are set forth in 5.5 following. Additionally, the customer may specify supplemental features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the supplemental features available are set forth in 5.4 following.

For example, a customer may order a 3.152 Mbps facility from a CDL to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voiceband or Wideband Analog (i.e., Group level) channels or may be extended to other CDLs. Optional features may be added to either the 1.544 Mbps or the Voiceband Channels.

A customer may also order high capacity facilities from an end user's CDL to a Telephone Company Hub for the purpose of originating or terminating Special Access Lines used with a Switching Interface. High capacity to voice multiplexing is required at the Hub.

5.2.1 Voiceband

(A) <u>Two-Wire Voiceband Facility</u> (USOC - XDM++, XDN++, XDV++)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. They



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.1 <u>Voiceband</u> (Continued)
 - (A) <u>Two-Wire Voiceband Facility</u> (Continued)

permit the simultaneous transmission of information in both directions over a circuit, but it is not possible to ensure independent information transmission in both directions. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

(B) <u>Four-Wire Voiceband Facility</u> (USOC - XDN++, XDV++)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. The facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. When terminated four-wire, they permit simultaneous independent transmission of information in both directions over a circuit. However, when terminated two-wire, simultaneous independent transmission cannot be supported. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

- 5.2.2 (Reserved for Future Use)
- 5.2.3 Program Audio

These facilities are arranged and provided for the transmission of audio to be broadcast or which is to be used in connection with loudspeakers, wired music, closed circuit or recordings. Audio facilities are furnished for transmission in one direction. Audio facilities may be provided on a two-point or multi-point basis.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.3 Program Audio (Continued)

Program audio facilities are provided on either a fulltime or part-time basis. The minimum periods for fulltime and part-time service are set forth in 3.2.4, preceding. When a part-time program audio service is provided for ten or more consecutive days it will be treated as a full-time service and rated accordingly. In no event will the charge for continuous part-time program audio exceed the amount that would have been charged in the same time period for full-time program audio facilities.

Listed below are the types of Program Audio facilities that are offered under this tariff.

(A) <u>200 to 3500 Hz</u> (USOC - XDP1D; XDP1M)

Facilities are generally acceptable for speech quality programming and are subject to use over limited distance due to transmission factors.

(B) <u>100 to 5000 Hz</u> (USOC - XDP2D; XDP2M)

Facilities are generally acceptable for music and provide good quality speech programming.

(C) <u>50 to 8000 Hz</u> (USOC - XDP3D; XDP3M)

Facilities for the provision of high fidelity music transmission.

(D) <u>50 to 15000 Hz</u> (USOC - XDP4D; XDP4M)

Facilities for the provision of high fidelity music transmission. Two such facilities may be conditioned, at applicable charges, for stereo operation.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.4 Videoband

These facilities are arranged and provided for the transmission of television to be broadcast or used in connection with viewing or recording.

Facilities to be used in connection with broadcast video service must be ordered from the appropriate interstate tariff.

5.2.5 <u>Wideband Analog</u> (USOC - XDW++)

These facilities are two point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. The three types of Wideband Analog Facilities are:

- (A) Group band facilities with a bandwidth from 60 kHz to 108 kHz for the transmission of a 12 circuit frequency division multiplexer (FDM) group.
- (B) Supergroup band facilities with a bandwidth from 312 kHz to 552 kHz for the transmission of a 60 circuit FDM supergroup.
- (C) Mastergroup band facilities with a bandwidth from 564 kHz to 3084 kHz for the transmission of a 600 circuit FDM mastergroup.
- 5.2.6 <u>Wideband Data Service</u> (USOC XDL++)

These analog facilities are arranged and furnished for two-point simultaneous two-way transmission of high speed data between two CDLs. These facilities are normally utilized for the following data speeds: 19.2 kbps, 50 kbps, 56 kbps and 230.4 kbps.



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- BY: Vice President Lexington, Kentucky
- 5. SPECIAL ACCESS (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.7 <u>High Capacity Digital</u> (USOC XDH++)

These facilities are two point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth in 5.1.1(C)(2) preceding. A High Capacity to Voice multiplexing arrangement, as described in Section 5.5 following, is required at the Hub Wire Center.

- (A) DS1 facilities provides for the transmission of isochronous serial data at a rate of 1.544 Mbps.
- (B) DS1C facilities provide for the transmission of isochronous serial data at a rate of 3.152 Mbps.
- (C) FT1 facilities are furnished for the transmission of isochronous bipolar serial data and are available at transmission rate groupings or N x 56 Kbps or N x 64 Kbps where N equals 2, 4, or 6. FT1 channels are contiguous within the network and can be used to create a wideband circuit using CPE. When N x 64 FT1 is ordered in conjunction with DS1 service for multiplexing purposes, the DS1 must have Clear Channel Capability as described in 5.8.1. FT1 Service at a rate of N x 64 Kbps will only be provided where Clear Channel Capability is available in the network. Where Clear Channel Capability is not available, N x 56 Kbps service can be provided in lieu of N x 64 Kbps.
- (D) FiberConnect service facilities provide for the transmission of an isochronous serial data stream at a rate of 6.312 Mbps, encoded and converted to a signal suitable for optical transport. FiberConnect service is transmitted on fiber optic cable. When FiberConnect is provided with a fiber optic interface at the CDL, a single transmission channel is provided with a data rate dependent on the Telephone Company standard fiber optic terminal equipment used to provision the facility. When FiberConnect is provided with an electrical interface, four transmission channels of 1.544 Mbps each are provided at the interface.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.7 <u>High Capacity Digital</u> (USOC XDH++) (Continued)
 - (D) (Continued)

FiberConnect is offered only on a protected basis between a CDL and its serving wire center. FiberConnect is not available with multipoint services. Special Transport between serving wire centers for FiberConnect must be ordered as 4 DS1s.

- (E) DS3 facilities provide for the transmission of isochronous serial data at a rate of 44.736 Mbps. The Telephone Company will provide an electrical interface with the service unless otherwise specified by the customer.
- (F) DS3C facilities provide for the transmission of isochronous bipolar serial data at a rate of 89.472 Mbps. The Telephone Company will provide an optical interface with this service unless the service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the customer requests an electrical interface.
- 5.2.8 <u>Digital Data Service</u> (USOC XDD++)

Facilities for Digital Data Service are furnished for the simultaneous two-way transmission of synchronous data and are available at transmission speeds of: 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps or 56 kbps. Digital Data facilities may be provided on a two point or multi-point basis.

5.2.9 (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.2 <u>Description of Special Access</u> (Continued)
- 5.2.10 <u>Miscellaneous Special Access Services</u>

A description of each service provided under Miscellaneous Special Access Services, along with the rates is set forth in 5.8 following. Other Special Access rate elements may apply in addition to those found in 5.8.

5.3 Description of Terminating Options

Terminating Options provide a clearly delineated interface between Telephone Company and customer facilities at the point of termination at the CDL. Terminating Options facilitate the design, isolation, and testing of the Special Access. The description of each Terminating Option defines the most effective use of the Terminating Option. The technical parameters of each type of associated interface are set forth in Section 7000 of the GTE Technical Interface Reference Manual. Although a customer is not restricted from alternate applications, except where such application is harmful to the network, the Telephone Company cannot guarantee technical performance for other than the applications stated below. Terminating Options are nonchargeable.

- 5.3.1 Narrowband
 - (A) <u>0 to 75 Baud Type 1</u>

Provides standard open/closed 20 or 62 Ma energized interface to customer terminal equipment and converts customer terminal equipment signals to voice frequency signaling for transmission over twowire or four-wire voiceband network facilities suitable for voice grade to narrowband multiplexing. This terminating option is obsolete and is limited to those circuits so equipped and in service as of November 3, 1990.

(B) <u>0 to 75 Baud Type 2</u>

Provides two-wire or four-wire metallic interface for customer or Telephone Company energized circuits. Telephone Company energized circuits are only available in conjunction with voice grade to narrowband multiplexing. This option does not guarantee dc current operation over special transport facilities. This terminating option is obsolete and is limited to those circuits so equipped and in service as of November 3, 1990.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.1 <u>Narrowband</u> (Continued)
 - (C) <u>0 to 150 Baud</u>

Provides standard RS-232C interface to customer terminal equipment and converts customer terminal equipment signals to voice frequency signaling for transmission over two-wire or four-wire voiceband facilities. This terminating option is obsolete and is limited to those circuits so equipped and in service as of November 3, 1990.

5.3.2 Voice Grade

(A) <u>Two-Wire Voice Grade, Non-Data, Without Signaling</u>

This option provides a two-wire interface to a customer and terminates an effective two-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voiceband. Customer provided voice band signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three-second period.

(B) Four-Wire Voice Grade, Non-Data, Without Signaling

This option provides a four-wire interface to the customer terminal equipment and terminates an effective four-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voice band. Customer provided voiceband signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three-second period.

(C) <u>Voice Grade Data Termination</u>

This option provides a two-wire and four-wire transmission interface to a customer's private line data modem and terminates an effective four wire facility furnished for voiceband data transmission.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.2 <u>Voice Grade</u> (Continued)

(D) <u>Two-Wire Voice Grade Station Connecting Facility Termination</u>

This option provides a means to terminate an effective two-wire facility or an effective four-wire facility with a two-wire customer interface on a telephone, key system, PBX, ACD, or similar equipment. This option is normally used to terminate facilities that furnish foreign central office service, the station end of PBX off premises service, or private switched service network access lines. The option provides both the transmission and loop signaling functions normally associated with these services. The option is also used to terminate facilities arranged with automatic ringdown signaling. This option provides the loop and ringdown signaling with the facility.

(E) <u>Four-Wire Voice Grade Station Connecting Facility Termination</u>

A terminating option similar to (D) preceding used to terminate effective four-wire foreign central office service. The option provides a four-wire transmission interface to the customer terminal equipment and the loop signaling function normally associated with these services. This option provides the loop and ringdown signaling with the facility.

(F) <u>Two-Wire Station Connection Facility Termination for the Open End of an Off Premises PBX Extension</u>

Terminating options are available depending on the signaling range of the PBX (or similar system) as defined in Part 68 of the FCC Rules and Regulations. Type 1 is an option requiring range extension equipment at the CDL. Type 2 is an option with no range extension equipment at the CDL. If needed, the loop signaling range equipment for Type 1 must be specifically specified, see Section 5.4.4 following for available arrangements.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.2 <u>Voice Grade</u> (Continued)
 - (G) <u>Dial Repeating Tie Trunk Termination</u>

Two network terminating options are provided for terminating effective four-wire transmission facilities used to furnish dial repeating tie trunk services. These options are described in terms of the interface they provide to a PBX (or similar system).

- (1) A Type I tie line termination provides the customer with a two-wire transmission interface and includes either a two-wire or four-wire E&M type signaling. Transmission and signaling interface options available are described in Part 68 of the FCC Rules and Regulations. This option provides the E&M type signaling with the facility.
- (2) A Type III tie line termination provides the customer with a four-wire transmission interface and includes either two-wire or four-wire E&M type signaling. Transmission and signaling options available are described in Part 68 of the FCC Rules and Regulations. This option provides the E&M signaling with the facility.
- 5.3.3 Program Audio

(A) <u>200 to 3500 Hz</u>

Provides standard program audio interface levels and impedance matching to two-wire network facilities.

(B) <u>100 to 5000 Hz, 50 to 8000 Hz, and 50 to 15000 Hz</u>

Provides standard program audio interface levels, circuit equalization and impedance matching to twowire network facilities.

5.3.4 (Reserved for Future Use)



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.5 Wideband Data Service
 - (A) Provides a Wideband Data Service Special Access interface for use in providing two-way transmission of sequential synchronous or nonsynchronous data at rates of 19.2, 50 or 230.4 Kbps; or sequential synchronous bipolar data signals at a rate of 56 Kbps over four-wire facilities.
 - (B) (Reserved for Future Use)

5.3.6 High Capacity Digital

(A) <u>High Capacity Digital DS1</u>

Provides a High Capacity Digital DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 1.544 Mbps.

(B) <u>High Capacity Digital DS1C</u>

Provides a High Capacity Digital DS1C Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 3.152 Mbps.

(C) Fractional T1 Service

Provides a DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals and is limited to groupings of N x 56 Kbps or N x 64 Kbps where N equals 2, 4, or 6.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.6 <u>High Capacity Digital</u> (Continued)
 - (D) FiberConnect Service

Provides a High Capacity Digital Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data. The Telephone Company, at the option of the customer, will provide either an electrical or a fiber optic interface. The electrical interface option provides four electrical channels at 1.544 Mbps each. The fiber optic interface option is provided on a single mode fiber and terminates on fiber optic connectors. The 6.312 Mbps signal will be made up of four transmission channels of 1.544 Mbps each and will be encoded to an optical data rate dependent on the fiber optic terminal equipment used by the Telephone Company to provision the facility. When the optical interface is selected, it is the customer's responsibility to provide the optical line termination at his premises. This equipment must be compatible with the equipment provided by the Telephone Company. Service will be provided on a one for one protected basis only.

(E) High Capacity Digital DS3

Provides a High Capacity Digital DS3 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 44.736 Mbps. The Telephone Company will provide an electrical interface with the service unless otherwise specified by the customer.

(F) High Capacity Digital DS3C

Provides a High Capacity Digital DS3C Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 89.472 Mbps. The Telephone Company will provide an optical interface with this service unless the service is provided via microwave, in which case, an electromagnetic interface is provided, or unless the customer requests an electrical interface.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.3 <u>Description of Terminating Options</u> (Continued)
- 5.3.7 Digital Data Service (DDS)

Provides DDS Special Access interface for use in providing simultaneous two-way transmission of sequential bipolar data signals at transmission speeds of 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps over four-wire facilities.

5.4 <u>Description of Supplemental Features</u>

Supplemental Features are items which can be added to a Special Access service to provide enhanced capabilities or improve its utility. References to specific uses or Special Access types indicate the most effective use for each Supplemental Feature. Customer use for other purposes or with other Special Access types is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee functional operation of Supplemental Features for these alternate applications.

Listed below are the Supplemental Features that are offered under this tariff.

5.4.1 Bridging

Bridging is the function of connecting three or more CDLs in a multipoint arrangement. Listed below are those bridging services offered under this tariff.

(A) <u>MultiPoint Data Bridging</u> (USOC - BSNDJ)

This feature provides the capability to derive a multipoint data circuit from a single facility and is normally provided on Voiceband facilities provided for transmission of data signals. This function is provided on a per port basis. Polled multipoint data circuits are a typical application of this feature.

(B) <u>Voice Conference Bridging</u> (USOC - B5NVJ)

Bridging arrangement to connect multiple Voiceband facilities in order that a voice frequency input signal from any location will be reproduced at the output of all other circuit locations. This function is provided on a per port basis.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.1 <u>Bridging</u> (Continued)
 - (C) <u>Alarm Distribution Bridging</u> (USOC BCNTA)

Provides polling type bridging capabilities, band splitting filters and conversion of four-wire common terminations up to a capacity of 40 two-wire terminations. This function is offered as two tariff elements. The first element provides all shelving and common equipment for a capacity of 40 two-wire terminations. The second element provides a two-wire port. One common equipment rate element will apply to accommodate up to 40 two-wire terminations. One two-wire port charge will apply to each two-wire Special Access Line terminated in the bridge.

(D) Program Audio Bridging (USOC - BCNPT)

An arrangement to provide multiple channel outputs from a single Program Audio or Voiceband facility. This arrangement is provided and rated on a per port basis.

(E) <u>Dataphone Select-A-Station Bridging</u> (USOC - BCNSP)

Provides for the connection of a master station location to a number of remote stations. The capacity of this bridging arrangement will vary from a minimum of 21 stations to a maximum of 84 stations dependent upon the mixture of four-wire and two-wire ports equipped. This arrangement is provided per AT&T Technical Reference Publication 41014. Charges consist of a rate for either common equipment-addressable or common equipment-sequential, plus a rate for each four-wire port connected or for each two-wire port connected. Dataphone Select-A-Station Bridging is an obsolete service offering and is limited to those circuits so equipped that were in service as of June 9, 1988.

(F) <u>DDS Bridging</u> (USOC - BCND4)

Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, or 56 kbps DDS facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.2 <u>Conditioning Arrangements Data</u>

Data conditioning, when utilized in conjunction with effective four-wire Voiceband transmission facilities, improves the characteristics of these facilities. These improved characteristics are not represented to apply to the entire end to end facility of the customer, but only to that portion of the facility provided by the Telephone Company.

There are three types of data conditioning: Type C, Type C-Improved and Type DA. Type C and Type C-Improved conditioning control attenuation distortion and envelope delay distortion. Type DA controls the signal to C-notched noise ratio and intermodulation distortion. Type C and Type DA conditioning may be combined on the same circuit. Type C-Improved and Type DA conditioning may be combined on the same circuit.

Data conditioning is charged for on a per Special Access line basis. The parameters listed for each type of data conditioning apply from two or more CDLs located within the Telephone Company serving area. Conditioning parameters apply to each end of a two-point circuit. For multipoint circuits, the conditioning parameters apply from any CDL to either the point of interface at another CDL or the first Telephone Company bridging point depending on the circuit configuration. These parameters are not applicable to High Capacity or Wideband Analog points of interface, because there is no voice frequency test access point. In these instances the data conditioning parameters apply to the last telephone company voice frequency test access point before the High Capacity or Wideband Analog point of interface.

(A) <u>Type C</u> (USOC - X1CPT)

Type C conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff in addition to the standard parameters for Voiceband circuits.

- (1) Attenuation distortion with reference to 1004 Hz.
- (2) Envelope delay distortion.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.2 <u>Conditioning Arrangements Data</u> (Continued)
 - (B) <u>Type C-Improved</u>

Type C-Improved conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff in addition to the standard parameters for Voiceband circuits.

- (1) Improved attenuation distortion with reference to 1004 Hz. (USOC UHW)
- (2) Improved envelope delay distortion. (USOC UHY)

The customer may choose to order Improved Attenuation Distortion or Improved Envelope Delay Distortion or both (USOC - XCECM) configurations. The rates specified for Type C-Improved conditioning, Section 5.7.5(B), will apply regardless of the configuration specified.

(C) <u>Type DA</u> (USOC - XDCPT)

Type DA conditioning of Voiceband facilities provides a facility with the following transmission parameter enhanced to meet the values specified for Type DA conditioning in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff in addition to the standard parameters for voiceband circuits.

- (1) Signal to C-notched noise ratio.
- (2) Nonlinear signal to second order distortion.
- (3) Nonlinear signal to third order distortion.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.3 <u>Conditioning Program Audio</u>
 - (A) <u>Stereo Conditioning</u> (USOC XSC)

Provides the option of two radio program facilities which are identical in all transmission characteristics. Two Program Audio facilities are required to provide this Supplemental Feature. This feature is normally used only with Program Audio 50 to 15000 Hz facilities. Stereo Conditioning is charged on a per occurrence basis.

(B) Zero Loss (USOC - XZB)

Conditioning of Program Audio facilities to provide zero loss at 1000 Hz test frequency. Zero Loss is charged on a per Special Access Line basis.

5.4.4 <u>Signaling Arrangements</u>

Signaling arrangements, when furnished with Voiceband transmission facilities, enable the facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at customer and Telephone Company interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV and SF.

The customer identified NCI and SEC NCI codes will be considered the customer's request for signaling. The Telephone Company will endeavor to provide the specific signaling protocols requested by the customer. In those cases where facilities and equipment are not available to meet the customer's specific requests, the Telephone



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.4 <u>Signaling Arrangements</u> (Continued)

Company will provide the customer acceptable alternate protocols. Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff provide detailed technical descriptions of the signaling protocols normally available with each service offering. To properly provision SF signaling, when associated signaling code, is DS (PCM), additional information of SF requirements (loop signaling type DX/E&M or ringdown) must accompany the customer's order.

Signaling arrangement charges apply whenever interfaces at the customer premises or at the customer's Telephone Company serving wire center require a signaling arrangement other than those provided with the Terminating Options in 5.3.2 preceding. Signaling Arrangements will be charged on a per SAL basis. Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB

For the above conditions, one additional signaling charge applies for each additional leg of multipoint circuit. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Telephone Company will obtain customer approval for signaling range extension equipment.

Listed below are the Signaling Arrangements offered under this tariff:

(A) Loop Signaling Range Extension - An arrangement to extend the metallic resistance limitations of loop type signaling. (USOC - OSA)



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.4 <u>Signaling Arrangements</u> (Continued)
 - (B) Conversion of Loop or E&M Signaling to SF An arrangement to convert loop or E&M signaling to the single frequency signaling format. (USOC OSB)
 - (C) E&M to DX Signaling Conversion Conversion of E&M signaling to the DX signaling format. (USOC OSC)
 - (D) E&M to Loop Signaling Conversion Conversion of E&M signaling format to the loop type signaling. (USOC - OSD)
 - (E) Loop or E&M to PCM Signaling Conversion of loop or E&M signaling to the digital (PCM) signaling format. (USOC OSN)
 - (F) Automatic Ringdown Signaling (ARD) A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end. (USOC XSSLR)
- 5.4.5 Echo Control
 - (A) Echo Suppression (USOC OE1) An arrangement provided at the customer's request to attenuate reflected speech energy on a fourwire facility. This conditioning is generally required on circuits with long propagation delay. Echo suppression is charged on a per Special Access circuit basis. Echo suppression is an obsolete service offering and is applicable only to those circuits equipped with echo suppression prior to January 1, 1987. Any service rearrangements or order activity on the circuits equipped with echo suppression may require a change to echo canceller as described in 5.4.5(B) following.
 - (B) <u>Echo Canceller</u> (USOC ORJ) An arrangement provided at the customer's request to cancel reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo canceller is charged on a per Special Access circuit basis.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.6 Improved Return Loss (USOC IRL)

Improved Return Loss provides for increased echo return and signaling return parameters of an EFFECTIVE two-wire channel. This optional feature is available with certain Voiceband services at a two-wire point of termination when the transmission interface is four-wire at one CDL and two-wire at the other CDL. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire point of termination.

Improved Return Loss rates and charges will apply on a per Special Access Line basis at the rates specified in 5.7.5 following. Technical parameters and the applicable Voiceband services are specified in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

5.4.7 <u>Voiceband Facility Switching Arrangement</u> (USOC - UST)

An arrangement to provide switching between two Voiceband Special Access Services. This arrangement may require a Voiceband control circuit to control the switching arrangement at an additional charge.

5.4.8 <u>Automatic Protection Switch</u> (USOC - APP)

Consists of special switching equipment placed at both ends of a duplicate DS1 facility (i.e., DS1, High Capacity Circuit) for automatic switching to the duplicate (standby) facility in the event the active facility is inoperative.

Duplicate facilities may terminate at a serving wire center, a CDL or both. The option provided under this tariff only includes the APS(s) located at a serving wire center(s). When the duplicate facility terminates at a CDL, the customer will be responsible for providing the associated APS and ensuring it is compatible with the Telephone Company provided switch if appropriate.

The duplicate facilities are not a part of this supplemental feature.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.9 Improved Termination Option (USOC X4T)

Improved Termination provides for a fixed 600 ohm impedance, an increased range of transmission levels, and simplex reversal (when applicable) on an EFFECTIVE four-wire channel. This optional feature is available with most Voiceband services with a four-wire point of termination. Telephone Company equipment is required at the customer's premises where this option is ordered.

The Improved Termination option will be ordered and rates and charges, as set forth in 5.7.5 following, will apply on a per SAL basis. Technical parameters and the applicable Voiceband services are specified in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

5.4.10 Improved Equal Level Echo Path Loss Option (USOC - ORP)

This option provides improved echo control parameters for an EFFECTIVE two-wire channel at a four-wire point of termination. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire point of termination.

The term "Equal Level Echo Path Loss" (ELEPL) represents the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP), i.e., ELEPL = EPL - TLP (send) + TLP (receive).

Improved ELEPL rates and charges will apply on a per SAL basis at the rates set forth in 5.7.5 following. Technical parameters are specified in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.4 <u>Description of Supplemental Features</u> (Continued)
- 5.4.11 Digital Data Service Secondary Channel (USOC SCA24; SCA48; SCA96; SCA56)

This feature is offered on an optional basis to customers of Digital Data Service. It is a separate, slower speed digital channel that operates in parallel with the companion Digital Data Service primary channel. The secondary channel allows for remote control and testing of the network and peripheral devices without taking the network out of service and without lowering the speed of the primary Digital Data Service channel.

Rates and charges as set forth in 5.7.15(C) will apply on a per Digital Data Service SAL basis (each end of a twopoint circuit and all ends of a multi-point circuit).

The provisioning of this option to existing Digital Data Service requires the discontinuance of the existing Digital Data Service and the establishment of new Digital Data Service for both ends of a two-point circuit and all ends of a multipoint circuit. The Initial Ordering Charge plus the Service Installation Charge, as specified in 5.6.1(D) will apply. These charges are in addition to the nonrecurring charges associated with the installation of Digital Data Service.

This feature is available for all speeds of Digital Data Service however, due to technical limitations, cannot operate and therefore, is not available on 56 Kbps digital data service that requires the installation of loop repeater equipment.



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5. <u>SPECIAL ACCESS</u> (Continued)

5.5 Description of Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS1C may be de-multiplexed to two DS1 facilities and then the DS1 facilities may be further de-multiplexed to 24 Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

(A) <u>Voice to Narrowband</u> (USOC - MQX)

An arrangement that multiplexes sixteen 0 to 75 baud narrowband circuits to a single voice grade circuit, or a single voice grade circuit to sixteen 0 to 75 baud narrowband circuits. Voice to Narrowband Multiplexing Arrangement is an obsolete offering and is limited to those circuits so equipped and in service as of November 3, 1990.

(B) Group to Voice (USOC - MQV++)

An arrangement that multiplexes twelve voice grade circuits to a single wideband analog group band circuit, or multiplexes a single wideband analog group band circuit to twelve voice grade circuits.

(C) <u>Supergroup to Group</u> (USOC - MQS++)

An arrangement that multiplexes five wideband analog group band circuits to a single wideband analog supergroup band circuit, or multiplexes a single wideband analog supergroup band circuit to five wideband analog group band circuits.



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5. SPECIAL ACCESS (Continued)

- 5.5 <u>Description of Multiplexing Arrangements</u> (Continued)
 - (D) <u>Mastergroup to Supergroup</u> (USOC MQ9++)

An arrangement that multiplexes ten wideband analog supergroup band circuits to a single wideband analog mastergroup band circuit, or multiplexes a single wideband analog mastergroup band circuit to ten wideband analog supergroup band circuits.

(E) <u>DS1 to Voice</u> (USOC - MQ1)

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits. If this DS1 terminates in a DDS hub, a channel(s) of the DS1 can be used to provide DDS; however, DDS service stops at the DS1 interface. Multiple channels may be required to provide individual Program Audio Channels.

Up to 16 channels of this DS1 can be used for Direct Digital Service (DDS-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for DDS-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

FT1 can be used in conjunction with DS1 to Voice Multiplexing in groupings of N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6, to a single DS1 digital circuit at a rate of 1.544 Mbps.

(F) <u>DS1C to Voice</u> (USOC - MQH++)

An arrangement that multiplexes forty-eight voice grade circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to forty-eight voice grade circuits.

(G) <u>DS1C to DS1</u> (USOC - MXH++)

An arrangement that multiplexes two DS1 digital circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to two DS1 digital circuits.

(H) <u>(Reserved for Future Use</u>)



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5. <u>SPECIAL ACCESS</u> (Continued)

- 5.5 <u>Description of Multiplexing Arrangements</u> (Continued)
 - (I) <u>DS3 to DS1</u> (USOC MXB++)

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

(J) <u>DS3C to DS1</u> (USOC - MQT++)

An arrangement that multiplexes fifty-six DS1 digital circuits to a single DS3C digital circuit at a rate of 89.472 Mbps, or multiplexes a single DS3C digital circuit at a rate of 89.472 Mbps to fifty-six DS1 digital circuits.

(K) <u>Group to DS1</u> (USOC - MQG++)

An arrangement that multiplexes two wideband analog groupband circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to two wideband analog groupband circuits.

(L) <u>Digital Data Carrier Multiplexer</u> (USOC - QMU)

An arrangement that multiplexes a single DS1 1.544 Mbps digital circuit to twenty-three DSO digital ports for connection to either a subrate data multiplexer as described in 5.5(M) following or 56 Kbps digital circuits.

(M) Digital Data Subrate Multiplexer (USOC - QSU24; QSU48; QSU96)

Used with cascading multiplexing, the Digital Data Subrate Multiplexer is an arrangement that multiplexes the following quantities of subrate digital data circuits into a single DSO port: 1) twenty 2.4 kbps, 2) ten 4.8 kbps or 3) five 9.6 kbps. In turn, the DSO digital port then multiplexed to a single DS1 digital circuit using the Digital Data Carrier Multiplexer described in 5.5(L) preceding.



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5. <u>SPECIAL ACCESS</u> (Continued)

5.6 <u>Rate Regulations</u>

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

5.6.1 <u>Types of Rates and Charges</u>

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 charges that apply each month or fraction thereof that a Special Access is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are recurring charges that apply to each 24 hour period or fraction thereof that a part-time Program Audio Special Access Service is provided. This 24 hour period is not limited to a calendar day. When part-time Videoband service is requested rates will be developed on an Individual Case Basis. When part-time Program Audio service is provided for ten or more consecutive days it will be treated as a full-time service and monthly rates will apply. In no event will the charges for continuous part-time Program Audio service exceed the amount that would be charged in the same time period for full-time service.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (C) <u>Nonrecurring Charges</u>

Nonrecurring charges are one-time charges that apply for specific work activity, (i.e., installation of service or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are those listed below.

(1) <u>Special Access Ordering Charges</u>

Special Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(a) <u>Initial Ordering Charge - Special Access</u> (USOC - SESCL)

This charge applies on a per Access Service Request (ASR) basis, including those requests to add additional terminations to an existing service.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (C) <u>Nonrecurring Charges</u> (Continued)
 - (1) <u>Special Access Ordering Charges</u> (Continued)
 - (b) <u>Subsequent Ordering Charge Special Access</u> (USOC SESBX)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

Additions of supplemental features and multiplexing arrangements.

Changes in the type of transport rate option from Switched Transport to Special Transport for FGA and FGB Switched Access Service as described in 4.1 preceding.

(2) <u>Service Installation Charge</u>

The Service Installation Charge is associated with the work performed by the Telephone Company in connection with the physical installation activities involving central office and/or outside plant facilities. This charge applies on a per SAL basis for the installation of service, and for additional terminations to existing service.

This charge does not apply to installations involving DS1 SAL service. The installation charge for this service is set forth in 5.6.1(D)(5) and (6) following. In addition, this charge will not apply to part-time Program Audio SALs which are left in place and reused.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (3) <u>Design Change Charge</u> (USOC H28)

The customer may request a design change to the service ordered. A design change is any change to a pending ASR for Special Access Service which requires engineering review. Design changes include such things as the addition or deletion of supplemental features or changes in the terminating options. Design changes do not include a change of IC CDL or end user premises when its serving wire center changes or Special Access service type (e.g., 2-wire or 4-wire Voiceband or Voiceband to Program Audio, etc.). Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR. The cancellation charges apply as set forth in 3.2.6 preceding.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and specify if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge, as set forth in 5.7.1 following, will apply on a per ASR per occurrence basis, for each ASR requiring a design change.

If a change of service date is required, the Service Date Change Charge as set forth in Section 3 preceding will also apply.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (C) <u>Nonrecurring Charges</u> (Continued)
 - (4) Installation of Supplemental Features and Multiplexing Arrangements

Nonrecurring charges apply for the installation of supplemental features and multiplexing arrangements available with Special Access service. The charge applies whether the feature or multiplexing arrangement is installed coincident with the initial installation of service or at any time subsequent to the installation of service. These charges are in addition to the appropriate Special Access Ordering Charge as set forth in 5.6.1(D)(1) preceding.

- (5) Installation of DS1, Fiberconnect, FT1 and DS3 Special Access Lines
 - (a) <u>DS1 Standard Arrangements</u>

There are two levels of NRC and monthly charges for the installation of a DS1 SAL as set forth in 5.7.10(A). The "First System" charge is assessed per SAL for the first DS1 service ordered by a customer between CDLs or a hub wire center. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time and between the same CDLs as the "First System" DS1 SAL, the lesser charge under "Additional System" will apply.

(b) DS1 Optional Payment Plan (OPP) Arrangements

Customers subscribing to the DS1 OPP arrangements at rates set forth in 5.7.10(C) will not be assessed the nonrecurring charge (NRC) for initial installation of the "First System" DS1 SAL. For each "Additional System" DS1 SAL, the NRC as set forth in 5.7.10(A) will apply.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (5) Installation of DS1, Fiberconnect, FT1 and DS3 Special Access Lines (Continued)
 - (b) <u>DSI Optional Payment Plan (OPP) Arrangements</u> (Continued)

In addition, under a DS1 OPP, the "Additional System" DS1 SAL may be ordered as set forth in 5.6.12(A) through 5.6.12(H) at any time by the same customer between the same CDL and its serving wire center or hub wire center as the "First System" DS1 SAL.

(c) <u>FiberConnect Service Optional Payment Plan (OPP) Arrangement</u>

Customers subscribing to the FiberConnect OPP arrangements, at rates set forth in 5.7.14, will be assessed a nonrecurring charge. The NRC represents the termination of four DS1 equivalent SALs on a single fiber optic transmission system. The customer must order four DS1s and indicate on the ASR the Network Channel Interface (NCI) code for either electrical or fiber optic termination.

The NRC for installation of a FiberConnect OPP SAL as set forth in 5.7.14(A) or (B) will apply to existing FiberConnect OPP customers when required for changes and other service rearrangements as set forth in 5.6.1(D)(8).

(d) Fractional T1 Standard Arrangements

Customers subscribing to Fractional T1 service, at rates set forth in 5.7.13(A), will be assessed a nonrecurring charge. The NRC is assessed per SAL for Fractional T1 service ordered by a customer between CDLs or a hub wire center.



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- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (5) Installation of DS1, Fiberconnect, FT1 and DS3 Special Access Lines (Continued)
 - (e) <u>Fractional T1 Optional Payment Plan (OPP) Arrangements</u>

Customers subscribing to the Fractional T1 OPP arrangements, at rates set forth in 5.7.13(B), will not be assessed a nonrecurring charge (NRC) for initial installation of a Fractional T1 SAL.

The NRC for installation of a FT1 OPP SAL as set forth in 5.7.13(A)(1) will apply to existing FT1 OPP customers when required for changes and other service rearrangements as set forth in 5.6.1(D)(8).

(f) <u>DS3 Arrangements</u>

There are two levels of charges for the installation of 3/12 capacity DS3 SAL as set forth in 5.7.11 and 5.7.12. The "First System" charge is assessed for the first DS3 SAL ordered by a customer. When the same customer requests additional DS3 SALs, to be installed between the same locations, the "Additional System" charge will apply for each SAL up to the maximum capacity of the system ordered.

For individual noncapacity DS3 service, the charge for installation will apply at the same rate per DS3 SAL.

In addition to charges in (A), (B) and (C) above, the appropriate Special Access Ordering Charge as set forth in 5.6.1.(D) (1) will apply.

(6) <u>(Reserved for Future Use)</u>



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (7) Installation of Digital Data Service Special Access Line

There are two nonrecurring charges associated with the installation of DDS SAL facilities. The first is for the provisioning of the SAL, Section 5.7.1, Service Installation Charge. The second is for the provisioning of the customer specified transmission speed of 2.4, 4.8, 9.6, 19.2 or 56 Kbps; the nonrecurring charge as specified in Section 5.7.15(A) will apply. At initial installation, or for the provisioning of a higher or lower transmission speed associated with existing facilities, only the nonrecurring charge as specified in 5.7.15(A) per changed SAL will apply.

(8) <u>Service Rearrangements</u>

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or involve an actual physical change to the service. Changes to pending orders are set forth in 3.2.2 preceding.

Changes in the type of service will be treated as a discontinuance of the service and an installation of a new service.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as set forth in 5.6.4 following.



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- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (8) <u>Service Rearrangements</u> (Continued)

Changes in ownership or transfer of responsibility from one customer to another requires the discontinuance of service and the start of a new service. The Initial Ordering Charge - Special Access and any appropriate Minimum Period Charges will apply per service, per change.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Special Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change name, same customer (i.e., the customer of record does not change but rather the customer of record changes its name),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of agency authorization, and
- Change in jurisdiction involving no physical changes to the service.



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- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (8) <u>Service Rearrangements</u> (Continued)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of another termination to an existing multipoint service, the Initial Ordering Charge Special Access will apply plus the Service Installation charge for each location added.
- If the change involves the addition of supplemental feature or multiplexing arrangement, the Subsequent Ordering Charge Special Access will apply plus the installation charge associated with the supplemental feature or arrangement.
- If the change involves changing the type network interface only, with no change in facility, the Subsequent Ordering Charge Special Access will apply plus an amount equal to one half of the Service Installation charge for each location changed.
- If the change involves changing a two-wire service to a four-wire service or vice versa, the Subsequent Ordering Charge - Special Access will apply plus the Service Installation charge for each location changed.
- If the change involves the retermination of an existing circuit within the wire center only, in association with the installation of high capacity facilities and/or multiplexing arrangements, the Subsequent Ordering Charge - Special Access will apply plus an amount equal to one half the Service Installation charge.



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- 5. SPECIAL ACCESS (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.1 <u>Types of Rates and Charges</u> (Continued)
 - (D) <u>Nonrecurring Charges</u> (Continued)
 - (8) <u>Service Rearrangements</u> (Continued)
 - If the change involves the retermination of an existing circuit within a wire center and a change in the facilities involved (i.e., reroute), in association with the installation of high capacity facilities and/or multiplexing arrangements, the Subsequent Ordering Charge Special Access will apply plus the Service Installation charge for the location involved.
 - In cases where multiple service rearrangements or an additional termination or a move and a service rearrangement are requested on a single ASR, the total charge will never exceed the full nonrecurring charge for the basic service.
 - (E) (Reserved for Future Use)

5.6.2 <u>Minimum Periods</u>

Special Access is provided for a specified minimum period. Minimum periods and minimum period charges are described in Section 3 preceding.

5.6.3 <u>Mileage Measurement</u>

This mileage to be used to determine the monthly rate for the Special Transport is calculated on the airline distance between the serving wire centers involved (i.e., CDL serving wire center or Hub Wire Center or WATS Serving Office). Where the calculated miles include a fraction, the value is always rounded up to the next full mile. Where the calculated value is zero, no Special Transport mileage is charged.



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- 5. SPECIAL ACCESS (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.3 <u>Mileage Measurement</u> (Continued)

When there is a Hub Wire Center involved, the Special Transport mileage will be measured from the Hub Wire Center to the serving wire centers of each of the CDLs connected to the hubbed facilities. Mileage is computed for each section and rates are applied accordingly. However, when a Special Access facility is routed through a Hub Wire Center for purposes other than customer specified such as bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the wire centers serving the CDLs.

The rates for the mileage are applied per airline mile. The serving wire center V&H coordinates and the method of calculation are specified in the NECA Tariff FCC No. 4.

5.6.4 <u>Moves</u>

A move involves a change in the physical location of the point of termination of Special Access. A move normally involves an interruption of Special Access for the period required to complete the move. No credit allowance will be granted for that period. Special Construction as set forth in Section 10 may also be applicable at the different CDL.

A customer may request that Special Access not be interrupted during a move. To comply with that request, it may be necessary to install a duplicate Special Access, and subsequently discontinue the existing Special Access. Charges, monthly and nonrecurring, will apply for the duplicate Special Access. A new minimum period will be established for the duplicate portion of the Special Access, depending on which end of the Special Access is moved. The customer will remain responsible for all minimum period charges associated with the corresponding portion of the disconnected Special Access.

The charge for the move depends on whether the move is within the same CDL or to a different CDL.

(A) Same CDL

When the move is to a new point within the same CDL (same address, and/or same building), the charge for the move will be the Subsequent Ordering Charge - Special Access plus an amount equal to one half the appropriate installation charge for the service termination affected. There will be no change in the minimum period requirements.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.4 <u>Moves</u> (Continued)
 - (B) <u>Different CDL</u>

When the move is to a different CDL (different address and different building), except as specified below, it will be treated as a disconnect and an installation of service. The Initial Ordering Charge - Special Access will apply plus the appropriate installation charge for the service termination(s) affected. A new minimum period will be established for the installed Special Access Service. The customer will remain responsible for all minimum period charges associated with the disconnected Special Access Service.

When the move is to a different CDL in the same serving wire center and the customer and customer's end user remain the same and no lapse in service occurs, a change ASR is required. The Subsequent Ordering Charge - Special Access will apply plus the appropriate installation charge for the service termination(s) affected. Special Construction as set forth in Section 10 may also be applicable at the different CDL.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.5 Rates and Charges on an Individual Case Basis
 - (A) The monthly rates and nonrecurring charges for the following service offerings will be developed on an Individual Case Basis:
 - Videoband Facilities
 - Wideband Analog Group Band Facilities
 - Wideband Analog Supergroup Band Facilities
 - Wideband Analog Mastergroup Band Facilities
 - Wideband Data Facilities
 - High Capacity Digital DS1C (3.152 Mbps) Facilities
 - High Capacity DS3C (89.472 Mbps) Facilities
 - (B) The monthly rates and nonrecurring charges for the following Multiplexing Arrangements will be developed on an Individual Case Basis:
 - Group to Voice Supergroup to Group Mastergroup to Supergroup DS1C to Voice DS1C to DS1 DS3C to DS1 Group to DS1
 - (C) The monthly rates and nonrecurring charges for the following Supplemental Features will be developed on an Individual Case Basis:

Dataphone Select-a-Station Briding Common Equipment - Addressable.

Dataphone Select-a-Station Briding - Each Four-Wire Port.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.6 Hub Wire Centers

A Hub Wire Center is a Telephone Company designated serving wire center at which bridging or multiplexing arrangements are provided. Bridging is used to connect three or more CDLs in a multipoint arrangement. The multiplexing arrangements channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

Although Hub Wire Centers are defined as serving wire centers at which bridging or multiplexing arrangements are performed, they are not limited to providing these functions and may provide any other types of Special Access services offered in this tariff. For example, the Telephone Company will designate certain Hub Wire Centers for Program Audio service offerings.

The Telephone Company will designate the Hub Wire Center locations. Different locations may be designated as Hub Wire Centers for different functions, such as bridging or multiplexing arrangements, for different facility capacities (e.g., multiplexing from digital to digital may occur at one wire center while multiplexing from digital to analog may occur at a different wire center). The location of Hub Wire Centers and the types of hubbing functions offered at that location are identified in the NECA Tariff FCC No. 4.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate,
- from higher to lower bandwidth,
- from digital to voice grade service.

The transmission performance for the end to end Special Access provided from CDLs will be that of the lower capacity or bit rate. For example, when a DS1 Special Access is multiplexed to voice frequency circuits, the transmission performance will be Voiceband, not High Capacity.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.6 <u>Hub Wire Centers</u> (Continued)

The Telephone Company will commence billing the monthly rate for the Special Access Line and Special Transport for the High Capacity facility to the Hub Wire Center as of the service date, even though individual services utilizing those facilities may not be installed until a later date. If the customer has designated the type of multiplexing to be provided with the High Capacity facility, the nonrecurring charge for the Multiplexing Arrangement will be billed to the customer at the same time, and the billing for the monthly rate will begin.

Individual Special Access rates (by Special Access type) will apply for the Special Access Line and additional Special Transport facilities (if required) for each channelized Special Access. These will be billed to the customer as each individual Special Access is installed. The appropriate application of rate elements is specified in 5.6.7(B). Shared use of a digital high capacity facility is provided for in 5.6.7(A).

A customer may order full-time and/or part-time Program Audio Services between two CDLs, or between a CDL and a Hub Wire Center, and will be billed accordingly at the rates set forth in Sections 5.7.6, 5.7.7, 5.7.8 and 5.7.9 following.

At the request of the customer, the full-time and/or part-time services provided to a Hub Wire Center may be connected together in the following configurations: full-time to full-time, full-time to part-time, or part-time to part-time.

The rates that apply for Program Audio Services between each CDL and the Hub Wire Center are Special Transport, if applicable, and Special Access Line. In addition, rates for Supplemental Features may be applicable.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)

5.6.7 Shared Use Analog and Digital High Capacity Services

Monthly charges for a DS1 or DS3 high capacity shared used facility will be apportioned between Switched and Special Access based on the relative proportion of channels used for switched and special access in the following manner.

If the facility is ordered as Special Access, rating as Special Access will continue until such time as a portion of the available capacity is used to provide Switched Access service. As individual channels are activated for Switched Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula:

- The total shared use charge is equal to the Monthly Switched Access Charge times the number of channels used for Switched Access divided by 24 for DS1 or 672 for DS3 plus the monthly Special Access Charge times the number of channels remaining for Special Access divided by 24 for DS1 or 672 for DS3.

If the facility is ordered as Switched Access, rating as Switched Access will continue until such time as a portion of the available capacity is used to provide Special Access service. As individual channels are activated for Special Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the following formula:

- The total shared use charge is equal to the Monthly Special Access Charge times the number of channels used for Special Access divided by 24 for DS1 or 672 for DS3 plus the monthly Switched Access Charge times the number of channels remaining for Switched Access divided by 24 for DS1 or 672 for DS3.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- .56 <u>Rate Regulations</u> (Continued)

5.6.7 <u>Shared Use Analog and Digital High Capacity Services</u> (Continued)

The monthly Switched and Special Access rate used will be the appropriate rate (Special Access SAL, Transport and/or Multiplexer and Switched Access Entrance Facility, Direct-Trunked Transport and/or Multiplexer) for the underlying shared use facility, i.e., if the underlying facility is a Special Access DS3 service, the corresponding Switched Access DS3 Transport will be used to determine the Switched Access monthly charges.

Shared use of Special Access Fractional T1 (FT1), Special Access FiberConnect and Special Access Cross Connect Arrangements is not available.

5.6.8 (Reserved for Future Use)

5.6.9 Special Access Surcharge (USOC - S25)

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of intrastate telecommunications, a surcharge of \$25.00 per service per month will be assessed to a two point Special Access Service, and to each additional Special Access Line when the service is configured as multipoint. The Special Access Surcharge will also be assessed upon Wideband Analog and High Capacity Digital Services on a voice equivalent basis. The voice equivalency for these type service is as follows:

- High Capacity DS1 equates to 24 Voiceband Facilities
- High Capacity DS1C equates to 48 Voiceband Facilities
- High Capacity DS3 equates to 672 Voiceband Facilities
- High Capacity DS3C equates to 1344 Voiceband Facilities
- Wideband Group equates to 12 Voiceband Facilities
- Wideband Supergroup equates to 60 Voiceband Facilities
- Wideband Mastergroup equates to 600 Voiceband Facilities
 High Capacity Digital FT1 56 or 64 Kbps Channel equates to one Voiceband Facility



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.9 Special Access Surcharge (Continued)

The Special Access Service will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the termination is one of the following: (USOC - S25EX)

- (1) The open end termination (dial tone end) of a Foreign Central Office Line, Common Control Switching Arrangement (or equivalent) or Off Network Access Line (ONAL).
- (2) Any termination of an analog circuit used for radio or television program transmission.
- (3) Any termination of a line used for telex service.
- (4) Any termination of a line by nature of its operating characteristics and nature of connection could not make use of common lines.
- (5) Any line termination, other than (1) through (4) preceding, which is subject to the following charges: (a) Carrier Common Line, (b) End Office Switching, and (c) Switched Transport.
- (6) A termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the customer may file the surcharge exemption for the Special Access Service terminating on this equipment.

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the customer must report the intended use of all services when placing ASRs for Special Access Service. In addition, when ordering High Capacity Analog or Digital services, the customer must report the use for each voice equivalent circuit of the high capacity service. When any circuit is reported wholly used in any manner described in (1) through (6) preceding, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.9 <u>Special Access Surcharge</u> (Continued)

If, at any time after the installation of a service which is subject to the surcharge, the customer reports that the service is being used consistently with any exception listed above, the Telephone Company will credit the customer for the surcharge. Credit will not be given beyond the receipt date of the certification for exemption.

5.6.10 <u>Message Station Equipment Recovery Charge</u> (USOC - UTM)

Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment which is assigned to Special Access Service.

In accordance with CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984, and released on November 9, 1984, this charge is assessed on those equivalent lines subject to the Special Access Surcharge as set forth in 5.6.9 preceding. The rate for the Message Station Equipment Recovery Charge is set forth in Section 5.7.2 following.

5.6.11 DS3 High Capacity Service

(A) <u>DS3 Rate Structure</u>

DS3 (44.736 Mbps) High Capacity Service Special Access Lines (SALs) are offered under two options, Option 1 and Option 2.

<u>Option 1:</u> The DS3 SAL will be provided at two levels of capacity systems. The 44.736 Mbps DS3 SAL channel capacity is as follows:

3 DS3 channels capacity 12 DS3 channels capacity

Within each capacity system, a customer may order individual and/or multiple 44.736 Mbps DS3 SALs up to the maximum number of individual channels available within each system. The rates for a DS3 SAL based on system capacity apply to either a DS3 three/twelve capacity system. The SAL for the



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 DS3 High Capacity Service (Continued)
 - (A) <u>DS3 Rate Structure</u> (Continued)

First DS3 service in the three/twelve capacity system has distance sensitive rates per 1/4 airline mile. The SALs for the Additional DS3 service (maximum of two) in the three-capacity system, (maximum of 11) in the twelve-capacity system, ordered by the same customer between the same locations, have nondistance sensitive rates. No reduction of the DS3 SAL rates (First/Each Additional) will apply regardless of the quantity of DS3 services purchased within the system capacity.

<u>Option 2</u>: A 44.736 Mbps DS3 SAL may be ordered by the customer on an individual noncapacity system level. DS3 SALs purchased under Option 2 will be charged at the same rate per SAL regardless of the quantity of DS3 services ordered. Prior to confirming the ASR, the Telephone Company will inquire and verify the availability of 44.736 Mbps DS3 interfaces at the CDL(s). If an interface at the CDL(s) exists, or is available that requires no physical change in the existing CDL configuration of services, the ASR will be confirmed and processed. If these conditions are not present, the customer will be advised and no charge will be assessed for the unissued ASR. Should the customer still choose to order DS3 service as provided under Option 1, the customer must submit a new ASR. The rates for a 44.736 Mbps DS3 SAL provided on an individual noncapacity system level have distance sensitive rates per 1/4 airline mile applied to each DS3 SAL.

A customer may order the same or different level of capacity DS3 SALs for the CDL(s) at which twopoint DS3 service is terminated.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 DS3 High Capacity Service (Continued)
 - (A) <u>DS3 Rate Structure</u> (Continued)

DS3 SALs may be purchased at rates as set forth in 5.7 for a protected or unprotected DS3 service. A protected DS3 service provides a spare transmission path (transmit and receive) connected via an automatic protection switch. Failure in the primary equipment will automatically divert traffic to the spare transmission path. An unprotected DS3 service has only one transmission path (transmit and receive) and will not recover in the case of an equipment failure until a repair or replacement task has been performed.

When a customer requests the disconnect of a DS3 service in the three/twelve capacity system, the disconnect steps are applied on a last in, first out basis. When only the First DS3 service exists on a three/twelve capacity system, that service will be disconnected.

In addition to the above charges, the appropriate Special Access Ordering Charge as set forth in 5.6.1(D)(1) will apply. Any costs associated with Special Construction as set forth in Section 10 will also apply.

DS3 Special Transport contains two rate elements. There is a fixed rate per Special Transport termination and a distance sensitive rate per airline mile per DS3.

(B) DS3 Special Access Line Mileage Measurement

The mileage for the distance sensitive DS3 SALs will be calculated using V and H coordinates, when available for the CDL, to determine the number of chargeable 1/4 airline miles. The V and H coordinates and mileage calculation will be in accordance with NECA No. 4 except that distance will be rounded upward to the nearest quarter mile. If computation is less than one mile, 5 digit V and H coordinates will be used if available. Where V and H coordinates do not exist for the CDL, the mileage will be determined



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 DS3 High Capacity Service (Continued)
 - (B) <u>DS3 Special Access Line Mileage Measurement</u> (Continued)

using the Telephone Company local exchange area maps. These maps will be made available for a customer's review upon their request. Local exchange area maps are available at the headquarters of the Telephone Company and also on file with the state regulatory commission.

(C) <u>Minimum Service Periods</u>

DS3 service is offered under four minimum service periods, each with different rate levels. The minimum service periods are 1, 3, 5 and 7 years. The customer must specify the minimum service period at the time the service is ordered. Each DS3 service within a 3/12 capacity level can have a different minimum service period. Each DS3 SAL of a two-point DS3 service must have the same minimum service period.

In the event DS3 High Capacity Service is terminated by the customer prior to the completion of the initial term commitment period, the customer shall be liable for payment of termination liability charges as set forth in Tariff P.S.C. KY No. 6, <u>GENERAL REGULATIONS</u>, <u>Termination Liability</u>.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 <u>DS3 High Capacity Service</u> (Continued)
 - (D) <u>Multiplexer Cross Connect Arrangement</u>

For DS3 multiplexed services, an arrangement that allows a customer to cross connect digital DS1 channels from one multiplexer to another multiplexer. The rate as specified in 5.7.11(E) will apply per cross connect arrangement. If the DS3 multiplexed services are located in different hub wire centers, DS1 special transport will apply in addition to the DS1 cross connect charge. The customer must provide the channel assignments (CFA and SCFA) for both multiplexed services on the ASR. When a customer chooses to order the cross connect arrangement, the Initial Ordering Charge - Special Access will apply.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 DS3 High Capacity Service (Continued)
 - (E) Partitioned Billing Arrangement (PBA)

Partitioned Billing Arrangement (PBA) is a service arrangement that allows a customer with DS3 3/12 capacity service to partition (separate) the DS3 service(s) to terminate on a customer by customer basis. The same customer must order and be billed for the DS3 3/12 capacity SALs and each terminating DS3 SALs within a PBA. The customer may order the same or different level of capacity DS3 SAL for the CDL(s) at which the partitioned DS3 service is terminated.

When a customer orders the first DS3 3/12 capacity system, the customer will be rated a 3/12 capacity "First" DS3 SAL at a CDL. The same customer can then order the "Additional" DS3 SALs at the same CDL at any time without regard to the terminating end of the service. Based on the ordered capacity level (1 or 3/12), each CDL at which the partitioned DS3 service is terminated will be rated a "First" or "Individual" DS3 SAL and for any subsequent SAL at the same CDL will be rated an "Additional" or again "Individual" DS3 SAL. All other associated rate elements or additional features are applicable at the tariffed rates and regulations.

A PBA can involve multiplexing arrangements. A DS3 3/12 capacity service can be partitioned to a multiplexer in lieu of a CDL. If the PBA is not located in the multiplexer hub wire center, special transport will also be applicable to terminate the partitioned DS3 SAL to the multiplexing arrangement.

When ordering PBA, the customer will be required to provide information on the ASR necessary for the Telephone Company to complete the order. For each PBA, the ASR must specify the access service group (ASG) and the "First" DS3 circuit identification (ECCKT) at both CDLs in the partitioned arrangement.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.11 <u>DS3 High Capacity Service</u> (Continued)
 - (E) <u>Partitioned Billing Arrangement (PBA)</u> (Continued)

Each 3/12 capacity DS3 service is considered a separate PBA. A customer may have multiple PBAs at a CDL. The rates and regulations described herein apply on a per PBA basis.

A customer with existing DS3 service(s) may choose to convert to a PBA. Conversion will require the customer to issue discontinuance of service ASR(s) on the existing DS3 service(s) and establishment of new service ASR(s) to each terminating CDL in the PBA. If no physical changes to the service(s) are required, only the Initial Ordering Charge - Special Access will apply. Should the customer choose to order new service or discontinue existing service in conjunction with converting to a PBA, all associated charges and any remaining termination liabilities will apply.

5.6.12 Optional Payment Plan (OPP)

- (A) <u>Description</u>
 - (1) The terms and conditions specified herein are applicable to FT1, FiberConnect, DDS and DS1 services. Additional terms and conditions for DS1 OPP are set forth in 5.6.12(H). Additional terms and conditions for FT1 OPP are set forth in 5.6.12(I). Additional terms and conditions for DDS are set forth in 5.6.12(J).
 - (2) Only the Special Access Line (SAL) rate element is available under an OPP. All other associated rate elements or additional features are available at the standard month-to-month tariffed rates and regulations.
 - (3) FT1 and DS1 OPP SAL rates will not be greater than standard month-to-month SAL rates. FiberConnect is not available on a month-to-month basis.



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- 5. SPECIAL ACCESS (Continued)
- 5.6 Rate Regulations (Continued)
- 5.6.12 Optional Payment Plan (OPP) (Continued)
 - (A) <u>Description</u> (Continued)
 - (4) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP will flow through to the three year and five year OPP.
 - (5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 5.7.10(C), 5.7.13(B), 5.7.14 or 5.7.15 regardless of when they subscribe to an OPP arrangement.
 - (6) The customer must designate on the ASR the payment period for the OPP.
 - (7) Inside moves, provided in accordance with 5.6.4, will not incur termination liability charges.
 - (8) Outside moves provided in accordance with 5.6.4(B) will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.



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5. <u>SPECIAL ACCESS</u> (Continued)

- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.12 Optional Payment Plan (OPP) (Continued)
 - (B) <u>Termination Liability</u>

When an OPP service is discontinued prior to the end of the period, termination liability charges, as set forth in P.S.C. KY No. 6, <u>GENERAL REGULATIONS</u>, <u>Termination Liability</u>, will apply.

- (C) <u>OPP for DS1 Service</u> (Continued)
 - (1) Upon expiration of an OPP, the customer may choose one of four options as outlined in P.S.C. KY No. 6, <u>GENERAL REGULATIONS</u>, <u>Termination Liability</u>. Existing "Additional System" DS1 SALs under the customer's OPP arrangement must also be converted to comply with the rules and regulations set forth in 5.6.1(D)(5). The customer will be required to submit ASRs to a disconnect existing service and establish new service. If no other changes are ordered, only the Initial Ordering Charge-Special Access will apply per required ASR for the conversion. The ordering and installation of further "Additional System" DS1 services will be subject to the standard month-to-month arrangements.
- (D) <u>OPP for FT1 Service</u>

A customer may change from DS1 OPP service to an FT1 OPP service subject to the following rate applications. Also, a customer may change the number of channels of an N x 56 Kbps or N x 64 Kbps service to another higher value of N (where N = 2, 4 or 6), subject to the following rate applications:



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.12 Optional Payment Plan (OPP) (Continued)
 - (E) <u>OPP for FT1 Service</u> (Continued)
 - The changed service will be subject to all appropriate nonrecurring charges.
 - Termination liability charges will not apply as long as the changed service remains connected at the same point of termination(s) or meet the requirements of 5.6.4(B).
 - If the change involves establishing a multiplexing arrangement, termination liability charges will not apply if the hub wire center is the same one associated with the customer designated location.
 - (F) <u>OPP for DDS</u>
 - (1) For conversion of existing month-to-month DDS to an OPP arrangement, the customer will be required to submit a change order ASR to convert to the OPP. No service or billing interruption will occur when a customer converts from month-to-month rates to OPP rates. If no other changes to the service are ordered, no charges will apply.



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.13 MetroLAN Special Transport
 - (A) <u>Description</u>

MetroLAN Special Transport (MetroLAN) provides DS1 transport between two or more serving wire centers located on a Telephone Company fiber optic ring. MetroLAN transport is provided at a flat-rate per month charge per DS1 transport facility, regardless of the number of miles the circuit is routed on the fiber ring.

(B) <u>Conversion of Existing DS1 Transport</u>

Current DS1 transport can be replaced by MetroLAN. Customers must submit an ASR to convert existing DS1 Special Transport to MetroLAN.



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EFFECTIVE: AUGUST 1, 2006

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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.6 <u>Rate Regulations</u> (Continued)
- 5.6.13 <u>MetroLAN Special Transport</u> (Continued)
 - (C) <u>Discontinuance of Service</u>

If a DS1 SAL is discontinued, DS1 transport for the MetroLAN transport portion of the circuit is also discontinued.

MetroLAN transport may be converted to standard special access transport rates (i.e., per airline mile) at any time at no charge.

(D) Continuation of Service Off the Ring

MetroLAN DS1 circuits can be routed any distance on a fiber optic ring. When the DS1 circuit leaves the ring for continuation on the network, normal tariff rates will be assessed for the portion of the route not on the ring.

(E) <u>Service Availability</u>

MetroLAN DS1 transport is available to all DS1 customers in the Telephone Company serving areas in which fiber optic rings are deployed. MetroLAN is provided between serving wire centers located on the same fiber optic ring within the Lexington serving area.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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						5 5 5	
ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky					EFFEC	TIVE: AUGUST 1, 2006	
5.	<u>SPECI</u>	IAL ACCESS (Continued)					
5.7	Rates	and Charges					
5.7.1	Nonrea	curring Charges					
	(1)	Special Access Ordering Charges					
					<u>USOC</u>	GSEC	
		(a) Initial Ordering Charge		\$ 69.92	SESCL	SESCL	
		Subsequent Ordering Charge		68.84	SESBX	SESBX	
	(2)	Service Installation Charge		157.92	-	1EU2CX 1EU4CS	
	(3)	Design Change Charge		14.99	H28	H28	
5.7.2	(Reser	rved for Future Use)					
5.7.3	(Reserved for Future Use)						
5.7.4	<u>(Reser</u>	(Reserved for Future Use)					
5.7.5	Voiceband Facilities						
	(A) <u>Sta</u>	andard Arrangements					
			Monthly <u>Rate</u>	USOC	<u></u>	SEC.	
		(1) Special Transport (Per Airline Mile)	\$ 4.84	1LFSX		FSX FSX MP	
		(2) Special Access Line					
		Two-Wire	26.81	EUC2X 1XC2X X2W	EU	C2X	
		Four-Wire	42.90	EUC4X 1XC4X	EU	C4X	



X4W

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5.

- BY: Vice President Lexington, Kentucky
 - SPECIAL ACCESS (Continued)
- 5.7 <u>Rates and Charges</u>
- 5.7.5 <u>Voiceband Facilities</u> (Continued)

(B) Optional Arrangements

		Nonrecurring <u>Charge</u>	GSEC	Monthly <u>Rate</u>	<u>USOC/GSEC</u>
Supplemental Features					
(1)	Multi-Point Data Bridging (Per	¢ 100 (7		¢7.00	
(2)	Port) Voice Conference Bridging (Per	\$ 129.67	1B5NDJ	\$7.39	B5NDJ
(3)	Port) Alarm Distribution Bridging	127.81	1B5NVJ	8.17	B5NVJ
	Common Eqpt. Per Two-Wire	136.66	1BCNTA	33.36	BCNTA
(4)	Port Conditioning Arrangements-Data	16.91	1CNLRX	2.27	CNLRX
	Type C Type DA Type C -	76.72 101.43	1X1CPT 1XDCPT	1.46 1.91	X1CPT XDCPT
	Improved	248.98	1UHY; 1UHW; 1XCECM	34.39	UHY; UHW; XCECM
(5)	Signaling Arrangement Loop Signaling Range Extension,				
	Per SAL Loop or E&M to SF,	104.23	10SA	8.01	OSA
	per SAL E&M to DX,	99.26	10SB	16.75	OSB
	per SAL E&M to Loop	107.79	10SC	13.74	OSC
	per SAL Loop or E&M to PCM,	102.17	10SD	10.88	OSD
	per SAL Automatic Ringdown,	35.31	10SN	4.33	OSN
	per SAL	146.16	1XSSLR	11.64	XSSLE



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 Rates and Charges
- 5.7.5 <u>Voiceband Facilities</u> (Continued)

(B) Optional Arrangements (Continued)

		Nonrecurring <u>Charge</u>	GSEC	Monthly <u>Rate</u>	<u>USOC/GSEC</u>
(6)	Echo Control				
	Echo Suppression, per circuit Echo Canceller,	\$ 185.91	10E1	\$ 44.22	OE1
	per circuit	226.35	10RJ	26.80	ORJ
(7)	Voiceband Facility	170 77	41107	(50	
(0)	Switching Arrangement	173.77	1UST	6.50	UST
(8)	Dataphone Select- a-Station Bridging				
	Common Equipment				
	Addressable*				
	Sequential	3,975.75	-	256.15	BCNSP
(9)	Dataphone Select-				
	a-Station Bridging Each Four-Wire				
	Port*				
	Each Two-Wire				
	Port	76.18	-	6.09	DQ2
(10)	Improved Return Loss	07.50			
(11)	per SAL	87.59	11RL	3.14	1RL
(11)	Improved Termination Option, per SAL	92.88	1X4T	10.98	X4T
(12)	Improved ELEPL,	72.00	1741	10.70	741
、-/	per SAL	87.59	10RP	3.31	ORP

* This service offered as ICB in Section 5.6.5.



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issue By:	ED: July 17, 2006 Vice President Lexington, Kentuc	ky				EFFECTIVE: AUGUST 1, 2006	
5.	SPECIAL ACC	SPECIAL ACCESS (Continued)					
5.7	Rates and Cha	Rates and Charges (Continued)					
5.7.6	.7.6 Program Audio (200-3500 Hz) Facilities						
	(A) <u>Stan</u>	dard Arrangements					
		Monthly Rate	<u>USOC</u>	Daily	<u>y Rate</u>	USOC	
(1)	Special Transport (Per Airline Mile)	\$ 7.98	1LFSX	\$.80	1LFSX	
(2)	Special Access Line	26.81	EUCXX LCH	2	2.67	EUCXX LCH	
(B) Optional Arrangements							
		Nonrecurring <u>Charge</u>	<u>(D)</u>	Monthly <u>Rate</u>	Daily <u>Rate</u>	<u>USOC</u>	
(1)	(1) Supplemental Features						
	Program Audio Bridging (Per Port)	\$ 14.81	(D)	\$ 1.10(R)	\$.11	BCNPT	
	Conditioning-Program Audio-Zero Loss, Per SAL	n 53.75	(D)	10.64(R)	1.06	XZB	



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issue By:	D: July 17, 2006 Vice President Lexington, Kei				EFFECTIVE: AUGUST 1, 2006	ό
5.	SPECIAL /	ACCESS (Continued)				
5.7	Rates and	Charges (Continued)				
5.7.7	Program A	udio (100-5000 Hz) Facil	<u>ities</u>			
	(A) <u>S</u>	Standard Arrangements				
		Monthly Rate	<u>USOC</u>	Daily Rate	USOC	
(1)	Special Transport (Per Airline Mile)	\$ 13.88	1LFSX	\$ 1.39	1LFSX	
(2)	Special Access Line	44.93	EUCXX LCH	4.49	EUCXX LCH	

(B) Optional Arrangements

		Nonrecurring <u>Charge</u>	<u>(D)</u>	Monthly <u>Rate</u>	Daily <u>Rate</u>	USOC
(1)	Supplemental Feature	S				
	Program Audio Bridging (Per Port)	\$ 14.81	(D)	\$ 1.10	\$.11	BCNPT
	Conditioning-Program Audio-Zero Loss, per SAL	53.75	(D)	10.64	1.06	XZB



FACILITIES FOR INTRASTATE ACCESS

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5.	SPEC	AL ACCESS (Continued)			
5.7	Rates	and Charges (Continued)			
5.7.8	Progra	m Audio (50-8000 Hz) Facili	<u>ties</u>		
	(A)	Standard Arrangements			
		Monthly Rate	USOC	Daily Rate	USOC
(1)	Special Transı (Per Airline Mile)	port \$ 18.51	1LFSX	\$ 1.85	1LFSX
(2)	Special Acces Line	s 45.90	EUCXX LCH	4.59	EUCXX LCH
	(B)	Optional Arrangements			

		Nonrecurring <u>Charge</u>	<u>(D)</u>	Monthly <u>Rate</u>	Daily <u>Rate</u>	USOC
(1)	Supplemental F	eatures				
	Program Audio Bridging (Per Port)	\$ 14.81	(D)	\$ 1.10	\$.11	BCNPT
	Conditioning-Pi Zero Loss, per SAL	rogram Audio 53.75	(D)	10.64	1.06	XZB



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issue By:	ED: July 17, 2006 Vice Preside Lexington, k	ent			EFFECTIVE: AUGUST 1, 2006
5.	<u>SPECIA</u>	LACCESS (Continued)			
5.7	Rates ar	nd Charges (Continued)			
5.7.9	Program	n Audio (50-15000 Hz) Faci	lities		
	(A)	Standard Arrangements			
		Monthly Rate	USOC	Daily Rate	USOC
(1)	Special Transpo (Per Airline Mile)	rt \$ 27.76	1LFSX	2.78	1LFSX
(2)	Special Access Line	49.17	EUCXX LCH	4.92	EUCXX LCH

(B) Optional Arrangements

		Nonrecurring <u>Charge</u>	<u>(D)</u>	Monthly <u>Rate</u>	Daily <u>Rate</u>	<u>USOC</u>
(1)	Supplemental Features					
	Program Audio Bridging (Per Port) Conditioning-Program Audio	\$ 14.81	(D)	\$ 1.10	\$.11	BCNPT
	Stereo Conditioning, per SAL	48.86	(D)	1.18	.12	XSC
	Zero Loss, per SAL	53.75	(D)	10.64	1.06	XZB



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 Rates and Charges

5.7.10 High Capacity Digital DS1 (1.544) Mbps) Facilities

(A) Standard Arrangements

		Nonrecurring Charge	<u>GSEC</u>	Monthly <u>Rate</u>	<u>USOC</u>	<u>GSEC</u>
(1)	Special Access Line First System	\$900.00	1EUW	\$302.50	EUW 1XCDX	EUW
	Each Additional System	130.00	1EU8	130.00	EU8 1XCAX	EU8
(2)	Special Transport Termination	-	-	40.00	TRG	TRG
(3)	Special Transport (Per Airline Mile)	-	-	14.32	1LFSX	1LFSXD1 1LFSXD1 MP
	(B) Optional Arrangements					
		Nonrecurring <u>Charge</u>	<u>GSEC</u>	Monthly <u>Rate</u>	<u>USOC</u>	GSEC
(1)	Supplemental Features					
	Automatic Protection Switching	\$ 777.87	1APP	\$ 121.90	APP	APP
(2)	MetroLAN – Special Transport, per DS1	-	-	75.00	10XTX	-
	(C) DS1 Optional Payment Plan					

(1) First System DS1 Special Access Line

	Monthly Rate	<u>USOC</u>	<u>GSEC</u>
One Year	\$290.00	EU4CX; 1CKCX	EU4CX
Three Year	250.00	EU4AX; 1CKAX	EU4AX
Five Year	210.00	EU4BX; 1CKBX	RECEIVED

7/17/2006 PUBLIC SERVICE COMMISSION OF KENTUCKY

ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 5. SPECIAL ACCESS (Continued) 5.7 Rates and Charges 5.7.11 *High Capacity Digital DS3 (44.736 Mbps) Facilities (A) One Year Rate Plan - DS3 - Protected (1) First Protected DS3 - Three Capacity System Special Access Line Each Additional 1/4 Airline Mile First 1/4 Airline Mile Nonrecurring Monthly Nonrecurring Monthly Charge Rate Charge Rate (EU4PF; 1CKPF) (EU4PA; 1CKPA) \$3,280.42 \$158.70 \$2,500.00(R) \$ 200.00 (2) Each Additional Protected DS3 - Maximum of 2 - Three Capacity System Special Access Line Nonrecurring Monthly Charge Rate (EU4SX; 1CKSX) \$400.00 \$277.73 (3) First Protected DS3 - Twelve Capacity System Special Access Line Each Additional 1/4 Airline Mile First 1/4 Airline Mile Nonrecurring Nonrecurring Monthly Monthly Charge Rate Charge Rate (EU4PF; 1CKPF) (EU4PA; 1CKPA)

\$6,596.64

\$200.00

\$158.70

*DS1C Service offered as ICB in Section 5.6.5.

\$4,500.00



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 Rates and Charges
- 5.7.11 <u>*High Capacity Digital DS3 (44.736 Mbps) Facilities</u> (Continued)
 - (A) <u>One Year Rate Plan DS3 Protected</u> (Continued)
 - (4) Each Additional Protected DS3 Maximum of 11 Twelve Capacity System

	Spe	ecial Access Line
Non	recurring	Monthly
Cl	narge	Rate
\$	\$400.00	(EU4SX; 1CKSX) \$287.40
	a .	

(5) Individual - Noncapacity System

Each Special Access Line				
		Each A	dditional	
First 1/4 Airline Mile		1/4 Air	line Mile	
Nonrecurring	Monthly	Nonrecurring	Monthly	
Charge	Rate	Charge	Rate	
\$ 900.00	(EU4PF; 1CKPF) \$1,297.18	\$30.00	(EU4PA; 1CKPA) \$21.28	



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 Rates and Charges
- 5.7.11 <u>*High Capacity Digital DS3 (44.736 Mbps) Facilities</u> (Continued)
 - (B) Three-Year Rate Plan DS3 Protected
 - (1) First Protected DS3 Three Capacity System

	Special Ac	cess Line			
First 1/4 Air	line Mile		Additional line Mile		
Nonrecurring	Monthly	Nonrecurring	Monthly		
Charge	Rate	Charge	Rate		
(E	EU4PF; 1CKPF)		(EU4PA; 1CKPA)		
\$2,500.00	\$2,844.97	\$ 200.00	\$93.86		
(2) <u>Each Additional</u> <u>2 - Three Capaci</u>		<u>kimum of</u>			
	Special Access Line				
-	Nonrecurring	-	Monthly		
	Charge		Rate		
		(EU	4SX; 1CKSX)		
	\$400.00	,	\$198.38		
(3) <u>First Prote</u>	cted DS3 - Twelve C	Capacity System			
	Special Acce	ss Line			
			Additional		
First 1/4 Air			line Mile		
Nonrecurring	Monthly	Nonrecurring	Monthly		

Charge	Rate_	Charge	Rate
\$4,500.00	(EU4PF; 1CKPF) \$5,677.35	\$200.00	(EU4PA; 1CKPA) \$93.86



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 Rates and Charges
- 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)

_

- (B) <u>Three-Year Rate Plan DS3 Protected</u> (Continued)
 - (4) <u>Each Additional Protected DS3 Maximum of</u> <u>11 - Twelve Capacity System</u>

Special Ac	ccess Line
Nonrecurring	Monthly
<u>Charge</u>	Rate
	(EU4SX; 1CKSX)
\$400.00	\$206.11

(5) Individual - Noncapacity System

Each Special Access Line			
		Each A	dditional
First 1/4	Airline Mile	1/4 Air	ine Mile
Nonrecurring	Monthly	Nonrecurring	Monthly
Charge	Rate	Charge	Rate
\$ 900.00	(EU4PF; 1CKPF) \$1,014.42	\$30.00	(EU4PA; 1CKPA) \$12.58



\$4,500.00

\$5,460.59

ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 5. SPECIAL ACCESS (Continued) 5.7 Rates and Charges 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued) (C) Five-Year Rate Plan - DS3 - Protected (1) First Protected DS3 - Three Capacity System Special Access Line Each Additional 1/4 Airline Mile First 1/4 Airline Mile Nonrecurring Nonrecurring Monthly Monthly Charge Rate Charge Rate (EU4PF; 1CKPF) (EU4PA; 1CKPA) \$2,500.00 \$82.25 \$2,741.42 \$ 200.00 (2) Each Additional Protected DS3 - Maximum of 2 - Three Capacity System Special Access Line Nonrecurring Monthly Charge Rate (EU4SX; 1CKSX) \$400.00 \$181.92 First Protected DS3 - Twelve Capacity System (3) **Special Access Line** Each Additional First 1/4 Airline Mile 1/4 Airline Mile Nonrecurring Monthly Nonrecurring Monthly Charge Rate Charge Rate (EU4PF; 1CKPF) (EU4PA; 1CKPA)

\$200.00

\$82.25



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ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 5. SPECIAL ACCESS (Continued) 5.7 Rates and Charges 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued) (C) Five-Year Rate Plan - DS3 - Protected (Continued) (4) Each Additional Protected DS3 - Maximum of 11 - Twelve Capacity System Special Access Line Nonrecurring Monthly Charge Rate (EU4SX; 1CKSX) \$400.00 \$191.60 (5) Individual - Noncapacity System Each Special Access Line Each Additional First 1/4 Airline Mile 1/4 Airline Mile Nonrecurring Monthly Nonrecurring Charge Rate Charge (EU4PF; 1CKPF) (EU4PA; 1CKPA) \$ 900.00 \$937.88 \$30.00



Monthly

Rate

\$10.65

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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)

(2)

- 5.7 Rates and Charges
- 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (D) <u>Seven-Year Rate Plan DS3 Protected</u>
 - (1) First Protected DS3 Three Capacity System

		Special Acce	ss Line	
	First 1//	Airline Mile	Each Additional 1/4 Airline Mile	
	Nonrecurring Charge	Monthly <u>Rate</u>	Nonrecurring Charge	Monthly <u>Rate</u>
	\$2,500.00	(EU4PF; 1CKPF) \$2,644.65	\$200.00	(EU4PA; 1CKPA) \$77.41
2)	Each Additional 2 - Three Capac	Protected DS3 - Maximum of ity System		
		Special Access I	Line	
		Nonrecurring	Monthly	
		<u>Charge</u>	Rate	
		\$400.00	(EU4SX; 1CKSX) \$172.25	
(3)	First Protected D	0S3 - Twelve Capacity System		
		Special Acces	ss Line	
	Eirct 1//	Airline Mile_		h Additional Airline Mile
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	Rate	<u>Charge</u>	Rate
	\$4,500.00	(EU4PF; 1CKPF) \$5,261.25	\$200.00	(EU4PA; 1CKPA) \$77.41



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ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 5. SPECIAL ACCESS (Continued) 5.7 Rates and Charges 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued) (D) Seven-Year Rate Plan - DS3 – Protected (Continued) (4) Each Additional Protected DS3 - Maximum of 11 - Twelve Capacity System Special Access Line Nonrecurring Monthly Charge Rate (EU4SX; 1CKSX) \$400.00 \$181.92 (5) Individual - Noncapacity System Each Special Access Line Each Additional First 1/4 Airline Mile 1/4 Airline Mile Nonrecurring Monthly Nonrecurring Monthly Charge Charge Rate Rate (EU4PF; 1CKPF) (EU4PA; 1CKPA) \$ 900.00 \$30.00 \$898.85 \$10.65



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ISSUED: July 17, 2006 BY: Vice President

Lexington, Kentucky

- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u>
- 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (E) Multiplexer Cross Connect Arrangement, Per Arrangement

Nonrecurring <u>Charge</u>

> (CX911) \$65.00



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (F) <u>Special Transport</u>

Each Termination Per DS3	Each Airline Mile Per DS3*
Monthly	Monthly
<u>Rate</u>	<u>Rate</u>
(TRG)	(1LFSX)
\$300.00	\$ 60.00

* The above special transport rate shall apply for each airline mile per DS3, except as noted in Section 5.9.



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	Vice Pres					EFFECTIVE: AUGUST 1, 2006
5.	<u>SPE</u>	CIAL ACCES	<u>6</u> (Continued)	1		
5.7	Rate	s and Charge	s (Continued)	1		
5.7.12	<u>High</u>	Capacity Digi	tal DS3 (44.7	36 Mbps) Facilities		
	(A)	One Yea	r Rate Plan -	DS3 - Unprotected		
		(1)	First Unprot	ected DS3 - Three Capacit	<u>y System</u>	
			Special Acc	ess Line		
			First 1/4	4 Airline Mile		n Additional Airline Mile
			recurring large	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
		\$2,5	00.00	(EU4UF; 1CKUF) \$2,615.62	\$ 200.00	(EU4UA; 1CKUA) \$84.19
		(2)		onal Unprotected DS3 - Ma apacity System	iximum of	
			_	Special Access		
				Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>	
				\$400.00	(EU4TX; 1CKTX) \$214.13	
		(3)	<u>First Unprot</u> System	ected DS3 - Twelve Capac	ity	
				Special Acc		Additional
			First 1/4 Ai		1/4 /	Airline Mile
			recurring large	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
		\$4,5	00.00	(EUCUF; 1CKUF) \$4,284.87	\$200.00	(EU4UA; 1CKUA) \$84.19



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (A) One Year Rate Plan DS3 Unprotected (Continued)
 - (4) Each Additional Unprotected DS3 Maximum of 11 Twelve Capacity System

		Specia	I Access Line	
	Nonrecur	ring		Monthly
	<u>Charge</u>	2		Rate
				(EU4TX; 1CKTX)
	\$400.00			\$227.40
(5) <u>Individual</u>	- Noncapacity	<u>v System</u>		
		Each Special A	ccess Line	
		·	Ea	ch Additional
First 1/4 A	rline Mile		1/4	<u>Airline Mile</u>
Nonrecurring	Monthly		Nonrecurring	Monthly
Charge	Rate		Charge	Rate

	(EU4UF; 1CKUF)		(EU4UA; 1CKUA)
\$ 900.00	\$891.09	\$30.00	\$10.65



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)

(B) <u>Three-Year Rate Plan - DS3 - Unprotected</u>

(1) First Unprotected DS3 - Three Capacity System

	Special Access Line			
First 1/4 Air	line Mile		h Additional Airline Mile	
Nonrecurring Charge	Monthly <u>Rate</u>	Nonrecurring Charge	Monthly Rate	
\$2,500.00	(EU4UF; 1CKUF) \$2,212.10	\$200.00	(EU4UA; 1CKUA) \$49.35	
	ditional Unprotected D e Capacity System	<u>S3 - Maximum of</u>		
	Spec	ial Access Line		
-	Nonrecurring	Month	5	
	Charge	Rate	-	
	\$400.00	(EU4TX; 10 \$140.2		
(3) <u>First Unp</u> <u>System</u>				
	Spec	ial Access Line		
			Additional	
<u>First 1/4 /</u> Nonrecurring	<u>Airline Mile</u> Monthly	<u>1/4 A</u> Nonrecurring	<u>irline Mile</u> Monthly	
<u>Charge</u>	Rate	<u>Charge</u>	Rate	
\$4,500.00	(EU4UF; 1CKUF) \$3,614.27	\$200.00	(EU4UA; 1CKUA) \$49.35	



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)

(5)

- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (B) <u>Three-Year Rate Plan DS3 Unprotected</u> (Continued)
 - (4) Each Additional Unprotected DS3 Maximum of 11 Twelve Capacity System

Specia	al Access Line	
Nonrecurring	Monthly	y
Charge	Rate	
\$400.00	(EU4TX; 10 \$149.02	CKTX)
Individual - Noncapacity System		
Each	Special Access Line	
	Each Add	itional
 First 1/4 Airline Mile	1/4 Airli	ne Mile
Nonrecurring Monthly	Nonrecurring	Monthl

Nonrecurrii	ng Monthly	Nonrecurring	Monthly
<u>Charge</u>	<u>Rate</u>	<u>Charge</u>	<u>Rate</u>
\$ 900.00	(EU4UF; 1CKUF) \$659.69	\$30.00	(EU4UA; 1CKUA) \$5.81



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)

(C) Five-Year Rate Plan - DS3 - Unprotected

(1) First Unprotected DS3 - Three Capacity System

Special Access Line			
	tultu a NAtla		dditional
<u>First 1/4 A</u> Nonrecurring	Monthly	<u>1/4 Airli</u> Nonrecurring	<u>ne ivilie</u> Monthly
<u>Charge</u>	Rate	<u>Charge</u>	Rate
	(EU4UF; 1CKUF)		(EU4UA; 1CKUA)
\$2,500.00	\$2,035.98	\$ 200.00	\$42.58
	ditional Unprotected D e Capacity System	<u> S3 - Maximum of</u>	
	Specia	Access Line	
	Nonrecurring	Monthl	у
	<u>Charge</u>	Rate	
		(EU4TX; 1C	KTX)
	\$400.00	\$123.5	4
(3) First Unprotected DS3 - Twelve Capacity			
System			
	Snecial	Access Line	
	Opecial		Additional
First 1/4 Ai			irline Mile_
Nonrecurring	Monthly	Nonrecurring	Monthly
Charge	Rate	<u>Charge</u>	Rate
	(EU4UF; 1CKUF)		(EU4UA; 1CKUA)
\$4,500.00	\$3,461.37	\$200.00	\$42.58



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (C) <u>Five-Year Rate Plan DS3 Unprotected</u> (Continued)

(4) Each Additional Unprotected DS3 - Maximum of 11 - Twelve Capacity System

Specia	l Access Line
Nonrecurring	Monthly
Charge	Rate
\$400.00	(EU4TX; 1CKTX) \$133.54

(5) Individual - Noncapacity System

	Each Special Access Line			
_			Each	Additional
	First 1/4	Airline Mile	1/4 Ai	rline Mile
	Nonrecurring	Monthly	Nonrecurring	Monthly
	Charge	Rate	Charge	Rate
	\$ 900.00	(EU4UF; 1CKUF) \$601.50	\$30.00	(EU4UA; 1CKUA) \$5.81



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (D) Seven-Year Rate Plan DS3 Unprotected
 - (1) First Unprotected DS3 Three Capacity System

Special Access Line			
	·		dditional
First 1/4 A	<u>Airline Mile</u>	1/4 Airli	ne Mile
Nonrecurring	Monthly	Nonrecurring	Monthly
Charge	Rate	Charge	Rate
	(EU4UF; 1CKUF)		(EU4UA; 1CKUA)
\$2,500.00	\$1,986.64	\$ 200.00	\$40.64
(2) Each A	dditional Unprotected D	S3 - Maximum of	
	e Capacity System		
<u> </u>	<u>e eupasitj ejetem</u>		
	Special Acce	essline	
	Nonrecurring	Monthly	1
	Charge	Rate	
	Charge	Nale	
		(EU4TX; 1Cł	(TY)
	\$400.00	(LU41X, TCF \$115.74	•
	\$400.00	\$113.74	ł
(2) Eirot Lin	protected DC2 Twolur	Canadity	
	protected DS3 - Twelve	e Capacity	
<u>System</u>			
	Caracial Assoc		
	Special Acces		A . . '. '
			Additional
<u>First 1/4 Airlin</u>			rline Mile
Nonrecurring	Monthly	Nonrecurring	Monthly
Charge	Rate	Charge	Rate
	(EU4UF; 1CKUF)		(EU4UA; 1CKUA)
\$4,500.00	\$3,331.71	\$200.00	(LU40A, TCKUA) \$40.64
\$4,000.00	\$3,331./I	\$ZUU.UU	ΨU.U4



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities (Continued)
 - (D) Seven-Year Rate Plan DS3 Unprotected (Continued)

_

(4) Each Additional Unprotected DS3 - Maximum of 11 - Twelve Capacity System

Special Acces	ss Line
Nonrecurring	Monthly
Charge	Rate
	(EU4TX; 1CKTX)

\$124.83

(5) Individual - Noncapacity System

\$400.00

Each Special Access Line			
		Each Addi	tional
First 1/4 Ai	<u>rline Mile</u>	1/4 Airline	Mile
Nonrecurring	Monthly	Nonrecurring	Monthly
Charge	Rate	Charge	Rate
	(EU4UF; 1CKUF)	¢20.00	(EU4UA; 1CKUA)
\$ 900.00	\$572.88	\$30.00	\$4.84



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.13 High Capacity Digital FT1 Facilities (Continued)

Rates and Charges

(A) <u>Standard Arrangement</u>

		Nonrecurring <u>Charge</u> (GSEC: NEU4KX)	Monthly Rate	<u>USOC</u>	<u>_GSEC</u>
(1)	Special Access Line	\$225.00			
	2 x 56 Kbps (or) 2 x 64 Kbps		\$103.78	EU4JX2 1CKJX	EU4JX2
	4 x 56 Kbps (or) 4 x 64 Kbps		111.59	EU4JX4 1CKJX	EU4JX4
	6 x 56 Kbps (or) 6 x 64 Kbps		119.39	EU4JX6 1CKJX	EU4JX6
(2)	Special Transport Term	ination			
	2 x 56 Kbps (or) 2 x 64 Kbps		\$ 12.00	TRGFT1-2	TRGFT1-2
	4 x 56 Kbps (or) 4 x 64 Kbps		18.00	TRGFT1-4	TRGFT1-4
	6 x 56 Kbps (or) 6 x 64 Kbps		24.00	TRGFT1-6	TRGFT1-6
(3)	Special Transport (Per	Airline Mile)			
	2 x 56 Kbps (or) 2 x 64 Kbps		\$ 5.50	1LFSX	1LFSXFT1-2 1LFSXFT1-2 MP
	4 x 56 Kbps (or) 4 x 64 Kbps		6.50	1LFSX	1LFSXFT1-4 1LFSXFT1-4 MP
	6 x 56 Kbps (or) 6 x 64 Kbps		7.50	1LFSX	1LFSXF T1-0



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.13 <u>High Capacity Digital FT1 Facilities</u> (Continued)

Rates and Charges (Continued)

(B) <u>FT1 Optional Payment Plan</u>

			One Year Monthly	Three Year Monthly	Five Year Monthly
(1)	Special Access Line	(USOC) (USOC)	<u>Rate</u> (EU4KX) (1CKKX)	<u>Rate</u> (EU4KX) (1CKKX)	<u>Rate</u> (EU4KX) (1CKKX)
	2 x 56 Kbps (or)	, , , , , , , , , , , , , , , , , , ,	, , ,		· · ·
	2 x 64 Kbps	(GSEC)	\$ 100.00 (EU4KX2-1)	\$ 90.00 (EU4KX2-3)	\$ 80.00 (EU4KX2-5)
	4 x 56 Kbps (or)	, , , , , , , , , , , , , , , , , , ,	· · · ·	· · · · ·	
	4 x 64 Kbps	(GSEC)	110.00 (EU4KX4-1)	99.00 (EU4KX4-3)	88.00 (EU4KX4-5)
	6 x 56 Kbps (or)	()	· · · ·		· · · · ·
	6 x 64 Kbps	(GSEC)	119.00 (EU4KX6-1)	107.10 (EU4KX6-3)	95.20 (EU4KX6-5)

5.7.14 High Capacity Digital FiberConnect (6.312 Mbps) Facilities

(A) FiberConnect Optional Payment Plan

Special Access Line - Electrical Interface

Nonrecurring <u>Charge</u> (GSEC: NEU4GX)	(USOC/GSEC) (USOC)	One Year Monthly <u>Rate</u> (EU4GX-1) (1CKGX)	Three Year Monthly <u>Rate</u> (EU4GX-3) (1CKGX)	Five Year Monthly <u>Rate</u> (EU4GX-5) (1CKGX)
\$2,850.00		\$1,250.00	\$1,125.00	\$1,000.00

(B) FiberConnect Optional Payment Plan

Special Access Line - Optical Interface

	Nonrecurring Charge		One Year Monthly Rate	Three Year Monthly Rate
	(GSEC: NEU4HX)	(USOC/GSEC)	(EU4HX-1)	(EU4HX-3)
		(USOC)	(1CKHX)	(1CKHX)
\$2,600.00			\$1,025.00\$ 922.50	\$ 820.00

Five Year Monthly <u>Rate</u> (EU4HX-5) (1CKHX)



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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.15 Digital Data Service Facilities

(A) <u>Standard Arrangements</u>

		Nonrecurring <u>Charge</u> (USOC: NRBDD) (GSEC: NRBDD)	Monthly <u>Rate</u>	<u>USOC</u>	GSEC
(1)	Special Access Line	\$ 144.49			
	2.4 Kbps		\$ 70.00	EUCXX LCH	EUCXX
	4.8 Kbps		70.00	EUCXX	EUCXX
	9.6 Kbps		70.00	EUCXX	EUCXX
	19.2 Kbps		86.00	EUCXX LCH	EUCXX
	56 Kbps		86.00	EUCXX LCH	EUCXX
	64 Kbps		86.00	EUCXX LCH	EUCXX
(2)	Special Transport (Per Airline Mile)				
	2.4 Kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP
	4.8 Kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP
	9.6 Kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP
	19.2 kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP
	56 Kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP
	64 Kbps		6.36	1LFSX	1LFSXDDS; 1LFSXDDS MP



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ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 5. SPECIAL ACCESS (Continued) 5.7 Rates and Charges (Continued) 5.7.15 Digital Data Service Facilities (Continued) (B) **DDS Optional Payment Plan** (1) Special Access Line All Speeds Nonrecurring 2.4, 4.8, 9.6, 19.2 Kbps Monthly Rates Charge 1 Year 3 Year 5 Year MRC MRC MRC (SLHF5) (USOC) (SLHF1) (SLHF3) (USOC) (LCYF1) (LCYF3) (LCYF5) (GSEC) (EUCXX12) (EUCXX36) (EUCXX60) \$.00 \$80.00 \$70.00 \$60.00 56, 64 Kbps Monthly Rate 1 Year 3 Year 5 Year MRC (SLHF5) MRC MRC (SLHF3) (USOC) (SLHF1) (USOC) (LCYF1) (LCYF3) (LCYF5) (EUC56-36) (EUC56-60) (GSEC) (EUC56-12) \$.00 \$96.00 \$86.00 \$76.00 (C) **Optional Arrangements** Nonrecurring Monthly Charge GSEC Rate USOC/GSEC (1) Supplemental Features (a) **DDS Bridging** (Per Port) \$ 9.56 \$14.65 1BCNDA BCNDA (b) Secondary Channel SCA24 64.19 1SCA24 7.77 1SCA48 SCA48 SCA56 1SCA56 1SCA96 SCA96



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- 3Y: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.7 <u>Rates and Charges</u> (Continued)
- 5.7.16 <u>Multiplexing Arrangements</u>

		Nonrecurring		Monthly		
		Charge	GSEC	Rate	<u>USOC</u>	<u>GSEC</u>
(1)	Voiceband to					
	Narrowband	\$7,258.10	1MQX	\$575.17	MQX	MQX
(2)	DS1 to Voice	860.64	1MQ1	190.00	MQ1	MQ1
(3)	DS1C to Voice*					
(4)	DS1C to DS1*					
(5)	DS3 to DS1	450.00	-	370.62	MQ3	-
(6)	Digital Data Carrier					
	Multiplexer	1,451.61	1QMU	581.37	QMU	QMU
(7)	Digital Data Subrate					
	Multiplexer					
	One 64 Kbps to					
	twenty 2.4 kbps	981.33	1QSU24	177.83	QSU24	QSU24
	One 64 Kbps to					
	ten 4.8 kbps	878.53	1QSU48	122.85	QSU48	QSU48
	One 64 Kbps to					
	five 9.6 kbps	707.57	1QSU96	105.73	QSU96	QSU96



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- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.8 <u>Miscellaneous Special Access Services</u>
- 5.8.1 <u>Clear Channel Capability</u>
 - (A) <u>Description of Service</u>

An arrangement that allows the customer to transport 1.536 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) method of providing bit sequence independence. This arrangement is capable of transporting DS1 signals which utilize Superframe or Extended Superframe Format (ESF) as defined by the American National Standards Institute (ANSI) T1.107-1988 standard. The installation interval for Clear Channel Capability may exceed standard intervals where equipment in the central office is not readily available. The charges apply on a per SAL basis.

This arrangement requires the customer signal at the channel interface to conform to the B8ZS method of providing bit sequence independence, as described in ANSI T1.102-1987 and Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

(B) <u>Rates</u>

Nonrecurring <u>Charge</u> \$90.00 Monthly <u>Rate</u> \$23.22

USOC/GSEC CCO



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5.	SPECIAL ACCESS (Continued)		
5.9	Individual Case Basis Rates and Charges		
5.9.1	<u>Ashland Oil</u> Ashland Drive Ashland, Kentucky 3499 Dabney Drive Lexington, Kentucky		
	Description		
	Special arrangement to provide DS3 special transport between Ashland, Kentucky	and Lexington, k	Kentucky.
	Monthly Rate (USOC: PLSAKYASH)		
	\$55.00 each airline mile per DS3		
5.9.2	LCI International		KY9601025
	Description		
	Special arrangement to provide Customer Network Control & Management for LCI	International. T	he contract period
	for this service is 5 years.	Monthly <u>Rate</u>	<u>USOC</u>
	Customer Network Control DS0, each DS1, each DS3, each	\$ 15.00 35.00 125.00	1ZZBK 1ZZBL 1ZZBM
	REACT Testing DS0, each DS1, each DS3, each	10.00 25.00 100.00	1ZZBN 1ZZBO 1ZZBP
	Subrate Muxing & Bridging - MJU Per DS1 - SRDM per DS1	30.00 40.00	1ZZBQ 1ZZBR
	Echo Cancellation, per DS1	250.00	1ZZBT
	Intraoffice DACS Ports, DS1, each DS3, each	75.00 490.00	1ZZBV 1ZZBU
		. F.	

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- BY: Vice President Lexington, Kentucky
- 5. <u>SPECIAL ACCESS</u> (Continued)
- 5.9 Individual Case Basis Rates and Charges
 - 5.9.3 (Reserved for Future Use)



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6. MISCELLANEOUS SERVICES

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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.1 <u>General</u>

Miscellaneous Services available to the customer include the following:

- (A) Additional Labor (i.e., Overtime Installation, Overtime Repair, Additional Installation Testing, Standby, Testing and Maintenance with Other Telephone Companies)
- (B) Maintenance of Service
- (C) Telecommunications Service Priority (TSP) System
- (D) Balloting and Allocation Process for Equal Access
- (E) Additional Testing
- (F) Provision of FIA Billing Information
- (G) End User List
- (H) Billing Name and Address Service

These services are described in detail as set forth in 6.2 through 6.9 following.

6.2 <u>Additional Labor</u>

Additional Labor is that labor requested by the customer on a given FIA and agreed to by the Telephone Company as set forth in (A) through (E) following. The Telephone Company will notify the customer that Additional Labor charges as set forth in (G) following will apply before any Additional Labor is undertaken. Additional Labor charges will also apply if the requirement for the Additional Labor is the fault of the customer or parties on whose behalf it acts.

(A) Overtime Installation (USOC - ALH)

Overtime installation is that Telephone Company installation effort outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Telephone Company approved holidays. For applicable holidays in each jurisdiction contact the General Customer Services Tariff.



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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Lexington, Kentucky

- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.2 <u>Additional Labor</u> (Continued)
 - (B) <u>Overtime Repair</u> (USOC ALH)

Overtime repair is Telephone Company repair which could have been performed during the normal business day, but that is delayed at the specific request of the customer to a later time period which is outside the normal business day or to a weekend day or holiday. The request will result in the application of overtime rates anytime outside the business day and all day Saturday. Premium time rates will apply on Sunday and Telephone Company approved holidays. These rates, as set forth in Section 6.2 following, will only apply when where is a delay of repair at the request of the customer to the time periods stated above.

(C) Additional Installation Testing (USOC - ALH)

Additional installation testing is that testing performed by the Telephone Company at the time of installation which is in addition to normal preservice and acceptance testing.

(D) <u>Standby</u> (USOC - ALT)

Standby includes all time in excess of one-half (1/2) hour during which Telephone Company personnel are available to make coordinated tests on a given FIA. The standby charge applies only when Telephone Company personnel must wait more than 30 minutes beyond a prearranged, mutually agreed appointment time. Standby charges will cease when testing begins, or when Telephone Company personnel are released from the standby requirement, or when testing is rescheduled for a later date or time. Charges will not be applicable if Telephone Company personnel cause the delay.

(E) <u>Testing and Maintenance with Other Telephone Companies</u> (USOC - ALK)

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

(F) (Reserved for Future Use)



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BY: Vice President Lexington, Kentucky

6. MISCELLANEOUS SERVICES (Continued)

6.2 <u>Additional Labor</u> (Continued)

(G) Charges for Additional Labor

		First Half Hour or Fraction <u>Thereof</u>	<u>USOC</u>	<u>GSEC</u>	Each Additional Half Hour or Fraction <u>Thereof</u>	<u>USOC</u>	<u>GSEC</u>
(1)	Labor Periods		UBCXT			UBCXT	
	Basic Time, Business Day, Per Technician	\$29.41	ALH USMXT ALT USSXT ALK SNTXT SNOXT	ALH ALT ALK	\$ 20.27	ALHA USMXT ALTA USSXT ALKA SNTXT SNOXT	alha Alta Alka
	Overtime, Outside the Busi- ness Day, Per Technician*	33.77	UBCOT ALHO USMOT ALTO USSOT ALKP SNTOT SNOOT	ALHO ALTO ALKP	22.29	UBCOT ALHOA USMOT ALTOA USSOT ALKPA SNTOT SNOOT	alhoa Altoa Alkpa
	Premium Time, Out- side the Business Day, Per Technician*	40.69	UBCPT ALHP USMPT ALTP USSPT ALKP SNTPT SNOPT	ALHP ALTP ALKP		UBCPT ALHPA USMPT ALTPA USSPT ALKPA SNTPT SNOPT	alhpa Altpa Alkpa



A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four SERVICE hours.

FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.3 <u>Maintenance of Service Charge</u> (USOC MVV)
 - (A) When a customer reports trouble to the Telephone Company for clearance, the customer shall be responsible for payment of a Maintenance of Service Charge when Telephone Company personnel are dispatched to the customer's location and no trouble is found in the Telephone Company's facilities. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

In this case, or in (B) following, no credit allowance will be applicable for the interruption involved, unless the trouble is found in the Telephone Company's facilities.

- (B) The customer shall be responsible for payment of a Maintenance of Service Charge when the Telephone Company dispatches personnel to the customer's location and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.
- (C) The Maintenance of Service Charge time period will begin when Telephone Company personnel are dispatched. This will only include the actual time required to reach the customer's location and perform an investigation. The time period will end when the investigation is finished. The labor charge as set forth in 6.2 (G) preceding will apply to Maintenance of Service at the appropriate Basic, Overtime or Premium rate. These charges apply whether the trouble is in the equipment of communications systems provided by other than the Telephone Company, or in detariffed CPE provided by the Telephone Company.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.4 <u>Telecommunications Service Priority (TSP) System</u>

(A) <u>Description of the Service</u>

The TSP System is a service that provides for the priority provisioning and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services. The TSP System applies only to NSEP services, includes both Switched and Special FIA and provides the Telephone Company with a guide to the sequence in which services are to be provisioned and/or restored.

All FIA that can be identified by a unique circuit identifier can be provisioned for NSEP service by the Telephone Company.

The rates and charges associated with a customer subscribing to the TSP System are as specified in Section 6.4(G).

(B) Obtaining TSP System Service

The Executive Office of the President through the TSP Program Office, is empowered with the authority to receive, evaluate and process requests for NSEP services. The TSP Program Office makes the priority level assignments and issues the TSP authorization code reflecting the priority assignment associated with a request. The customer provides the TSP authorization code, in addition to all the other details necessary to complete the order (ASR) to the Telephone Company to obtain TSP System service.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.4 Telecommunications Service Priority (TSP) System (Continued)

(B) <u>Obtaining TSP System Service</u> (Continued)

The TSP authorization code, assigned on a per ASR basis, consists of a 12-character field consisting of a nine-character control ID followed by a dash and a two-character field specifying the priority level assignment. Its structure is as follows:

TSPxxxxxn-yy

The "x"s represent a sequence of numbers unique to each TSP authorization code and the "n" is a one character alphanumeric check digit. The first "y" contains the provisioning priority level assignment and the second "y" contains the restoration priority level assignment.

(C) <u>Provisioning Priority</u>

If the customer requires service within a shorter time interval than the Telephone Company can provide, and the requested service qualifies for NSEP, the customer may elect to invoke NSEP Treatment and obtain the appropriate provisioning priority assignment from the TSP Program Office. Acceptable assignment code values are: E, 1, 2, 3, 4, 5 or 0.

The assignment of the value "E" denotes Emergency Provisioning and implies the service has the most critical provisioning requirements and the Telephone Company will respond accordingly. The Telephone Company will take immediate action to provide the requested service at the earliest possible date. Rates and charges associated with "E" provisioning are as specified in Section 6.4(G)(2)(a).

The assignment values of 1, 2, 3, 4 and 5 are treated as essential service priorities and the Company will adjust its available resources to meet the customer's requested due date. Rates and charges associated with invoking this priority treatment are specified in Section 6.4(G)(2)(b). The value "0" implies no provisioning priority.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.4 <u>Telecommunications Service Priority (TSP) System (Continued)</u>

(D) <u>Restoration Priority</u>

A TSP authorization code for restoration priority classifies the service as being among the nation's most important NSEP telecommunications services. The Company will restore these services before services without restoration priority assignments in the order of priority assignments. Acceptable values are: 1, 2, 3, 4, 5 or 0 with the value of "1" being the highest priority.

When the Company recognizes a TSP as being out of service, unusable or receives a trouble report, available resources will be dispatched to restore the service as quickly as practicable. A priority value of 1, 2, or 3 requires dispatch outside normal business hours if necessary to restore the service. A priority value of 4 or 5 only requires dispatch outside of normal business hours if the next business day is more than 24 hours away. If the value "0" has been assigned, then no restoration priority is applicable to this service.

The minimum period for service is one month.

- (E) Obligations of the Customer
 - (1) In all instances, the customer is responsible for obtaining the appropriate TSP authorization code and providing that code to the Telephone Company.
 - (2) The TSP System service customer must also be the customer for the FIA with which TSP service is associated. Only the customer or its authorized agent as indicated in a letter of agency on file with the Telephone Company is allowed to order TSP System service.
 - (3) All points of a multipoint service configuration must have the same restoration priority assignment and must satisfy the requirements of that assignment.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.4 <u>Telecommunications Service Priority (TSP) System</u> (Continued)
 - (E) <u>Obligations of the Customer</u> (Continued)
 - (4) In obtaining TSP System service, the customer consents to the release of certain information by the Telephone Company to the federal government in order to maintain and administer the TSP System. Such information includes: the customer's name, telephone number and mailing address, the TSP authorization code and the circuit or service ID number associated with the NSEP service.
 - (5) The Telephone Company will attempt to notify the customer of expected charges. The customer when invoking NSEP Treatment, recognizes that quoting charges and obtaining permission beforehand may not be practicable and may cause unnecessary delays and, as a result, grants the Telephone Company the right to quote and bill charges after provisioning of the service.
 - (6) During certain emergencies, the customer may request TSP assignments verbally and the Telephone Company will accept such verbal notification. The customer must submit a written order (ASR) to the Telephone Company within two working days following the verbal request. If the written order (ASR) is not received within two working days, all applicable rates and charges accumulated to date to provision TSP System service, become immediately due and payable and the requested TSP priority is revoked.
 - (7) The customer must request and justify revalidation of all priority level assignments at least every three years.
 - (8) Additionally, the NCS Manual 3-1-1, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990 prescribes specific conditions which warrant NSEP Treatment and related procedures.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.4 Telecommunications Service Priority (TSP) System (Continued)
 - (F) Obligations of the Telephone Company
 - (1) The Telephone Company will allocate resources to ensure best efforts to provide NSEP services by the time required.
 - (2) The Telephone Company will work TSP System services in the order of their priority level assignments. The priority sequence is as follows:
 - Restore NSEP services assigned restoration priority 1
 - Provision Emergency (E) NSEP services
 - Restore NSEP services assigned restoration priority 2, 3, 4 or 5
 - Provision NSEP services assigned provisioning priority 1, 2, 3, 4 or 5.
 - (3) The Telephone Company will work cooperatively with other providers of NSEP service when only a portion is provided by the Telephone Company to ensure "end-to-end" service.
 - (4) Additionally, TSP System service will be provided in accordance with the guidelines set forth in NCS Handbook 3-1-2, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" dated July 9, 1990.



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6. MISCELLANEOUS SERVICES (Continued)

6.4 <u>Telecommunications Service Priority (TSP) System</u> (Continued)

(G) Rates and Charges

The following rates and charges are in addition to all other rates and charges that may apply for other services offered under this tariff which operate in conjunction with the TSP System.

(1) Establishment of TSP System Service

The establishment of TSP System service charge is a nonrecurring charge (NRC) specified in Section 6.4(G)(4) which applies when a FIA is ordered with provisioning and/or restoration priority. If both are ordered at the same time, only one NRC is applicable. The NRC is also applicable for orders changing priority levels.

(2) <u>Provisioning Priority</u>

There are two basic levels of priority provisioning, Emergency (provisioning priority "E") and Essential (provisioning priority 1, 2, 3, 4 or 5).

(a) <u>Emergency Provisioning</u>

The Telephone Company will take immediate action to provide the requested service at the earliest possible date. The rates and charges will apply as set forth in Section 10, Special Construction.

(b) <u>Essential Provisioning</u>

The Telephone Company will adjust its available resources to meet the customer's requested due date. The rates and charges will apply as set forth in Section 3.2.2(E).



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.4 <u>Telecommunications Service Priority (TSP) System</u> (Continued)
 - (G) <u>Rates and Charges</u> (Continued)
 - (3) <u>Restoration Priority</u>

Restoration Priority is a monthly rate per circuit for the ongoing administration and maintenance of the TSP System. This monthly rate only applies when a restoration priority code (1, 2, 3, 4 or 5) is specified in position 12 of the authorization code. The rates are specified in Section 6.4(G)(5).

(4) Establishment of TSP System Service Charge

	Nonrecurring	
	Charge	USOC
Per Circuit	\$ 14.50	P1APX; PR5PX; PR8PX;
		P1ASX; PR5SX; PR8SX

(5) <u>Restoration Priority Rates</u>

	Monthly	
	Rate	USOC
Per Circuit	\$ 4.90	PR9PX; PR9SX

6.5 Balloting and Allocation Process for Equal Access

The Balloting and Allocation Process is an arrangement whereby:

- (1) An end user may select or be allocated to an interexchange carrier (IC) to place intrastate, interLATA MTS/MTS-type calls without the 101XXXX access code. This IC is referred to as the end user's interLATA primary interexchange carrier (PIC).
- (2) An end user may select or be allocated to an IC or local exchange carrier (LEC) to place intrastate, intraLATA MTS/MTS-type calls without the 101XXXX access code. This IC or LEC is referred to as the end user's intraLATA primary interexchange carrier (IPIC).



FACILITIES FOR INTRASTATE ACCESS

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)

Balloting and allocation also applies to agents of Public or Semipublic Pay Telephone service whereby the agent may select or be allocated to an IC to place intrastate interLATA calls without dialing the 10XXX or 101XXXX access code.

In the event that only one IC orders FGD to provide interLATA service or no IC or LEC orders FGD to provide intraLATA service from an end office in accordance with 3.1.1(D), the Balloting and Allocation Process for the PIC or IPIC set forth below will not apply.

On the EFFECTIVE date(s) of interLATA and intraLATA equal access (i.e., introduction of FGD in a serving end office), end users or agents who have not designated or been allocated to an IC or LEC will continue with the same IC or LEC service arrangement as existed prior to office conversion until the allocation process described in (B) occurs.

- (A) End User and Agent Notification and Equal Access Balloting Process
 - (1) InterLATA Equal Access

End users and agents will be notified of the availability of equal access by means of an equal access ballot. ICs intending to participate in the Balloting Process for each serving end office must inform the Telephone Company in writing no later than 120 days prior to the end office conversion to FGD. The notification from ICs wishing to participate in pay telephone balloting must specify if the carrier will handle 0+ traffic only, both 0+ and 1+ traffic, or 0+ with 1+ traffic being handled by a secondary service provider. When 1+ coin traffic is handled by a secondary service provider, the participating IC must identify the secondary service provider. The initial ballot, the first of two ballots the end user and agent may receive, listing all ICs participating in the balloting process, and an explanation of equal access will be mailed to the



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (A) End User and Agent Notification and Equal Access Balloting Process (Continued)
 - (1) InterLATA Equal Access (Continued)

end user and agent approximately 90 days prior to the end office conversion to FGD. IC names appearing on the ballot will be listed in a random fashion by end office to ensure that no IC will always appear first on the ballot. The IC listed on a pay telephone ballot will be the 0+ carrier.

Using the initial ballot, which end users and agents will be requested to return within 45 days after receipt, the end user or agent may designate an IC for all of its lines or may choose a different PIC for each of its lines. Where an end user has a multiline hunt group and wants to designate several PICs for this hunt group, special arrangements may be made by contacting the Telephone Company. Customers may designate that they do not want a primary IC by notifying the Telephone Company. This choice is considered a valid selection and the nonrecurring charge as set forth in 6.5(L) will apply to any subsequent change made after the conversion date.

An agent may designate an IC for the 0+ traffic from a pay telephone. The 1+ traffic from the pay telephone may be handled by the selected 0+ carrier if the carrier handles 1+ traffic, by a secondary service provider designated by the 0+ carrier, or by the default carrier if the 0+ carrier has made no arrangements with the Telephone Company to receive 1+ pay telephone traffic.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (A) End User and Agent Notification and Equal Access Balloting Process (Continued)
 - (1) InterLATA Equal Access (Continued)

A second ballot will be sent to an end user or agent who has not designated an IC or LEC either by return of the initial ballot or by appearing on an IC or LEC customer list. The second ballot will be sent 30 days after conversion of the end office. If the end user or agent does not respond to the second ballot by the requested date, then that end user will be assigned to the allocated IC or LEC shown on the second ballot.

(2) IntraLATA Equal Access

When intraLATA and interLATA equal access is made available concurrently, end users will be notified of the availability of equal access by means of an equal access ballot. ICs and LECs intending to participate in the Balloting Process for each serving end office must inform the Telephone Company in writing no later than 120 days prior to the end office conversion to FGD. The initial ballot, the first of two ballots the end user may receive, listing all ICs and LECs participating in the balloting process, and an explanation of equal access will be mailed to the end user approximately 90 days prior to the end office conversion to FGD. IC and LEC names appearing on the ballot will be listed in a random fashion by end office to ensure that no IC or LEC will always appear first on the ballot.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (A) End User and Agent Notification and Equal Access Balloting Process (Continued)
 - (2) IntraLATA Equal Access (Continued)

Using the initial ballot, which end users will be requested to return within 45 days after receipt, the end user may designate an IC or LEC for all of its lines or may choose a different IPIC for each of its lines. Where an end user has a multiline hunt group and wants to designate several IPICs for this hunt group, special arrangements may be made by contacting the Telephone Company. Customers may designate that they do not want a primary IC by notifying the Telephone Company. This choice is considered a valid selection and the nonrecurring charge as set forth in 6.5(L) will apply to any subsequent change made after the conversion date.

A second ballot will be sent to an end user who has not designated an IC or LEC, either by return of the initial ballot or by appearing on an IC or LEC Customer list. The second ballot will be sent 30 days after conversion of the end office. If the end user does not respond to the second ballot by the requested date, then that end user will be assigned to the allocated IC or LEC shown on the second ballot.

When intraLATA equal access is made available in an end office at some time after the end office has converted to interLATA equal access, the Balloting and Allocation process for the intraLATA IPIC will not apply.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)

(B) <u>Allocation Process</u>

An IC or LEC must notify the Telephone Company of its intent to participate in the allocation process 52 days prior to the end office conversion to equal access. The IC or LEC must also identify whether it will participate in the allocation of business lines, residence lines, or Public/Semipublic Pay Telephones or any combination.

The Telephone Company will tabulate the initial ballots received from the end users and agents described in 6.5(A) and the IC and LEC Customer lists described in 6.5(C). The percentage of end users and agents who have selected a participating IC or LEC will be determined from these ballots and lists. These percentages will be used for the allocation of end users and agents who did not respond to the initial ballot or appear on an IC or LEC list. The percentages used for allocation will be determined approximately five days after end office conversion. A second ballot, indicated in 6.5(A), will be sent to end users and agents who have been allocated to an IC or LEC.

Separate allocation processes will be used for residence, business and Public and Semipublic Pay Telephone lines. The number of end users and agents designating an IC or LEC by returning the initial ballot or appearing on an IC or LEC end user and/or agent list will be totaled. This total will be utilized to compute the percentages used for allocation of residence and business Customers and Public/Semipublic Pay Telephone Customers.

If an IC or LEC participating in the ballot process notifies the Telephone Company that it does not wish to participate in the allocation process, the percentage of Customers allocable to that nonparticipating IC or LEC will be allocated to the remaining ICs and LECs.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access (Continued)</u>
 - (C) Interexchange Carrier Customer Lists

The Telephone Company will accept IC and LEC Customer lists identifying end users and agents who have made individual arrangements with the IC or LEC to designate the IC or LEC as their primary long distance carrier. The list should be in the form of magnetic tape or paper printout. IC and LEC lists may continue to be received after the initial ballot deadline. All lists must be submitted to the Telephone Company no later than 20 days prior to the end office conversion to be included in the allocation process. If end user and agent ballots are received by the IC or LEC, the end user and agent will be included in the IC or LEC Customer list. The IC or LEC must retain the actual ballots for inspection by the Telephone Company for a period of one year after end office conversion.

(D) End User Choice Discrepancy

An IC or LEC is required to certify at the time it submits end user and/or agent lists to the Telephone Company that it has on file, or has instituted steps designed to obtain signed letters of agency or confirmations of choice from the end user or agent. The IC or LEC is not required to submit letters of agency when submitting end user or agent lists to the Telephone Company, but should maintain the confirmations or letters on file for use in dispute resolution. The IC or LEC should request written confirmation of choice from its Customers no later than the date of submission of its first bill to the Customer.

When an end user or agent indicates more than one PIC or IPIC per line or returns an illegible ballot, the Telephone Company will contact the end user or agent for clarification.

When the Telephone Company identifies a conflict between a ballot and an IC or LEC list, or between lists submitted by two or more ICs and/or LECs, the Telephone Company will notify, within 10 days, all affected ICs and LECs via a conflict report. Those ICs and LECs not involved in any conflicts will receive a zero conflict report from the Telephone Company.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (D) End User Choice Discrepancy (Continued)

When an end user or agent returns a ballot to the Telephone Company and also appears on a conflicting IC or LEC Customer list, the ballot takes precedence. If an end user or agent appears on two or more IC or LEC Customer lists, the end user or agent will be allocated along with the nonrespondents to the initial ballot. A letter sent with the second ballot will inform the end user or agent that there exists a conflict between two or more ICs and/or LECs and a selection must be made by the deadline of the second ballot, unless the allocated IC or LEC indicated is the end user's or agent's choice.

(E) <u>Balloting and Allocation Procedure for Public and Semipublic Pay Telephones</u>

The balloting and allocation of Public and Semipublic Pay Telephone lines is furnished in accordance with the provisions of the Memorandum of the U.S. District Court for the District of Columbia in United States vs. GTE Corporation (C.A. No. 83-1298), issued December 23, 1988.

The balloting and allocation process is a procedure whereby an agent of Public and Semipublic Pay Telephone service may select and designate to the Telephone Company an IC to access, without dialing an access code, for 0+ interLATA calls. This IC is referred to as the agent's primary IC. The 1+ interLATA calls from a pay telephone will be handled by the agent's primary IC if the IC handles 1+ traffic, by a secondary service provider selected by an agent's primary IC, or by the default carrier if the agent's primary IC has made no arrangements for handling 1+ traffic from a pay telephone.

If the agent's primary IC elects not to submit an order for its 1+ interLATA sent-paid traffic or fails to select a secondary service provider to handle its 1+ interLATA calls from the Telephone Company's pay telephones, the 1+ interLATA coin sent-paid traffic will continue to be routed to the existing 1+ default carrier (provided such carrier continues to accept it) until the 0+ carrier notifies the Telephone Company as set forth in Section 15.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (E) <u>Balloting and Allocation Procedure for Public and Semipublic Pay Telephones</u> (Continued)

The Telephone Company will notify agents of Public and Semipublic Pay Telephones of the availability of equal access through the mailing of an Equal Access Ballot. The mailing of the initial ballots will take place 90 days prior to conversion.

Agents of Public and Semipublic Pay Telephones will be requested to return their respective ballot to the Telephone Company within 45 days from receipt of the ballot.

An IC obtaining service commitments from agents directly, must obtain signed authorization from those agents. The IC will be required to provide that authorization to the Telephone Company within 30 days of the Telephone Company's request for the resolution of disputes.

Agents of Public and Semipublic Pay Telephones who have not made a primary IC selection, either through the Payphone Equal Access Ballot, or directly with an IC, will be sent a second ballot by the Telephone Company 30 days after the conversion date.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (E) <u>Balloting and Allocation Procedure for Public and Semipublic Pay Telephones</u> (Continued)

The Telephone Company will tabulate the initial ballots received from the agents and the IC Customer lists. The percentage of agents who have selected a participating IC will be determined from these ballots and lists. These percentages will be used for the tentative allocation of agents who did not respond to the initial ballot or appear on an IC list. The percentages used for allocation will be determined approximately five days after end office conversion.

If an IC participating in the ballot process notifies the Telephone Company that it does not wish to participate in the allocation process, the percentage of Customers allocable to that nonparticipating IC will be allocated to the remaining ICs.

The Telephone Company will make post conversion changes in a Public and/or Semipublic Pay Telephone agent's PIC assignment pursuant to an IC provided list. Should an agent dispute authorization for an IC submitted change within 90 days of the PIC assignment to the IC, and if the IC cannot produce a letter of agency or confirmation of choice from the agent within 30 days of a request by the Telephone Company to do so, the Telephone Company will place the public or semipublic telephone on the agent's previously selected IC network. The IC will be billed one unauthorized PIC change charge in 6.5(M) for the change to the disputed network and one PIC change charge in 6.5(L) for returning the public or semipublic telephone to its originally selected IC network.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (E) <u>Balloting and Allocation Procedure for Public and Semipublic Pay Telephones</u> (Continued)

If the IC produces the letter of agency of confirmation of choice within 30 days of the request by the Telephone Company to do so, and if the service of the disputing agent has been switched back to its originally selected IC network, the agent will be billed two PIC change charges in 6.5(L) in lieu of charges to the IC, one for the switch to the IC providing the letter of agency or confirmation of choice and one for the subsequent switch back to the agent's original IC.

(F) PIC and IPIC Charge Application

Initial end user, end user agent and a local service provider that resells services (herein referred to as reseller) selection of a PIC by ballot or appearing on an IC or, for intraLATA service, a LEC list will not incur a charge. A change of PIC selection prior to the end office conversion to interLATA equal access will not incur a charge. A change of IPIC selection prior to the end office conversion to intraLATA equal access will not incur a charge. Notification of a change in a PIC or IPIC may be coordinated by the end user, end user agent or reseller with either the IC or LEC selected or with the Telephone Company, if it is not the selected LEC. Within six months after conversion to equal access, an end user, end user agent or reseller allocated to another IC or LEC at no charge, on a one-time basis. After the six month period has elapsed, a nonrecurring charge in 6.5(L) will apply to change the PIC or IPIC. The IPIC charge shall apply only when an intraLATA PIC change is made independent of an interLATA PIC. After conversion to equal access, end users, end user agents and resellers who select an IC or LEC by returning the initial ballot will be charged for each change made.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (F) <u>PIC and IPIC Charge Application</u> (Continued)

In end offices converted to Equal Access new end users, end user agents and resellers of Public and Semipublic Pay Telephones and multi-party end users who upgrade to individual lines must presubscribe to the PIC and/or IPIC of their choice at the time an order is placed for service. The IPIC may be an IC or LEC (the Telephone Company or another LEC). Upon the end user, end user agent's or reseller's selection of the PIC and/or IPIC, at the time of placing an order, a confirmation notice will be sent identifying the IC selected as the PIC and/or the IC or LEC selected as the IPIC. From the date of the confirmation notice, he will have 90 days to change his presubscription selection without a charge. If a PIC and/or IPIC is not chosen at the time the order for service is submitted, the end user, end user agent or reseller will be sent a confirmation notice which contains a list of ICs with FGD providing interLATA service and/or a list of ICs and LECs providing intraLATA service, and will be informed that they have 90 days to contact the IC and/or LEC of their choice or the Telephone Company to apply for the PIC or IPIC arrangement. If notice is received by the Telephone Company within 90 days of the in-service date for local service or upgrade, no charge will be billed to the end user, end user agent or reseller. If notice is received after 90 days, the end user, end user agent or reseller will be billed a nonrecurring charge for the PIC or IPIC as in 6.5(L). The IPIC charge shall apply only when an intraLATA PIC charge is made independent of the interLATA PIC. Until the end user, end user agent or reseller receives service from the selected carrier, he may access the carrier of his choice by dialing the appropriate 101XXXX carrier identification code.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)
 - (F) <u>PIC and IPIC Charge Application</u> (Continued)

The Telephone Company will make post conversion changes in the end user's, end user agent's or reseller's PIC or IPIC assignment pursuant to an IC or LEC provided list of Customers, accepted by the Telephone Company under conditions in (C) and (D). Post conversion changes in a PIC assigned to a Public or Semipublic Pay Telephone will be made under the conditions set forth in 6.5(E). Should an end user, end user agent or reseller dispute authorization of the change within 90 days of the PIC or IPIC assignment, and if the carrier cannot produce a letter of agency or confirmation from the end user, end user agent or reseller, the Telephone Company will place the end user on the previous carrier network where possible and the carrier will be billed according to the following options:

- (1) If the IC or LEC has previously submitted a letter requesting the Telephone Company to settle end user disputes without investigation, the carrier will be charged two PIC or IPIC change charges, in 6.5(L). One PIC or IPIC change charge is for the change to the disputed carrier and one is for placing the end user on his previous carrier network or the carrier network of his choice. By virtue of the carrier's letter requesting no investigation, the Telephone Company will perform no investigation and will not accept nor request at a later date any letter of authorization regarding an end user's disputed PIC or IPIC assignment. This option does not apply to Public or Semipublic Pay telephones nor Public Coinless telephone lines. This option also does not relieve the IC or LEC of the conditions set forth in (C) and (D) preceding.
- (2) If the IC or LEC does request in writing that end user PIC or IPIC disputes be resolved with investigation as in (1) preceding, the carrier will be billed one Unauthorized PIC or IPIC charge, in 6.5(M), for the change to the disputed carrier and one PIC or IPIC change charge, in 6.5(L), for placing the end user on the carrier network of his choice



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)

(F) <u>PIC and IPIC Charge Application</u> (Continued)

If, under (2) preceding, the carrier produces the letter of agency or confirmation of choice within 30 days of the Telephone Company request, the end user, end user agent or reseller will be billed two PIC or IPIC charges in 6.5(L) in lieu of charges to the carrier. Charges are only applicable if a change in an end user's, end user agent's or reseller's carrier selection has actually been implemented in the switch.

(G) <u>Multi-party End Users</u>

Multi-party end users will continue with the same carrier service arrangement which existed prior to the end office conversion. However, multi-party end users may access the carrier of their choice by dialing the appropriate 101XXXX carrier identification code. In certain suitably equipped end offices, two-party Customers may subscribe to the carrier of their choice.

(H) <u>Cancellation of a Carrier Participation</u>

If an IC or LEC cancels all of its FGD service in the converting end office prior to the conversion date or discontinues all of its FGD service within two years after the introduction of FGD in the converting end office, the carrier is obligated to do the following:

- (1) Notify the Telephone Company of the cancellation of their FGD service, and
- (2) Contact in writing all end users, end user agents and resellers who have selected, or been allocated to, the canceling carrier as their PIC or IPIC, inform these end users, end user agents and resellers of the cancellation, request the end users, end user agents and resellers to select a new PIC or IPIC, and state that the canceling carrier will pay the nonrecurring charge as set forth in 6.5(L).



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 Balloting and Allocation Process for Equal Access (Continued)
 - (H) <u>Cancellation of a Carrier Participation</u> (Continued)

The Telephone Company will bill the canceling IC or LEC for a period of two years from the discontinuance of FGD service, the nonrecurring charge as set forth in 6.5(L) for each end user, end user agent and reseller this carrier has currently designated to it. Such charge will not apply to the canceling carrier where the canceling IC or LEC transfers or assigns its FGD D services and the associated 101XXXX code to another carrier in such manner that the Telephone Company does not change end user, end user agent or reseller records or if another carrier elects to pay nonrecurring charge on behalf of the canceling IC or LEC.

(I) Liability of the Telephone Company

If through the fault of the Telephone Company, the end user, end user agent or reseller is not subscribed to its chosen PIC or IPIC, the nonrecurring charges in 6.5(L) and 6.5(M) do not apply to reassign the end user, end user agent or reseller to his chosen PIC or IPIC.

- (J) (Reserved for Future Use)
- (K) Carrier Desired Due Date (ICDDD) for PIC or IPIC Installation

An IC or LEC may request a desired due date for PIC or IPIC installation for a specific, single end user, end user agent or reseller acting on behalf of an end user post equal access conversion. This ICDDD is a mutually agreed upon negotiated due date, determined to be between 3 and 45 business days from the date of receipt of the order. The carrier must coordinate the ICDDD with the Telephone Company prior to sending in the first order.

The ICDDD does not apply to routine lists provided by the carrier, as set forth in 6.5(C) and (D). The Nonrecurring Charge for PIC or IPIC as set forth in 6.5(L), applies to each line converted to the carrier requesting ICDDD. The intraLATA PIC charge shall apply only when an intraLATA PIC change is made independent of an interLATA PIC change. This charge will be billed to the carrier's end user Customer.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.5 <u>Balloting and Allocation Process for Equal Access</u> (Continued)

(L) Nonrecurring Charge for Primary InterLATA Carrier (PIC) or Primary IntraLATA Carrier (IPIC)

The nonrecurring charge for PIC or IPIC is as follows:

	Nonrecurring Charge	GSEC
Per Telephone Company Local Service Line		
or Trunk	\$ 3.20	NEPS (PIC) NAAPS (IPIC)

The nonrecurring charges for Unauthorized PIC or IPIC changes are as follows:

		Nonrecurring <u>Charge</u>	<u>GSEC</u>
(1)	Per Telephone Company Local Business or Residence Service Line or Trunk	9.04	NEPSUBR (PIC) NAAPSUBR (IPIC)
(2)	Per Telephone Company Public and Semipublic Pay Telephone and Public Coin- less Telephone Lines	22.45	NEPSUC



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

6.6 Additional Testing

The Telephone Company will perform acceptance testing as specified in 4.2.7 and 5.1.5 preceding to insure that FIA ordered by the customer are functioning properly, prior to turning over such FIA to the customer. In addition, the Telephone Company will perform ongoing tests as specified in 4.2.1 and 4.2.2 preceding to assure the continued satisfactory performance of Switched Access Services ordered by the customer.

Testing offered under this section of the tariff is in addition to those tests described above and will be provided, when requested by the customer, at an additional charge.

Testing is provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in 6.6(A)(5) and 6.6(B)(2) following, to allow a customer to request Telephone Company personnel to perform testing at the customer designated location or the end user premises.

Additional testing is provided on a scheduled or nonscheduled basis. Scheduled testing shall be performed on a predetermined time basis to allow for cost efficient utilization of Telephone Company and customer resources. Scheduled testing should be based on a one year period. Nonscheduled tests are performed by the Telephone Company on a request-by-request basis, not in conjunction with any fixed schedule.

The offering of testing under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A), (B), and (C) following.

(A) <u>Switched Access Testing</u>

Testing for Switched Access is comprised of (a) tests which are performed during the installation of Switched Access (i.e., acceptance tests) and (b) tests which are performed after acceptance of such Switched Access by a customer (i.e., inservice tests).

These tests are performed on a scheduled or nonscheduled basis, and may be conducted on an automatic, cooperative, or manual basis, as defined in (1), (2), (3), (4), and (5) following.



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6. <u>MISCELLANEOUS SERVICES</u> (Continued)

- 6.6 <u>Additional Testing</u> (Continued)
 - (A) <u>Switched Access Testing</u> (Continued)
 - (1) <u>Additional Cooperative Acceptance Testing</u> (USOC - UBCXT; UBCOT; UBCPT)

Additional Cooperative Acceptance Testing (ACAT) of Switched Access involves the Telephone Company provision of a technician at its office(s) and the customer provision of a technician at its CDL, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Testing may apply when the customer requests additional tests not specified in 4.2.7. The labor charges as set forth in 6.2(G) preceding will apply to Additional Cooperative Acceptance Testing at the appropriate Basic, Overtime, or Premium rate.

(2) <u>Automatic Scheduled Testing</u> (USOC - UBGXT)

Automatic Scheduled Testing (AST) of FGB, FGC, FGD and SAC Access Service, is provided, as specified in 4.2.1 and 4.2.2, where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. AST charges will apply when such testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). The customer may specify a more frequent schedule of tests at least sixty days prior to the start of the prescribed schedule. Trunks from a Telephone Company digital switch, to a customer digital switch, utilizing digital facilities, are excluded from mandatory routine testing. The rates, as set forth in 6.6(C)(1) following, will apply to additional AST.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.6 <u>Additional Testing</u> (Continued)
 - (A) <u>Switched Access Testing</u> (Continued)
 - (2) <u>Automatic Scheduled Testing</u> (Continued)

The Telephone Company will provide a monthly AST report that lists the trunks within each Central Office access group that failed to meet established requirements. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an asoccurs basis. A monthly report that lists the test results will be provided to the customer.

(3) <u>Additional Cooperative Scheduled Testing</u> (USOC - UBSXT; UBSXD)

> Additional Cooperative Scheduled Testing (ACST) of FGA, FGB, FGC, FGD and SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer designated location, with suitable test equipment to perform the required tests. ACST charges will apply when loss/noise/balance testing or gainslope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). ACST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD and SAC Access Service that are not specified in 4.2.1 and 4.2.2 respectively. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates, as set forth in 6.6(C)(2), will apply for additional ACST.

> The Telephone Company will provided, on a quarterly basis, an ACST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.



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- BY: Vice President Lexington, Kentucky
- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.6 <u>Additional Testing</u> (Continued)
 - (A) <u>Switched Access Testing</u> (Continued)
 - (4) <u>Additional Manual Scheduled Testing</u> (USOC - UBMXT; UBMXD)

Additional Manual Scheduled Testing (AMST) of FGA, FGB, FGC, FGD or SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and at the customer designated location. AMST charges will apply when loss/ noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). AMST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD or SAC Access Service that are not specified in 4.2.1 and 4.2.2 respectively. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates as set forth in 6.6(C)(3) following will apply to additional AMST.

The Telephone Company will provide, on a quarterly basis, an AMST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(5) Nonscheduled Testing

Nonscheduled Testing (NST) will be performed "on demand" which results in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests for Switched Access which are normally performed are contained in 4.2.1 and 4.2.2 Nonscheduled Testing (NST) of Switched Access may consist of the following testing arrangements:



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.6 <u>Additional Testing</u> (Continued)
 - (A) <u>Switched Access Testing</u> (Continued)
 - (5) <u>Nonscheduled Testing</u> (Continued)
 - the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent (automatic testing), or (USOC USCXT)
 - the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer designated location with suitable test equipment to perform the required tests (cooperative testing), or (USOC - USSXT; USSOT; USSPT)
 - the Telephone Company provides a technician at its office(s), and at the customer designated location or end user premises with suitable test equipment to perform the required tests (manual testing).
 (USOC - USMXT; USMOT; USMPT)

Nonscheduled Tests may consist of any tests which the customer may require. The rates as set forth in 6.6(C)(1) following will apply to Nonscheduled Automatic Testing. The labor charges as set forth in 6.2(G) preceding will apply to Nonscheduled Cooperative and Manual FIA Testing at the appropriate Basic, Overtime, or Premium rate.

If nonscheduled tests are required and trouble is found in Telephone Company facilities, charges for testing the Telephone Company facilities will not apply. If, however, trouble is found in the customer equipment, charges as set forth in 6.6(C)(1) following and labor charges as set forth in 6.2(G) preceding are applicable.

- (6) Obligations of the Customer
 - (a) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate, to support AST as set forth in 6.6(A)(2) preceding or NST as set forth in 6.6(A)(5) preceding.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.6 <u>Additional Testing</u> (Continued)
 - (A) <u>Switched Access Testing</u> (Continued)
 - (6) <u>Obligations of the Customer</u> (Continued)
 - (b) The customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.
 - (B) Special Access Testing

The Telephone Company will, at the request of a customer, provide assistance in performing specific tests requested by the customer, however, the Telephone Company will only perform maintenance testing for its facilities within the LATA.

(1) <u>Additional Cooperative Acceptance Testing</u> (USOC - SNTXT; SNTOT; SNTPT)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing (ACAT). The labor charges as set forth in 6.2(G) preceding will apply to ACAT at the appropriate Basic, Overtime, or Premium rate.

Additional Cooperative Acceptance Testing charges will apply when the customer requests tests which are not required to meet the transmission performance parameters as set forth in Section 15 of the Windstream Kentucky West, Inc. PSC No.3 Intrastate Access Services Tariff.

(2) <u>Nonscheduled Testing</u> (USOC - SNOXT; SNOOT; SNOPT)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office (cooperative testing) for the purpose of conducting Non-scheduled Testing (NST). Nonscheduled testing may consist of any test (e.g., loss, noise, slope, envelope delay, etc.) which the



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.6 <u>Additional Testing</u> (Continued)
 - (B) <u>Special Access Testing</u> (Continued)
 - (2) <u>Nonscheduled Testing</u> (Continued)

customer may request. If such testing indicates trouble in Telephone Company facilities, then the customer will not be charged. NST charges will apply if the trouble is in the facilities of the customer. At the customer's request, the Telephone Company will provide a technician at the customer designated location or at the end user premises (manual testing). The labor charges as set forth in 6.2(G) preceding will apply to Nonscheduled Testing at the appropriate Basic, Overtime, or Premium rate.

(3) Obligation of the Customer

When the customer subscribes to Testing as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

(C) Rates and Charges

(1)	Automatic Scheduled Testing	Rate	USOC
	Per Transmission Path, Per Month		0000
	Basic Offering to First Point of Switching	\$.45	UBGXT
(2)	Additional Cooperative	ψ.10	000/11
(2)	Scheduled Testing		
	Per Transmission Path, Per Month		
	Basic Offering to First Point of Switching	1.62	UBSXT
	Gain-Slope-To First Point of Switching	.69	UBSXD



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6.	N	MISCELLANEOUS SERVICES (Continued)				
6.6	A	Additional Testing (Continued)				
	((C)	Rates an	d Charges (Continued)		
				Rate	2	<u>USOC</u>
			(3)	Additional Manual Scheduled Testing		
				Per Transmission Path, Per Month Basic Offering to First Point of Switching 3.23	1	UBMXT
				Gain-Slope-To First Point of Switching 1.37	,	UBMXD
6.7	((Reserved for Future Use)				
6.8	<u>E</u>	End User	r/Agent Lis	<u>ts</u>		
	(,	(A)	Presubso	ription List		
			(1)	InterLATA Equal Access		

Prior to conversion to equal access (i.e., introduction of FGD in an end office switch) an IC may request a list of the Telephone Company's end users and agents of record served from that end office switch. The Presubscription List will be provided as follows:



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- BY: Vice President Lexington, Kentucky
- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.8 End User/Agent Lists (Continued)
 - (A) <u>Presubscription List</u> (Continued)
 - (1) InterLATA Equal Access
 - (a) The Telephone Company will provide a list from its customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC, at rates provided in 6.8.1(A). Foreign listings, PBX stations, CU Centrex stations and numbers not in service will not be provided.
 - (1) The initial list will be provided to the IC no later than 30 days after receipt of the order and payment by the IC of charges as set forth in 6.8.1(A). The nonrecurring charge for the initial list applies per order. A single order may contain all end offices having the same equal access conversion date. The telephone number will not be provided if an end user or agent has a nonpublished number.
 - (2) The Account Activity List, which includes a listing of all changes to the customer data base, since the initial list was produced, will be provided on a cyclic basis. The Account Activity List will only include information for those end users and agents that are presubscribed to the IC (including end users and agents with nonpublished numbers) for the sole purpose of updating the IC's customer account information. There is no charge for this list.
 - (b) The IC agrees to use the Initial and Account Activity Lists for the sole purpose of either contacting potential customers/agents, or existing customers/ agents, regarding interexchange telecommunications services available through equal access to be obtained from the Telephone Company or for the purpose of updating IC customer/agent account information. The IC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.



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- BY: Vice President Lexington, Kentucky
- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.8 End User/Agent Lists (Continued)
 - (A) <u>Presubscription List</u> (Continued)
 - (1) InterLATA Equal Access (Continued)
 - (c) The IC shall indemnify, protect and save harmless the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Telephone Company's supplying of listing information, services or records.
 - (d) The Telephone Company and the IC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users and agents as to the separate and independent identity of the respective companies and their services. Neither the Telephone Company nor the IC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC is the same as, a part of, or associated with the Telephone Company.
 - (e) This service may be terminated by either the Telephone Company or the IC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.8 End User/Agent Lists (Continued)
 - (A) <u>Presubscription List</u> (Continued)
 - (2) IntraLATA Equal Access

Prior to conversion to intraLATA equal access an IC or LEC may request a list of the Telephone Company's end users of record served from that end office switch. A single Presubscription List will be provided to intraLATA toll providers as follows:

- (a) The Telephone Company will provide a list from its Customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC or LEC, at rates provided in 6.8.1(A). Foreign listings, PBX stations, CU centrex stations, public coin station and numbers not in service will not be provided.
 - (1) The Initial List will be provided to the IC or LEC no later than 30 days after receipt of the order and payment by the IC or LEC of charges in 6.8.1(A). The nonrecurring charge for the Initial List applies per order. A single order may contain all end offices having the same intraLATA equal access conversion date. The telephone number will not be provided if an end user has a nonpublished number.
 - (2) The Account Activity List, which includes a listing of all changes to the Customer data base, since the Initial List was produced, will be provided on a cyclic basis. The Account Activity List will only include information for those end users that are presubscribed to the IC or LEC (including end users with nonpublished numbers) for the sole purpose of updating the IC's or LEC's Customer account information. There is no charge for this list.



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- BY: Vice President Lexington, Kentucky
- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.8 End User/Agent Lists (Continued)
 - (A) <u>Presubscription List</u> (Continued)
 - (2) IntraLATA Equal Access (Continued)
 - (b) The IC or LEC agrees to use the Initial List for the sole purpose of contacting potential Customers, or existing Customers, regarding intraLATA telecommunications services available through equal access to be obtained from the Telephone Company. The IC or LEC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.
 - (c) The IC or LEC shall indemnify, protect and save harmless the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Telephone Company's supplying of listing information, services or records.
 - (d) The Telephone Company and the IC or LEC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users as to the separate and independent identity of the respective companies and their services. Neither the Telephone Company nor the IC or LEC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC or LEC is the same as, a part of, or associated with the Telephone Company.
 - (e) This service may be terminated by either the Telephone Company or the IC or LEC upon thirty (30) days' written notice. The Telephone Company reserves the right to terminate this service immediately upon written notice if the IC or LEC misuses the list information. Performance by the Telephone Company shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Telephone Company.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.8 End User/Agent Lists (Continued)
 - (B) <u>Allocation Lists</u> (Continued)
 - (1) The Telephone Company will provide to the IC or LEC, at no charge, a list of end users and agents that have been allocated to the IC or LEC as described in 6.5(B). This list will be provided after the Balloting and Allocation Process occurs.
 - (2) A list of all end users and agents who have been allocated, in accordance with 6.5(B), will be available to an IC or LEC upon request. Charges in 6.8.1(A) will apply. The nonrecurring charge for the Allocation List applies each time the IC or LEC orders the service. A single order may contain all end offices having the same equal access conversion date.

6.8.1 Rates and Charges

(A) Initial and Allocation Lists

Nonrecurring Charge	Initial List Per Customer	Allocation List
Per ASR USOC - DMT	<u>Account*</u> USOC - 2Y6CT	<u>Per Listing*</u> USOC - 2Y6CT
\$ 50.00	\$.03	\$.03

- * For the purpose of the Initial Lists a customer and agent is defined in Section 2.6 preceding. For the purpose of the Allocation list, a listing is defined as an end user or agent record eligible for a Predesignated Interexchange Carrier Selection.
- 6.9 <u>Billing Name and Address Services</u> (BNAS)

The Telephone Company will, upon request, provide Billing Name and Address Services (BNAS) to a Telecommunications Service Provider (customer), or its authorized billing and collection agent. Telecommunications Service Providers include interexchange carriers, operator service providers, enhanced service providers, and any other provider of intrastate telecommunications services. There are three BNAS offerings available pursuant to this tariff, Per Call/Periodic BNA, Data Gathering Service (DGS), and End User Validation List.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.9 Billing Name and Address Services (BNAS) (Continued)
 - (A) <u>Per Call/Periodic BNA and Data Gathering Service</u>

Per Call/Periodic BNA is the billing name and address information and Data Gathering is the billing telephone number, name, address and associated working telephone number information for customer provided ten digit end user telephone numbers required by the Telecommunications Service Provider customer to bill for calls placed within a specific time period. Per Call/Periodic BNA and DGS are offered subject to the conditions set forth in the following:

- (1) A standard format for the receipt and provision of telephone number and billing name and address information will be established by the Telephone Company. Charges for each Per Call/Periodic BNA searched for and found or searched for and not found will be billed at rates in 6.9.1(A). Charges for each record accessed for DGS are set forth under 6.9.1(B). Per Call/Periodic BNA and DGS will be provided via magnetic tape, electronic transmission, or paper format, at the option of the customer, at rates in 6.9.1. The processing fee will be applied once per calendar year for BNAS processing done within that calendar year.
- (2) The customer must order Per Call/Periodic BNA or DGS and provide test data tape at least 30 days prior to delivery of the first customer order.
- (3) The frequency for receipt of the customer provided orders for Per Call/Periodic BNA or DGS will be no more than twice monthly and at intervals mutually agreed upon between the Telephone Company and the customer. The customer provided end user telephone numbers will be programmed by the Telephone Company with the proper end user's billing name and address contained in the Telephone Company's file at that time.
- (4) Per Call/Periodic BNA and DGS information for nonlisted/nonpublished end user telephone numbers will be provided unless the nonlisted/nonpublished end user provides notice of nonconsent to the Telephone Company of nonconsent to the release of the BNA/DGS data. Within 30 days of receipt of such notice, the Telephone Company will discontinue disclosure of the nonlisted/nonpublished BNA/DGS data.



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- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.9 Billing Name and Address Services (BNAS) (Continued)
 - (A) Per Call/Periodic BNA and Data Gathering Service (Continued)
 - (5) For other than electronic transmission, the output records will be sent to the customer via first class U. S. Mail. The output records will normally be made available for mailing ten workdays after receipt of the customer order or at an interval mutually agreed upon. Availability may be delayed in case of input errors in the customer provided order.
 - (6) The customer may request data be transmitted. Data transmission charges will be determined on an ICB. Data transmission hardware and software specifications will be mutually agreed upon by the Telephone Company and the customer.
 - (7) Per Call/Periodic BNA and DGS detail will not be retained by the Telephone Company longer than 45 days. If the customer requests that the output be made available on a second occasion, such request must occur within 30 days from the date the first was made.
 - (8) Any customer, provided Per Call/Periodic BNA or DGS pursuant to this tariff, agrees to abide by all applicable rules, decisions, orders, statutes and laws concerning the disclosure of published and nonpublished telephone numbers, and further agrees to use the information contained therein only for the purpose of billing for services provided to their end users.
 - (9) In no case shall any customer or authorized billing and collection agent of a customer disclose the billing name and address information of any subscriber to any third party, except that a customer may disclose BNA/DGS information to its authorized billing and collection agent or to governmental law enforcement agencies.
 - (10) Conditions regarding refusal or discontinuance of this service are set forth in 2.1.8.



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n, Kentucky

- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.9 <u>Billing Name and Address Services</u> (BNAS) (Continued)
 - (B) End User Validation List

End User Validation Lists provide for the disclosure of all or a portion of end user/agent data available from the Telephone Company's records, to a Telecommunications Service Provider (customer), for purposes other than billing, and in compliance with the conditions set forth in Part 64.1201(c)(1) of the FCC's Rules and Regulations. In addition, End User Validation List Service is offered subject to the conditions set forth in 6.9(A)(9) above, and the following:

- (1) Standard End User Validation Lists will be provided in three (3) files, business, coin (semipublic and public paystations) and residence. Nonlisted/nonpublished information will be excluded, with the exception of nonlisted public paystations. The lists may be ordered on a national, multistate or state level basis, at the option of the customer, for any of the Telephone Company's jurisdictions subject to this tariff, unless prohibited by state regulation or state statute. Rates for the standard End User Validation List are set forth under 6.9.1(C).
- (2) Per calendar year, the customer may request up to two (2) lists per state for business, coin, and residence listings.
- (3) A standard format will be established by the Telephone Company. Requests for special list sorts will be limited to an end user list separating those that are presubscribed to the requesting customer, and/or those that are not. The rate, per record, applicable to special sorts is set forth under 6.9.1(C).
- (4) Each request shall be treated as a new request. Requests for updates from previous lists will not be provided.



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 - Lowington, Romaony
- 6. <u>MISCELLANEOUS SERVICES</u> (Continued)
- 6.9 <u>Billing Name and Address Services</u> (BNAS) (Continued)
 - (B) End User Validation List (Continued)
 - (5) The customer shall have fifteen (15) business days from the date of delivery of a list to request any investigation of issues arising from the provision of the list.
 - (6) End User Validation Lists will normally be provided to the customer within thirty calendar days after receipt of a request and within ten (10) business days of extraction, or at an interval mutually agreed upon. The administrative fee set forth under 6.9.1(C) applies per request, whether ordered on a per state, multi-state, or national level.
 - (7) Conditions regarding refusal or discontinuance of this service are set forth in 2.1.8.

6.9.1 <u>Rates and Charges</u>

(A)

<u>Per</u>	Call/Periodic BNA		USOC
(1)	Billing Name and Address Found, each	\$.35	BNYFX
(2)	Billing Name and Address Not Found, each	.25	BNYNX
(3)	Processing Fee*, Paper Report, Electronic Transmission, or Magnetic Tape/Each	50.00	BNYMX



Applies once per calendar year for BNA processing done within that calendar year.

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6.	MISCELLANEOUS SERVICES (Continued)				
6.9	Billing	Billing Name and Address Services (BNAS) (Continued)			
6.9.1	Rate	s and Changes (Continued)			
	(B)	<u>Data (</u>	Gathering Service		_USOC
		(1)	Per Record Accessed	\$.18	D7GPR
		(2)	Processing Fee*, Paper Report Electronic Transmission, or Magnetic Tape/Each	75.00	D7G
	(C)	End U	ser Validation List		
		(1)	Standard Sort, Per Record Provided	.034	BVY1X
		(2)	Administrative Fee		
			Paper Report, Electronic Trans- mission or Magnetic Tape/ Per Request	78.00	BVY
		(3)	Special Sort, Per Record Provided	.054	BVY2X



*Applies once per calendar year for DGS processing done within that calendar year.

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7. SPECIALIZED FIA OR ARRANGEMENTS

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7. SPECIALIZED FIA OR ARRANGEMENTS

7.1 <u>General</u>

Specialized FIA or Arrangements may be provided by the Telephone Company, at the request of a customer, on an Individual Case Basis (ICB) if such FIA or arrangement meet the following criteria:

- The requested FIA or arrangements are not offered under other sections of this tariff.
- The facilities utilized to provide the requested FIA or arrangements are of a type normally used by the Telephone Company in furnishing its other services.
- The requested FIA or arrangements are provided within a Market Area.
- The requested FIA or arrangements are compatible with other Telephone Company services, facilities, and its engineering and maintenance practices.

This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

7.2 Rates and Charges

Rates and Charges and additional regulations, if applicable, for Specialized FIA or Arrangements are filed following:

7.2.1 WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON Incorporated

(Reserved for Future Use)



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8. ANCILLARY SERVICES

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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u>
 - (A) <u>Undertaking of the Telephone Company</u>
 - (1) <u>Provision of Ancillary Services</u>
 - (a) The Telephone Company, to the extent Ancillary Service are, or can be made available with reasonable effort, will provide to the customer Ancillary Services as described in 8.1.3, at rates and charges as specified in 8.1.5.
 - (b) When the customer subscribes to Call Recording Service, as set forth in 8.1.3(A)(I), and customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer messages and associated revenue based on previously known values determined from historical data. In such events the extent of the Telephone Company's liability for damages shall be limited to the granting of a corresponding credit adjustment on the customer's bill representing amounts due to the customer for the unbilled revenue.

When the Telephone Company is notified that, due to error or omission, incomplete data has been provided to a customer, the Telephone Company will make every reasonable effort to locate and/or recover the data and provide new magnetic tapes to the customer at no additional charge. Such request to recover the data must be made within 30 days from the date the details were initially made available to the customer. If the data cannot be recovered, the extent of the Telephone Company's liability for damages shall be limited as set forth in the preceding paragraph.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (A) <u>Undertaking of the Telephone Company</u> (Continued)
 - (1) <u>Provision of Ancillary Services</u> (Continued)
 - (c) The Telephone Company shall be responsible for contacts and arrangements with the end user concerning the billing, collecting, crediting and adjusting of the customer's service charges, when the Telephone Company provides Inquiry Service as set forth in 8.1.3(A)(11).
 - (d) Message Bill Processing, Bill Rendering, General Billing Service and Inquiry Services will only be offered by the Telephone Company with the purchase of receivables. The Telephone Company will purchase the customer's receivables at a discount from face value. The exact contents of the discount factor and specific settlement procedures will be contained in individual contractual arrangements signed by each customer.
 - (2) Discontinuance and Refusal of Ancillary Services
 - (a) If the customer fails to comply with the provisions of this tariff, including any payments to be made by it on the dates or at the times herein specified, and fails within thirty (30) days after written notice via certified mail from the Telephone Company to an officer of the customer requesting payment for such noncompliance, the Telephone Company may discontinue the provision of the Ancillary Service. In case of such discontinuance, all applicable charges shall immediately become due.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (A) <u>Undertaking of the Telephone Company</u> (Continued)
 - (2) <u>Discontinuance and Refusal of Ancillary Services (Continued)</u>
 - (b) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of Ancillary Services and fails to correct such course of action after notice as set forth in (a) preceding, the Telephone Company may refuse applications for additional Ancillary Services.
 - (B) Obligations of the Customer
 - (1) <u>References to the Telephone Company</u>

The customer may advise end users that Ancillary Services are provided by the Telephone Company in connection with the service the customer furnishes to its end users.

- (2) <u>Request for Service</u>
 - (a) <u>Minimum Order Periods</u>

The customer shall order Ancillary Service(s) with the following minimum requirements:

The minimum period for which Call Recording Service is provided and for which charges apply is one month (30 days). A customer may cancel Call Recording Service on any date prior to the start of the next month's service. If written notice is not received from the customer, or from the telephone company that ordered the Call Recording Service prior to the start of the following month's service, the Telephone Company shall assume that the service is to be extended for another month (30 days).



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (B) <u>Obligations of the Customer</u> (Continued)
 - (2) <u>Request for Service</u> (Continued)
 - (a) <u>Minimum Order Periods</u> (Continued)

The initial minimum period for Message Processing, Message Bill Processing, Bill Rendering, Bill Processing and Collection and Invoice Billing Services is three years. Six months prior to the end of the initial order period or subsequent extension, the customer shall notify the Telephone Company in writing, if the service is to be discontinued. If no notice is received from the customer, the Telephone Company shall assume that the service is extended for another year.

(b) Order Requirements

When Call Recording Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be recorded. When Call Recording Service is provided from an end office switch, the estimate of the number of messages to be recorded shall be provided by end office. When Call Recording Service is provided from an access tandem, the estimate of the number of messages to be recorded shall be provided by access tandem. The message capacity shall be provided by year.

When Message Processing Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be processed. The number of messages shall be provided by year.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (B) <u>Obligations of the Customer</u> (Continued)
 - (2) <u>Request for Service</u> (Continued)
 - (b) <u>Order Requirements</u> (Continued)

When Message Bill Processing, Message Investigation, General Billing and Inquiry Services are ordered for MTS/WATS services, the customer shall furnish the Telephone Company an estimate of the number of messages (message capacity) to be billed. The message capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS messages, bulk-billed messages (WATS/800 services) and invoice billing messages.

When Bill Rendering Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of bills for which Bill Rendering Service will be provided. The bill capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS bills, bulk-billed (WATS/800) bills and invoice billing bills.

- (C) <u>Payment Arrangements</u>
 - (1) <u>Minimum Charges</u>
 - (a) Call Recording, Message Processing, Message Bill Processing, General Billing, and Inquiry Services are subject to minimum charges.
 - (b) Any minimum billings associated with the above services, will be filed on an individual case basis in Section 8.1.5(B) of this tariff.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (C) Payment Arrangements (Continued)
 - (2) <u>Cancellation of Order for Ancillary Services</u>
 - (a) When an order for Ancillary Services is cancel led prior to the start of installation of such Ancillary Services, no charges will apply. Installation of Ancillary Services is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.
 - (b) Where program development of Ancillary Services has been started prior to the cancellation, and to the extent the Telephone Company has another use for the specially developed Ancillary Services, no charge applies. When the Telephone Company has no other use for the specially developed Ancillary Services, a charge equal to the costs incurred prior to the date of cancellation applies. Such charge is determined as detailed in paragraph (c).
 - (c) The charge, as specified in paragraph (b), includes the cost, less the net salvage value of equipment and material either ordered, provided or installed, plus the nonrecoverable cost of system development and installation. Charges will be determined on an individual case basis as required and will be specified in 8.1.5(C).
 - (3) <u>Acceptance of Gift Certificates</u>

The Telephone Company will accept customer gift certificates for payment from end users, if the customer agreed in writing to redeem all such gift certificates.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (C) Payment Arrangements (Continued)
 - (4) Minimum Period Disconnect Charges

Minimum period disconnect charges will apply, if service is discontinued prior to the expiration of the minimum period. For Call Recording Service, the Telephone Company will use the most recent 30 day period for which data is available to determine the total minimum monthly charge. The customer will only be billed for the adjusted amount due, if payment has been received for any portion of the discontinued service.

If, for Message Processing, Message Bill Processing, Bill Rendering and General Billing Services, service is discontinued prior to the end of the period ordered, the customer will pay the minimum charges for the remaining months of the minimum order period specified in 8.1.2(B)(2) (a).

The monthly charge for Message Processing, Message Bill Processing, Bill Rendering and General Billing Services, will be one-twelfth of the appropriate yearly message capacity (i.e., MTS service billed or bulk-billed capacity estimate) furnished by the customer as set forth above, times the appropriate Message Processing, Message Bill Processing, Bill Rendering and General Billing Services rate.

(5) Payment of Charges

When the Telephone Company purchases Call Recording from another telephone company and/or Message Processing Services from another telephone company or entity for a customer, the rates and charges for such services contained in this tariff are applicable.



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- 8.1 <u>General</u> (Continued)
- 8.1.2 <u>Regulations</u> (Continued)
 - (C) <u>Payment Arrangements</u> (Continued)
 - (6) <u>Customer's End User Deposits</u>

When Bill Rendering and General Billing Services are ordered, the Telephone Company will determine and collect a deposit from the customer's end user in accordance with the Telephone Company deposit regulations. The Telephone Company will provide the customer with a copy of its deposit regulations upon request.

8.1.3 Description of Ancillary Services

Ancillary Services consist of (1) Billing and Collection Service and (2) Operator Services. Ancillary Services shall be furnished to subscribers to the Telephone Company's access services, and in addition other telecommunications service providers, including providers of telephone answering services or voice messaging services.

All subscribers of Ancillary Services are subject to the terms and conditions contained within this tariff. Should the customer choose to perform his/her own ancillary functions and require sufficient information to do so, listed customer information may be purchased consistent with state regulations governing any rights to privacy. Charges for such lists will be calculated on a individual case basis.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 <u>Description of Ancillary Services</u> (Continued)
 - (A) <u>Billing and Collection Services</u>
 - (1) <u>Call Recording Service</u>

The Telephone Company will provide Call Recording in Telephone Company suitably equipped end offices or tandems. Call recording is available only with FGC, FGD or similar Feature Group offerings, when used in the provision of MTS/ WATS services. Call Recording is the entering on magnetic tape or other acceptable media the details of customer messages originated through Switched Access Service or Switched Access-like service for which answer and disconnect supervision has been received. The Telephone Company will provide the customer, upon request, the recorded message detail, as agreed to by both parties, for each completed intrastate message generated by end users gaining access to the customer from the Access Area.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (1) <u>Call Recording Service</u> (Continued)

The equipment at the customer designated location shall provide such signals as may be required for the proper operation of the Telephone Company's automatic call recording equipment used to perform this function.

The Telephone Company may purchase Call Recording Service from another telephone company. Another telephone company or entity may purchase Call Recording Service from the Telephone Company.

A standard format for the provision of the recorded message detail will be established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the format. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will provide notification to the customer six months in advance of the change.

(2) <u>Message Processing Service</u>

Message Processing Service consists of the transformation of recorded customer message details into rated messages. Message Processing Service will be provided for each intrastate message generated by end users gaining access to the customer from the Access Area of the Telephone Company. Message Processing Service includes the following:



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- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (2) <u>Message Processing Service</u> (Continued)
 - (a) <u>Assembly of Message Detail</u> This function consists of arranging the customer's recorded message details into a format required for subsequent processing.
 - (b) <u>Editing of Message Detail</u> This function consists of examining individual message details and identifying the messages with errors or the messages which require further examination.
 - (c) <u>Rating of Messages</u> This function consists of calculating the charges for messages based on the customer's schedule of charges and the message detail.

The Telephone Company will provide Message Processing Service only for customer messages originated within the Access Area.

For the purpose of performing Message Processing Service, the Telephone Company may purchase Message Processing Service from another telephone company or entity as set forth in 8.1.2 (C)(5). Another telephone company or entity may purchase Message Processing Service from the Telephone Company.

Where the customer provides its own message details, it must be in the standard format established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required format. If, in the course of Telephone Company business, it is necessary to change the format, the telephone company will provide notification to the customer six months in advance of the change.



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- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (2) <u>Message Processing Service</u> (Continued)

Where the Telephone Company has rated customer messages which are to be billed to an end user by another telephone company or entity, the Telephone Company will enter the customer messages on a magnetic tape or data file and transmit the rated messages as set forth in 8.1.3 (A)(4).

(3) Assembly and Editing Service

Assembly is the aggregation of recorded message details to create individual messages for rating. Editing is the process of verifying that the assembled message data is in accordance with the Telephone Company standard format and prescribed Exchange Message Interface (EMI) specifications.

The editing function consists of examining individual message detail and identifying the messages with errors or the messages requiring further examination. The editing process includes the validation of data categories such as; but not limited to, the following:

- Called Telephone Number
- Calling Telephone Number
- Date

The assembled and edited recorded message detail will be provided to the customer as set forth in 8.1.3(A)(4).



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (4) <u>Call Record Provision Service</u>

Call Record Provision Service is the transmission and receipt of rated and unrated message data. It also includes the transmission of end user data as a result of customer generated activity (i.e., transmitting end user data during conversion activities, etc.)

The billing information and/or end user data may be transmitted or received on magnetic tape or other acceptable media via either of two principal methods:

- Hand carried recording media (i.e., magnetic tape).
- Direct interface (data link) to the Telephone Company billing center.

The Telephone Company will determine the number of magnetic tapes required to transmit message/ record data to the customer, another telephone company or billing entity.

(5) Message Bill Processing Service

Message Bill Processing Service is the accumulation, guiding and preparation of messages (including the application of taxes), for end user bill rendering for MTS/WATS services.

Message-Billed Message Bill Processing Service is the accumulation, guiding, posting and formatting of rated message detail for bill rendering. The telephone company will process Calling Plans (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a discount to aggregate MTS usage as a part of its Message-Billed Message Bill Processing Service.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (5) <u>Message Bill Processing Service</u> (Continued)

Bulk-Billed Message Bill Processing Service is the accumulation, guiding and posting of rated message detail where the individual message detail is not provided on the bill rendered to the end user.

The rating may have been done by the Telephone Company, another entity, or the customer. Where a customer subscribes to Message Processing Service as set forth in 8.1.3(A)(2), the rated customer messages will be used as the input. If the customer provides the rated messages, the end user account to be billed shall be identified and the records shall be provided in the standard format established by the Telephone Company and delivered, as set forth in 8.1.3(A) (4) or 8.1.4(A)(13), to the location specified by the Telephone Company.

If the customer provided rated messages must be converted by the Telephone Company to the standard format, and the Telephone Company agrees to make the conversion, program development charges as set forth in 8.1.5(A) apply for the hours required to design, develop, test and maintain the necessary programs. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will provide notification to the customer six months in advance of the change.

The Telephone Company will only provide Message Bill Processing Service when Bill Rendering Service and Record Keeping are ordered.

The Message Bill Processing Service rate band will be determined by the Telephone Company for each customer based on the total number of interstate and intrastate messages per year.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (5) <u>Message Bill Processing Service</u> (Continued)

The rate for Message Bill Processing Service shall be the rate corresponding to the Message Bill Processing Service rate for such volume of messages as set forth in 8.1.5(A) on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year.

The Telephone Company will use the customer provided message capacity to determine the band and its associated rate, during the year of the initial minimum period. During the first quarter of the next year, the customer and the Telephone Company will determine the actual volume of messages for which the Telephone Company performed Message Bill Processing Service. Such actual volumes shall be compared to the Message Bill Processing Service bands as set forth in 8.1.5(A) to determine which band such actual volume of messages fall. If the actual volume is greater than or less than customer provided message capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Telephone Company and the customer shall utilize the previous years actual volumes of messages and the customer provided message capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedure described in the previous paragraph will be followed.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (6) <u>Bill Rendering Service</u>

Bill Rendering Service is the printing and mailing of statements showing amounts due from end users for services provided by the customer. Bill Rendering Service includes payment and remittance processing, treatment, denial of service and collection of deposits (where appropriate) and other monies due from the end user. Bill Rendering Service is provided on a per bill basis.

When the Telephone Company provides Bill Rendering Service, the customer's statement of the amount due may, at Telephone Company option, be included as part of the regular monthly bill for local exchange service mailed to the end user.

The Telephone Company may, in accordance with its deposit regulations, determine and collect a deposit from the end user for the customer's services as set forth in 8.1.2(C)(6). When necessary, the Telephone Company, in accordance with its treatment procedures, shall deny the customer's services and/or local exchange services to an end user. Where local exchange service access is denied, access to the customer services will also be denied.

Bill Rendering Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balance due from end users prior to the initial order period.

The Telephone Company will only provide Bill Rendering Service when Message Bill Processing Service with Record Keeping is ordered.

The Bill Rendering Service rate band will be determined by the Telephone Company for each customer based on the total number of bills per year.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 <u>Description of Ancillary Services</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (7) <u>Message Investigation Service</u>

The Telephone Company will provide Message Investigation Service when requested by the customer. Message Investigation Service is that activity undertaken by the Telephone Company to secure, or attempt to secure proper billing information in an effort to sustain or recharge the customer's message. The Telephone Company will investigate, at the request of the customer, unbillable messages to correct message detail information to allow for the proper billing application.

The customer's request for Message Investigation Service shall identify the customer message, the date the customer message was billed and the amount of the customer message. Message Investigation Service is provided on a per message investigated basis.

Message Investigation Service will be provided for each intrastate message generated by end users gaining access to the customer MTS/WATS services from the Access Area of the Telephone Company.

(8) <u>General Billing Service</u>

General Billing Service includes the preparation of bills, mailing of the bills to the end users and the collection of deposits and monies due from the end users. General Billing Service also includes master file maintenance and inquiry when ordered by the customer.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (8) <u>General Billing Service</u> (Continued)

General Billing Service is provided on a per message billed basis (message-billed). The Telephone Company will process Calling Plan (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a discount to aggregate MTS usage as a part of its message-billed billing.

When General Billing Service is ordered, the Telephone Company will accumulate, guide and post rated messages in preparation for billing (includes the application of taxes). The Telephone Company will also print and mail statements showing amounts due from end users for MTS services provided by the customer.

Collection Service provided to the customer will include receiving payments from the customer's end users, treatment of receivables, treatment of accounts, master file maintenance and collection of deposits (where appropriate) as set forth in 8.1.2(C)(6). When necessary, the Telephone Company, in accordance with its treatment procedures, shall deny the customer's services and/or local exchange services to an end user. Where local exchange services services will also be denied.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (8) <u>General Billing Service</u> (Continued)

When the Telephone Company provides inquiry, the Telephone Company will be responsible for contacts and arrangements (either written or oral) with the customer's end users concerning the billing, collecting, crediting, adjusting and message investigation of the customer's service charges in accordance with written instructions furnished by the customer and agreed to by the Telephone Company. Billed messages removed from an end user's bill will be appropriately adjusted to the customer's account receivables as agreed to by both parties. Inquiry will be provided only when the customer is provided General Billing Service.

When the Telephone Company provides General Billing Service without inquiry, all contacts from the end users concerning the customer's billed messages and amounts will be referred to the customer. The Telephone Company will only be responsible for contacts with the customer's end users concerning the collection of customer service deposits and charges. The customer shall notify its end users through its tariffs or other appropriate means when the customer provides its own inquiry service.

When the customer does not order inquiry and desires credit adjustments be made to the end users balance due, the customer shall furnish an Exchange Carrier Memorandum (EC Memo), as set forth in 8.1.4(A)(11), for each end user's account where the credit is desired.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (8) <u>General Billing Service</u> (Continued)

The rating may have been done by the Telephone Company, another entity or the customer. Where the customer subscribes to Message Processing Service as set forth in 8.1.3(A)(2), the rated customer messages will be used as the input. If the customer or another entity provides the rated messages, the end used account to be billed shall be identified and the records shall be provided in the standard format established by the Telephone Company and delivered as set forth in 8.1.3(A)(4) or 8.1.4(A)(13).

General Billing Service will only be provided in conjunction with the purchase of a customer's receivables. The Telephone Company will not be responsible for any customer's balance due from end users prior to the initial order period.

(9) <u>(Reserved for Future Use)</u>



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (10) <u>Program Development Service</u>

Program Development Service consists of developing the customer's schedule of rates into a rating program and changing the bill format when requested by the customer.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.3 Description of Ancillary Services (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (10) <u>Program Development Service</u> (Continued)

Program Development Service also includes converting message data, transmitted to the Telephone Company by the customer or another entity, into the Telephone Company standard format for processing.

A Program Development Charge, as set forth in 8.1.5(A), applies for the programming hours required for software designing and coding.

A Program Implementation Charge applies for table updating, testing, administration, documenting program changes and other implementation activities.

Changes in the rate levels of customer charges to be billed will normally be implemented within 30 days after receipt of an order from the customer requesting such change. When modification to the rating program is required, a Program Development Charge will also apply. Changes in rate structure will normally be completed within six months of a customer's order.

The complexity of the structural change will determine the exact length of time necessary to fulfill the request. Rate structure changes will be made only when the Telephone Company can accommodate such changes.

8.1.4 <u>Rate Regulations</u>

- (A) Billing and Collection Services
 - (1) Call Recording Service for MTS/WATS services includes the functions listed in 8.1.3(A)(1). The rate, as set forth in 8.1.5(A), applies per message recorded.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.4 <u>Rate Regulations</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (2) Message Processing Service for MTS/WATS services includes the functions listed in 8.1.3(A) (2). The rate, as specified in 8.1.5(A), applies per message processed. In those locations where WATS services are metered, or the billing record is summarized by another telephone company, the Message Processing rate, as set forth in 8.1.5(A), will apply per billing record processed. For rating purposes, a billing record is defined as any record which is required to be processed to accomplish billing of a customer's WATS usage.
 - (3) Assembly and Editing Service for MTS/WATS services consists of the functions listed in 8.1.3(A)(3). The rates, as specified in 8.1.5(A), applies per message assembled and edited.
 - (4) When message detail is transmitted to or received from the customer, another telephone company or billing entity, a Call Record Provision charge will apply. For this purpose, a record is a logical grouping of information as described in the program that processes the information and loads the magnetic tape or data file. The rate, as specified in 8.1.5(A), applies per record transmitted or received. The Telephone Company will determine the Call Record Provision charge based on its count of the records transmitted or received.
 - (5) The Message Bill Processing Service charge applies whenever the Telephone Company performs the functions listed in 8.1.3(A)(5).



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.4 <u>Rate Regulations</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (5) The rate for Message Bill Processing Service shall be the rate corresponding to the Message Bill Processing Service rate for such volume of messages as set forth in 8.1.5(A) on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year. The Message Bill Processing Service rate band will be determined by the Telephone Company for each customer based on the total number of interstate and intrastate messages per year.

The Telephone Company will use the customer provided message capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Telephone Company will determine the actual volume of messages for which the Telephone Company performed Message Bill Processing Service. Such actual volumes shall be compared to the Message Bill Processing Service bands as set forth in 8.1.5(A) to determine which band such actual volume of messages fall. If the actual volume is greater than or less than customer provided message capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Telephone Company and the customer shall utilize the previous year's actual volume of messages and the customer provided message capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedure described in the previous paragraph will be followed.

The rate, as specified in 8.1.5(A) applies per message processed. The bulk-billed Message Bill Processing Service charge applies per WATS/800 message processed.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.4 <u>Rate Regulations</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (5) The rate for Message Bill Processing Service shall be the rate corresponding to the Message Bill Processing Service rate for such volume of messages as set forth in 8.1.5(A) on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year. The Message Bill Processing Service rate band will be determined by the Telephone Company for each customer based on the total number of interstate and intrastate messages per year.

The Telephone Company will use the customer provided message capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Telephone Company will determine the actual volume of messages for which the Telephone Company performed Message Bill Processing Service. Such actual volumes shall be compared to the Message Bill Processing Service bands as set forth in 8.1.5(A) to determine which band such actual volume of messages fall. If the actual volume is greater than or less than customer provided message capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Telephone Company and the customer shall utilize the previous year's actual volume of messages and the customer provided message capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedure described in the previous paragraph will be followed.

The rate, as specified in 8.1.5(A) applies per message processed. The bulk-billed Message Bill Processing Service charge applies per WATS/800 message processed.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.4 <u>Rate Regulations</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (7) Message Investigation Service consists of the functions listed in 8.1.3(A)(7). The rate, as specified in 8.1.5(A), applies per message investigated by the Telephone Company.
 - (8) General Billing Service consists of the functions listed in 8.1.3(A)(8). The rate, as set forth in 8.1.5(A), applies per message.
 - (9) (Reserved for Future Use)
 - (10) A Record Keeping Charge applies for each end user account maintained by the Telephone Company for the customer. An end user account is a record which has a name and address and a unique billing identification number assigned by the Telephone Company to which a bill is rendered. The Record Keeping Charge, as specified in 8.1.5(A), applies per month for each account and/or line maintained. A factor, based on actual interstate and intrastate billed messages, will be used to apportion the Record Keeping charge by jurisdiction.



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- BY: Vice President Lexington, Kentucky
- 8. ANCILLARY SERVICES (Continued)
- 8.1 <u>General</u> (Continued)
- 8.1.4 <u>Rate Regulations</u> (Continued)
 - (A) <u>Billing and Collection Services</u> (Continued)
 - (11) An Exchange Carrier Memorandum (EC Memo) charge will be assessed each time the customer requests a manual adjustment to an end user account. The EC Memo charge, as specified in 8.1.5(A), applies per account adjusted per memo. When necessary, a factor (based on actual interstate and intrastate adjusted messages) will be used to apportion the EC Memo charge by jurisdiction.
 - (12) A Service Order Change Charge applies whenever a billing service order is accepted by the Telephone Company to update (i.e., add, change or delete) its billing file to implement the requested activity. The Service Order Change Charge, as set forth in 8.1.5(A), applies per order processed.
 - (13) A Centralized Message Dispersion charge will apply when the Telephone Company provides a single point for the receipt of customer message data. The Telephone Company will receive, edit, sort, disperse and confirm the number of accepted billable messages and the total amount due the customer for services provided to its end users. In addition, the rated and/or unrated message data is dispersed to the appropriate location for further processing and/or billing. The rates, as set forth in 8.1.5(A) will apply per message processed. Call Record Provision charges, as set forth in 8.1.5(A) will apply for the receipt of each billable message and the transmission of each unbillable message.



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8.	ANCIL	LARY SERVICES (
8.1	Genera	al (Continued)		
8.1.5	Rates	and Charges		
	(A)	Billing and Colle	ction Services	
		(1)	Program Development Charge: per Hour	\$ 94.00
		(2)	Program Implementation: per Hour	55.00
		(3)	Service Order Change Charge: per Order	4.00
		(4)	MTS/WATS/800 Services Call Recording Service: per Message	.0150
		(5)	MTS/WATS/800 Services Message Processing Service: per Message Assembly and Editing Service: per Message	.0100 .0075
		(6)	Call Record Provision Service Via Magnetic Tape, Per Message Record Transmitted or Received Via Direct Interface, Per Message Record Transmitted or Received	.01 .002
		(7)	Message-Billed Message Bill Processing Service per Message 0 to 8,740,999 calls 8,741,000 to 11,654,599 calls 11,654,600 to 17,481,999 calls 17,482,000 to 26,222,999 calls 26,223,000 to 32,050,000 calls Greater than 32,050,000 calls	.0762 .0400 .0200 .0170 .0160 .0150
		(8)	Bulk-Billed Message Bill Processing Service per Message	.0200 TARIFF BRANCH

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PUBLIC SERVICE COMMISSION OF KENTUCKY

ISSUED: July 17, 2006 EFFECTIVE: AUGUST 1, 2006 Vice President BY: Lexington, Kentucky 8. ANCILLARY SERVICES (Continued) 8.1 General (Continued) 8.1.5 Rates and Charges (Continued) (A) Billing and Collection Services (Continued) (9) MTS/WATS/800 Service **Bill Rendering Service** per Bill 0 to 206,100 .3500 206,101 to 297,700 .3000 297,701 to 1,282,999 .2700 1,283,000 to 1,373,999 .2500 Greater than 1,373,999 .2300 MTS/WATS/800 Services (10)Message Investigation, per Message 2.50 (11) General Billing Service With Inquiry, per Message .1007 Without Inquiry, per Message .0929 Adjustment, per Message 2.00 (12) (Reserved for Future Use) 10.00 EC Memo, per Account (13) (14) Record Keeping, per Account .0300 (15) Centralized Message Dispersion charge, per message .002

(B) In accordance with 8.1.2(C)(1)(b), the rates and charges will be developed on an individual case basis and listed below.

(Reserved for Future Use)

(C) In accordance with 8.1.2(C)(2)(c), the rates and charges will be developed on an individual case basis and listed below:

(Reserved for Future Use)



WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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Lexington, Kentucky

8. <u>ANCILLARY SERVICES</u> (Continued)

8.2 <u>Operator Services</u>

Operator Services described in this Section will be provided to access customers as an optional feature in conjunction with Feature Group C (FGC) or Feature Group D (FGD) Switched Access Services from designated Operator Services Switching locations in those LATAs where the Telephone Company has the capability to provide such services. Operator Services include Operator Transfer and Inward Operator Assistance functions which enable a customer to provide operator related services t their end users. A customer may order both Operator Transfer and Inward Operator Assistance Services or may order them individually.

8.2.1 General Description

(A) Operator Transfer Service

Operator Transfer Service is an originating service that provides call transfer of 0- (the digit 0 with no additional digits) intrastate calls to a participating customer as requested by the calling end user. Operator Transfer Service is provided when an end user dials "0" and is routed to the Telephone Company's operator and requests completion of an intrastate call. Operator Transfer Service provides for the routing of the call from the Telephone Company's Operator Services Switching Location to one customer designated location in the same LATA.

The Telephone Company operator will ask the end user to identify the customer to which they desire to be connected. The operator will then transfer the call to the designated customer.

If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of participating customers. The list of participating Operator Transfer Service customers will be updated monthly. The order in which participating customers will appear on the list will be initially determined by use of a random drawing. For each subsequent monthly update following the initial selection, the customer in the first position will be moved to the last position on the list. All other customers will be moved up one position. New operator Transfer Service customers will be placed at the bottom of the list of participating customers pending the next monthly update.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.2 <u>Operator Services</u> (Continued)
- 8.2.1 <u>General Description</u> (Continued)
 - (B) Inward Operator Assistance Service

Inward Operator Assistance Service provides for operator assistance on inward calls received from a customer's operator. Three Inward Operator Assistance functions are provided as described below. Each call may include any combination of functions for the same telephone number. Only one telephone number per call will be handled by the operator.

- (1) Busy Line Verification The Telephone Company operator, at the request of the customer's operator, will determine the status of an exchange service line (e.g., conversation in progress) and report the status to the customer's operator. The Telephone Company operator will not complete the call after performing Busy Line Verification.
- (2) Busy Line Interrupt The Telephone Company operator will, at the request of the customer's operator, interrupt conversation on the line and inform the called party that an attempt to place a call to that line is being made. The Telephone Company operator will not complete the call after performing Interrupt.
- (3) Operator Assistance The Telephone Company operator will provide the customer's operator with assistance or information regarding service conditions.

8.2.2 <u>Service Provisioning</u>

(A) The Telephone Company will provide Operator Transfer Service for calls originating from all end offices within the LATA served by a designated Operator Services Switching Location.

The Telephone Company will provide Inward Operator Assistance Service for calls associated with exchange service lines in end offices served by the Operator Services Switching Location.

A list of end offices served by the Operator Services Switching Location will be provided to the customer upon request.



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- BY: Vice President Lexington, Kentucky
- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.2 <u>Operator Services</u> (Continued)
- 8.2.2 <u>Service Provisioning</u> (Continued)
 - (B) Operator Services will be provided over FGC or FGD trunk groups, arranged for either one-way or two-way calling, from the Operator Services Switching Location to one customer designated location in the same LATA. Both Operator Transfer and Inward Operator Assistance traffic may be combined on the same trunk group.
 - (C) Switched Access used in conjunction with Operator Services will be provisioned in accordance with the technical specifications and requirements set forth in Section 4 of this tariff.
 - (D) Designated Telephone Company Operator Services Switching Locations are identified in The National Exchange Carrier Association Tariff FCC No. 4. The designated locations will be in those LATAs in which the Telephone Company is able to provide Operator Services.

8.2.3 Rate Regulations

Where the Telephone Company has measurement capability for Operator Services per call charges, the Telephone Company will bill the actual usage measured on a per call basis. For Operator Transfer Service, FGC and FGD access minutes will also be billed in addition to the per call charge.

When measurement capability is not available, the customer shall furnish a forecast of the number of calls (call capacity) anticipated for each month of the succeeding year by type of call (i.e., Operator Transfer and Inward Operator Assistance calls) and by Operator Services Switching Location at the time the order is placed. For mixed intrastate and interstate services, the customer's estimate shall include the percent of intrastate calls. At a minimum, the customer shall revise this forecast annually. More frequent revisions of the forecast may be submitted, however, no more than once per month.

Such estimates shall be used as a basis for billing the Operator Services per call charges until such time as the Telephone Company has actual measurement capability available. The customer shall maintain records supporting such estimates.



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- 8. <u>ANCILLARY SERVICES</u> (Continued)
- 8.2 <u>Operator Services</u> (Continued)
- 8.2.3 <u>Rate Regulations</u> (Continued)
 - (A) <u>Operator Transfer Service</u>

Operator Transfer Service Rate

The Operator Transfer Service Rate is assessed per 0- call transferred to a customer. A 0- call is considered transferred when the Telephone Company operator activates the transfer function sending the call to the designated customer.

Switched Access Charges

FGC and FGD Switched Access usage charges and Carrier Common Line Charges will also apply per minute of use for Operator Transfer Service.

(B) Inward Operator Assistance Service

Inward Operator Assistance Service includes the functions of Busy Line Verification, Busy Line Interrupt and Operator Assistance. The Inward Operator Assistance rate applies on a per call basis. Each call may include any combination of functions for the same telephone number. A call is considered an Inward Operator Assistance call when the call is received at the Telephone Company's operator position.

Switched Access Charges

FGC or FGD Switched Access usage charges do not apply to Inward Operator Assistance Service.

8.2.4 Rates and Charges

(A)	Operator Transfer Service	Rate
	Per call transferred	\$.35
(B)	Inward Operator Assistance Service	
	Per call, per telephone number	.65



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9. SPECIAL FACILITIES ROUTING OF FIA

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9. SPECIAL FACILITIES ROUTING OF FIA

9.1 Description of Special Facilities Routing of FIA

The FIA provided under this tariff are provided over such routes and facilities as the Telephone Company may elect. Special routing is involved where, in order to comply with requirements specified by the customer, the Telephone Company provides Switched Access, Special Access or Special Federal Government Services in a manner which includes one or more of the following conditions.

9.1.1 Diversity

Where two or more FIA must be provided over not less than two different physical routes.

9.1.2 <u>Avoidance</u>

Where a FIA must be provided on a route which avoids specified geographical locations.

9.1.3 <u>Cable-Only Facilities</u>

Where certain voice grade FIA are provided on cable-only facilities to meet the particular needs of a customer. FIA is provided subject to the availability of cable-only facilities. In the event of FIA failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

Avoidance and Diversity are available on Switched Access as set forth in Section 4, Special Access as set forth in Section 5 and Special Federal Government Services as set forth in Section 11. Cable-only facilities are available for Switched Access as set forth in Section 4, voiceband Special Access as set forth in 5.2.1 and Special Federal Government Services as set forth in Section 11.

In order to identify any special routing requirement, the Telephone Company will provide the ordering customer with the required routing information for each specially routed FIA. If requested by the customer, this information will be provided when the FIA is installed and prior to any subsequent change in routing.



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- 9. <u>SPECIAL FACILITIES ROUTING OF FIA</u> (Continued)
- 9.1 <u>Description of Special Facilities Routing of FIA</u> (Continued)
- 9.1.3 Cable-Only Facilities (Continued)

The rates and charges for Special Facilities Routing of FIA as set forth in 9.2 are in addition to all other rates and charges that may be applicable for FIA provided under other sections of this tariff.

9.2 Rates and Charges

The rates and charges for Special Facilities Routing of FIA are as follows:

9.2.1 <u>Diversity (USOC - SYD++)</u>

For each FIA provided in accordance with 9.1.1 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.2 <u>Avoidance (USOC - SYA++)</u>

For each FIA provided in accordance with 9.1.2 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.3 Diversity and Avoidance Combined (USOC - SYB++)

For each FIA provided in accordance with 9.1.1 and 9.1.2, combined, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)

9.2.4 <u>Cable-Only Facilities (USOC - SYC++)</u>

For each FIA provided in accordance with 9.1.3 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

(Reserved for Future Use)



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10. SPECIAL CONSTRUCTION

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10. SPECIAL CONSTRUCTION

10.1 <u>General</u>

This section contains the regulations, rates and charges applicable for Special Construction of Telephone Company facilities which are used to provide FIA offered under this tariff.

When Special Construction of FIA is required, the provisions of this section apply in addition to regulations, rates and charges set forth in other sections of this tariff.

10.1.1 Conditions Requiring Special Construction

Special Construction is required when facilities are not available to meet a customer's ASR and one or more of the following conditions exist:

- The Telephone Company has no other requirement for the facilities constructed at the customer's request;
- The customer requests that FIA be furnished using a type of facility, or via a route, other than that which the Telephone Company would otherwise utilize in furnishing the requested FIA;
- The customer requests the construction of more facilities than is required to satisfy its ASR;
- The customer requests construction be expedited resulting in added cost to the Telephone Company;
- The customer requests that temporary facilities be constructed until permanent facilities are available.

10.1.2 Filing of Charges

Charges and liabilities for Special Construction will be filed in 10.4, 10.5 and 10.6 following.

When Special Construction is required under conditions that preclude the filing of charges in full accordance with the FCC's Rules and Regulations (e.g., unavailability of cost details, short notice service date):

- (A) Notification will be made to the FCC that Special Construction will be provided in accordance with Special Permission No. 83-867.
- (B) After charges have been filed and have become EFFECTIVE they will apply from the date that the Special Construction was provided.



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- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.1 <u>General</u> (Continued)
- 10.1.2 <u>Filing of Charges</u> (Continued)
 - (C) Charges and/or Maximum Termination Liabilities for Special Construction of facilities provided by a Connecting Carrier are developed by the Connecting Carrier and are filed by the Telephone Company in this tariff on its behalf.
 - (D) Regulations and charges for Special Construction of facilities provided by Other Participating Carriers are filed in their tariffs.

10.1.3 Ownership of Facilities

The Telephone Company retains ownership of all specially constructed facilities, except for those facilities constructed by connecting companies or carriers, even though the customer may be required to pay Special Construction charges.

10.1.4 Interval to Provide FIA

Based on available information and the type of FIA ordered, the Telephone Company will establish a scheduled date for the installation of necessary facilities. The date will be established on an Individual Case Basis and provided to the customer. The Telephone Company will make every reasonable effort to assure that the date is met. However, circumstances beyond the Telephone Company's control (e.g., backorder of components) may force a reschedule, and a new completion date will be established with the customer when appropriate.

10.1.5 Special Construction Involving Interstate and Intrastate FIA

When Special Construction involves facilities to be used to provide both interstate and intrastate FIA, charges for the portion of the construction used to provide intrastate FIA shall be in accordance with this Tariff. Charges for the portion of the construction used to provide interstate FIA shall be in accordance with the Windstream Telephone System Tariff FCC No. 1.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 Liabilities, Charges and Payments
- 10.2.1 General

This section describes the various charges and liabilities that apply when the Telephone Company provides Special Construction of FIA, as outlined in 10.1.1 preceding, in accordance with a customer's specific request. Once the customer is notified of all charges and liabilities, the customer must provide the Telephone Company with written approval prior to the start of construction. If more than one condition requiring Special Construction is involved, charges for each condition apply (see Conditions Requiring Special Construction, 10.1.1 preceding).

10.2.2 Payment of Charges

Payment is due upon presentation of a bill for the specially constructed facilities.

10.2.3 Start/End of Billing

Billing of recurring charges for specially constructed FIA starts on the day after the FIA are provided. Billing accrues through and includes the day that the specially constructed FIA are discontinued. Monthly charges will be billed one month in advance.

10.2.4 <u>Partial Payments</u>

The Telephone Company will require a customer which has a proven history of late payments to the Telephone Company, or does not have established credit, to make a partial payment for the portion of the estimated cost of the Special Construction for which the customer is subject to a nonrecurring charge. Partial payments will be required as costs are incurred and will be credited to the customer's account. Partial payments will not exceed the total nonrecurring charge to the customer for the Special Construction.



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- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.5 Development of Liabilities and Charges

The customer has the option of accepting the liabilities and charges based on estimated or actual costs. Estimated costs will be used unless the customer notifies the Telephone Company of the selection of the actual cost option in writing prior to the start of Special Construction.

Under the estimated cost option, Special Construction liabilities and charges are developed based on estimated costs and will be filed in this tariff.

Under the actual cost option, if all actual costs are not available prior to the in-service date of the FIA, estimated Special Construction charges will be filed in this tariff. As soon as the actual costs, including costs of maintaining and filing these costs, are subsequently determined, the estimated charges will be adjusted to reflect the actual costs. The filed charges will then reflect actual costs existing at the time the FIA are provided.

10.2.6 Type of Contingent Liabilities

Depending on the specifics associated with each individual case the following Maximum Termination Liability may be applicable for Special Construction.

(A) <u>Maximum Termination Liability</u> (USOC - MLY)

A MTL has two components, an amount and a specified period of time.

The amount is equal to all nonrecoverable costs less the net salvage value (e.g., depreciation, return, income tax associated with the specially constructed facilities). The amount will be amortized over the average account life of the specially constructed facilities. The standard liability period is the average account life of the Specially Constructed facilities expressed in years.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.6 Type of Contingent Liability (Continued)
 - (A) <u>Maximum Termination Liability</u> (Continued)

At the customer's option, an optional liability period shorter than the average account life may be established. If the customer chooses an optional liability period, the MTL amortization schedule will not change. The remaining MTL amount for the period between the expiration of the optional liability period and the expiration of the amortization schedule will be due as a lump sum payment (LS) at the time the optional liability period expires unless the case of Special Construction is extended.

Prior to the expiration of an optional liability period the customer has the option to (A) extend the use of the specially constructed FIA establishing a new liability period, or (B) terminate the case of Special Construction and pay the lump sum payment.

The Telephone Company will notify the customer six months in advance of the expiration date of the optional liability period. The customer must provide the Telephone Company with written notification of its intentions to be received one month prior to expiration of the optional liability period. Failure to do so, and payment of the next month's charges, will result in extension of the case of the Special Construction and the establishment of a new liability period equal to the remaining amortization period. A Case Preparation Charge will always apply if the Special Construction case is extended.

The MTL and the liability period applicable to specific cases of Special Construction are as set forth in 10.4, 10.5 and 10.6 following.

(B) <u>Reduction on Maximum Termination Liability</u>

The time frames for MTL for Special Construction are expressed by an EFFECTIVE date and an expiration date. The MTL will be reduced for each month the Special Construction FIA is in service. For example, if the MTL period is 10 years, for each month in service the MTL would be reduced 1/120th.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 Liabilities, Charges and Payments (Continued)
- 10.2.7 <u>Types of Charges</u>

Two categories of charges may be applicable for Special Construction. These charges are nonrecurring charges and recurring charges. These categories are described below.

(A) <u>Nonrecurring Charges</u>

One or more of the following nonrecurring charges may apply for each case of Special Construction: case preparation, termination, cancellation, expediting the construction, or optional payment charges.

- (1) (Reserved for Future Use)
- (2) <u>Case Preparation Charge</u> (USOC QPA)

The charge for case preparation includes the administrative expense associated with preparing and listing the charges in the tariff. This expense includes such items as: (a) tariff preparation and processing and (b) gross receipts and surcharge taxes.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (A) <u>Nonrecurring Charges</u> (Continued)
 - (3) <u>Termination Charge</u> (USOC MLY)

A Termination Charge applies when, at the customer's request, FIA provided on specially constructed facilities which have a tariffed Maximum Termination Liability are discontinued prior to the expiration of the liability period.

The charge reflects the unamortized portion of the nonrecoverable cost at the time of termination of the specially constructed FIA adjusted for tax effects, for net salvage and for possible reuse. Administrative costs associated with the specific case of Special Construction and any cost for restoring a location to its original condition are also included. Termination Charges will never exceed the MTL.

(4) <u>Cancellation Charge</u>

If the customer cancels an ASR with which Special Construction is associated prior to the inservice date of the FIA, a Cancellation Charge will apply. The charge will include all nonrecoverable costs less the net salvage value incurred by the Telephone Company up to and including the time of cancellation.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (A) <u>Nonrecurring Charges</u> (Continued)
 - (5) <u>Expediting Charge</u> (USOC EOD)

An Expediting Charge applies when a customer requests that Special Construction be completed on an expedited basis. The charge is equal to the difference in the estimated cost of construction on an expedited basis and construction without expediting.

(6) Optional Payment Charge (USOC - FPAPP)

The customer may elect to pay an Optional Payment Charge when it requests Special Construction of facilities utilizing (1) a type of facilities or (2) a route other than that which the Telephone Company would otherwise utilize in furnishing the requested service. Payment of this charge will result in a lower recurring charge for the Special Construction. This election must be made in writing, before Special Construction starts.

If this election is coupled with the actual cost option, the Optional Payment Charge will reflect the actual cost of the specially constructed facilities.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 Liabilities, Charges and Payments (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (A) <u>Nonrecurring Charges</u> (Continued)
 - (6) Optional Payment Charge (Continued)
 - (a) Development of Optional Payment Charge

This charge is equal to the excess installed cost or the total nonrecoverable cost, whichever is less (based on estimated or actual costs as elected by the customer).

Example 1:

Total Installed Cost	\$30,000
Nonrecoverable	20,000
Normal Installed Cost	17,000
Total Installed Cost	30,000
Minus Normal Installed Cost	17,000
Equals Excess Installed Cost	13,000
Optional Payment Charge	13,000
Nonrecoverable Cost Minus Optional Payment Charge Equals Investment for MTL	20,000 13,000
Computation Remaining Recoverable Excess Installed Cost	7,000 0

Since the total installed cost is \$30,000 and the normal installed cost would have been \$17,000, the nonrecurring charge (optional payment) is limited to the difference (i.e., \$13,000). A Maximum Termination Liability would then be established to protect the remaining nonrecoverable cost of \$7,000 which is the difference between the total nonrecoverable cost (\$20,000) and the nonrecurring charge (\$13,000). The remaining excess installed cost in this example is zero. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.



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10.2	Liabilities, Charge	es and Payments (Continued)	
10.2.7	Types of Charges	s (Continued)	
	(A) <u>Nonrecur</u>	ring Charges (Continued)	
	(6)	Optional Payment Charge (Continued)	
		(a) Development of Optional Payment Charge (Continued)	
		Example 2:	
		Total Installed Cost Nonrecoverable Cost Normal Installed Cost	\$30,000 10,000 17,000
		Total Installed Cost Minus Normal Installed Cost Equals Excess Installed Cost Optional Payment Charge	30,000 17,000 13,000 10,000
		Nonrecoverable Cost Minus Optional Payment Charge Equals Investment for MTL Computation Remaining Recoverable Excess Installed Cost	10,000 10,000 0 \$ 3,000
		The Option Payment Charge is limited to the nonrecove Optional Payment Charge equals the nonrecoverable Maximum Termination Liability. In addition, a recurring of	cost. Therefore, there is no

Maximum Termination Liability. In addition, a recurring charge will be developed as set forth in 10.2.7 (B) following.



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 Liabilities, Charges and Payments (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (A) <u>Nonrecurring Charges</u> (Continued)
 - (6) Optional Payment Charge (Continued)
 - (b) Replacement Charge

If any portion of the specially constructed FIA, for which an Optional Payment Charge has been paid, requires replacement involving capital investment, a charge for replacement will apply. This charge will be in the same ratio as the initial Optional Payment Charge was to the installed cost of the specially constructed FIA. The customer will not notified in writing that the replacement is required. Replacement will not be made without the customer's ASR. If any portion of the FIA subject to the replacement charge fails, the FIA will not be restored until the customer orders the replacement.

Example:

Original Total Installed Cost Original Optional Payment	\$30,000
Charge Subsequent Cost of Replacement	15,000 2,000
Original Optional Payment Charge x Replacement Cost Total Installed Cost	
\$15,000 x \$2,000 = 1,000 \$30,000	
Replacement Charge	\$ 1,000



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (B) <u>Recurring Charges</u>

These charges apply on a monthly or annual basis for specially constructed FIA. There are three conditions for which recurring charges apply:

- When a customer requests the construction of more facilities than are necessary to provide the FIA currently ordered.
- When a customer requests a facility route or type other than that which the Telephone Company would utilize to provide FIA.
- When a customer's request results in the Telephone Company leasing transmission or other equipment from private vendors to provide FIA (Lease Charge).
- (1) Excess Capacity Charge

An Excess Capacity Charge applies when the customer requests more facilities be constructed than are required to satisfy the customer's ASR. The charge is based on the estimated cost difference between the facilities constructed at the customer's request and the facilities actually required to meet the customer's ASR.



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- 10. SPECIAL CONSTRUCTION (Continued)
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- 10.2.7 <u>Types of Charges</u> (Continued)
 - (B) <u>Recurring Charges</u> (Continued)
 - (1) Excess Capacity Charge (Continued)

Example:

A customer has an immediate FIA requirement which would require a 100 pair cable but requests the installation of a 300 pair cable to allow for growth.

Total Installed Cost (300 Pair)	\$2,500
Estimated Annual Cost	920
Estimated Installed Cost (100 Pair)	1,000
Estimated Annual Cost	368

Excess Recurring Charge: Annually \$920 - \$368 = \$552 Monthly <u>\$552</u> 12 = \$46

This charge applies until such time as the customer orders sufficient FIA to necessitate use of a larger size cable (e.g., 200 pair cable). At that time the recurring charge is adjusted as indicated in the following example:

Total Installed Cost (300 Pair)	\$2,500
Estimated Annual Cost	920
Estimated Installed Cost (200 Pair)	1,900
Estimated Annual Cost	683

Excess Recurring Charge: Annually \$920 - \$683 = \$237 Monthly <u>\$237</u> 12 = \$19.75



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- 10. SPECIAL CONSTRUCTION (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (B) <u>Recurring Charges</u> (Continued)
 - (1) Excess Capacity Charge (Continued)

The charge is revised in this manner until the number of FIA being provided would require a 300 pair cable, at which time the Excess Capacity Charge is no longer applied. The charge would be reapplied if the number of FIA declined to a level which would not require a 300 pair cable.

Such charges will continue to apply to all facilities held in abeyance until the period of termination liability expires. If facilities are still held in abeyance after the termination liability expires, a new schedule of rates will be calculated and such rates will apply as long as facilities are held in abeyance for the customer.

- (2) (Reserved for Future Use)
- (3) Charge for Route or Type Other Than Normal

When the customer requests Special Construction using a route or type of FIA other than that which the Telephone Company would normally use, a recurring charge is applicable. The charge is the difference between the estimated recurring costs of the specially constructed FIA and the estimated recurring costs of the FIA the Telephone Company would normally use. The charge will be no greater than the recurring costs of the specially constructed FIA.



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- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.7 <u>Types of Charges</u> (Continued)
 - (B) <u>Recurring Charges</u> (Continued)
 - (3) <u>Charge for Route or Type Other Than Normal</u> (Continued)
 - (a) If the customer elects to pay an Optional Payment Charge, the portion of the recurring charge for the excess investment covered by the optional payment excludes capital cost items (depreciation, return on investment and federal income tax on that return). The remaining recurring expense costs items associated with the optional payment (maintenance, administration, and other taxes) are increased by a ten percent management fee and will be included in the recurring charge.

The portion of any recurring charge associated with any remaining Special Construction investment will include both capital and expense costs. The ten percent management fee is not applied to this portion of the recurring charge.

- (b) If the customer has elected the actual cost option, the recurring charge will be adjusted to reflect the actual cost of the new construction when the cost is determined. This adjusted recurring charge is applicable from the start of FIA.
- (4) Lease Charge

A Lease Charge applies when the Telephone Company leases equipment (e.g., portable microwave equipment) in order to provide FIA to meet the customer's requirements. The amount of the charge is the net added cost to the Telephone Company caused by the lease.



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- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.2 <u>Liabilities, Charges and Payments</u> (Continued)
- 10.2.8 Application of Charges

The charges for Special Construction are those charges which are in effect for the period that the Special Construction is furnished. If the charges for a period covered by a bill change after the bill has been rendered, the bill will be adjusted to reflect the new charges. Charges are based on Special Construction of (A) permanent FIA or (B) temporary FIA.

- (A) Special Construction of Permanent FIA
 - (1) Special Construction When Not Available and There is No Other Requirement for Them

When permanent FIA are not available the Telephone Company constructs them and there is no other Telephone Company need for the specially constructed FIA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

(2) <u>Special Construction Using a Route or Type of FIA Other Than Normal</u>

When the specially constructed FIA involve a route or type of FIA other than that which the Telephone Company would ordinarily use, charges are based on the difference between the estimated costs of the specially constructed FIA and those the Telephone Company would ordinarily use. A nonrecurring charge, a recurring charge, and a Maximum Termination Liability may be applicable.

(3) <u>Special Construction of a Greater Quantity of FIA Than Necessary to Satisfy the Customer's</u> <u>Order for Service</u>

When the Telephone Company constructs more FIA than is required to satisfy the customer's ASR, additional charges will apply. These charges may include a nonrecurring charge, a recurring charge, and a Maximum Termination Liability.



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- BY: Vice President Lexington, Kentucky
- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.2 Liabilities, Charges and Payments (Continued)
- 10.2.8 Application of Charges (Continued)
 - (A) <u>Special Construction of Permanent FIA</u> (Continued)
 - (4) Special Construction Expedited at Greater Cost Than Would Otherwise be Incurred

When construction is expedited resulting in added costs, a nonrecurring Expediting Charge applies.

(B) Special Construction of Temporary FIA Order

When permanent FIA are not available and temporary FIA are constructed pending the construction of permanent FIA, a nonrecurring charge, and a Maximum Termination Liability may be applicable.

- 10.3 Deferral of the In-Service of FIA
- 10.3.1 General

The customer may request the Telephone Company to defer the in-service of FIA on specially constructed FIA subject to the provisions as set forth in 3.2.2(B) preceding. If the deferral is not in compliance with the provisions as set forth in 3.2.2(B), the Special Construction case is considered to be cancelled and cancellation charges apply. Requests for deferral must be in writing and are subject to the following regulations.

10.3.2 <u>Construction Has Not Started</u>

If the Telephone Company has not incurred any costs (e.g., engineering and/or installation) before receiving the customer's request for deferral, no charge applies other than the Case Preparation Charge. However, the original quotation is subject to the Telephone Company review at the time of reinstatement to determine if the original charges are still valid. Any change in liabilities and charges requires the concurrence of the customer in writing. Additional Case Preparation Charges will also apply.



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- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.3 <u>Deferral of the In-Service of FIA</u> (Continued)
- 10.3.3 Construction Has Started But Is Not Complete

If the construction of FIA has started, but has not been completed, before the Telephone Company receives the customer's request for deferral, charges apply. The charges vary depending on whether all or some of the FIA ordered are deferred.

(A) All FIA Are Deferred

When all FIA involving Special Construction are deferred, a charge equal to the costs incurred during each month of the deferral applies. Those costs include the recurring costs for that portion of the FIA already completed and any other costs associated with the deferral. The Case Preparation Charge also applies.

(B) Some But Not All FIA Are Deferred

When some, but not all, FIA utilizing the specially constructed FIA are deferred, the Special Construction case will be completed. Maximum Termination Liabilities will apply in addition to Case Preparation Charges and any recurring charges associated with the Special Construction.

10.3.4 <u>Construction Complete</u>

If the construction of FIA has been completed before the Telephone Company receives the customer's request for deferral, the Case Preparation Charge as originally determined, will apply and any recurring charges associated with the Special Construction. The maximum termination liability period will begin when the customer accepts the service.



FACILITIES FOR INTRASTATE ACCESS

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- BY: Vice President Lexington, Kentucky
- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.4 (Reserved for Future Use)
- 10.5 Charges for Customers Choosing the Standard Liability Period to Provide Permanent FIA

This section contains the Special Construction charges to provide permanent FIA to individual customers. Charges are developed on an Individual Case Basis for a specific customer and filed in this section.



FACILITIES FOR INTRASTATE ACCESS

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BY: Vice President Lexington, Kentucky

- 10. <u>SPECIAL CONSTRUCTION</u> (Continued)
- 10.6 Charges to Provide Temporary FIA

This section contains the Special Construction charges to provide temporary facilities to individual customers. Charges are developed on an Individual Case Basis for a specific customer and filed in this section.



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11. SPECIAL FEDERAL GOVERNMENT FIA

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11. SPECIAL FEDERAL GOVERNMENT FIA

11.1 <u>General</u>

This section covers FIA that are provided for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. FIA provided to state emergency operations centers are included. These FIA provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

FIA for command and control communications and for national security and emergency preparedness are sometimes required within a short time frame. These provisions are especially needed to meet presidential requirements or in response to natural, man made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of FIA under these conditions may require the availability of facilities, such as portable microwave equipment, etc., which are provided on a temporary basis.

11.2 <u>Emergency Conditions</u>

These FIA will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

State of Crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad (includes space vehicle recovery and protection efforts).

Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.



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11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)

11.2 <u>Emergency Conditions</u> (Continued)

The Director (Cabinet level) of a Federal Department, Commander of a Unified/Specified Command, or Head of a Military Department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.

Political unrest in foreign countries which affect the National Interest.

Presidential Service.

11.3 Intervals to Provide FIA

ASRs may be placed under the provisions set forth in 3.2.1 preceding.

- 11.4 (Reserved for Future Use)
- 11.5 <u>Safeguarding of FIA</u>
- 11.5.1 (Reserved for Future Use)
- 11.5.2 FIA Availability

In order to insure communications during periods of emergency, the Telephone Company will (within the limits of good management) make available the necessary facilities to restore FIA in the event of damage or to provide temporary emergency FIA.

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize Government-owned facilities, when necessary, to provide FIA.



FACILITIES FOR INTRASTATE ACCESS

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11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)

11.6 <u>Federal Government Regulations</u>

FIA provided to the Federal Government will be billed in arrears, as required by Federal procurement or disbursement regulations, or as established by law. ICs providing service to the Federal Government are not entitled to the benefits of those laws or regulations providing for billing the Federal Government in arrears.

- 11.7 (Reserved for Future Use)
- 11.8 FIA Offerings to the Federal Government

The following FIA are provided only for agencies or branches of the Federal Government. Access Services provided to the Federal Government but not specified in the following will be provided in accordance with the regulations and at the rates contained in other sections of this tariff.

- 11.8.1 <u>Type and Description</u>
 - (A) Voiceband Special Access
 - (1) <u>Voice Grade Secure Communications Type I</u> (USOC – GOV1X)

Approximate bandwidth of 10-50000 Hz. Furnished for two-point secure communications on two-wire or four-wire metallic facilities between two or more customer designated locations and an end user's premises. Special Access is conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

15 dB at 10 Hz 13 dB at 100 Hz 12 dB at 1000 Hz 20 dB at 10000 Hz 30 dB at 50000 Hz



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- 11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)
- 11.8 FIA Offerings to the Federal Government (Continued)
- 11.8.1 <u>Type and Description</u> (Continued)
 - (A) <u>Voiceband Special Access</u> (Continued)
 - (1) <u>Voice Grade Secure Communications Type I</u> (Continued)

Additional conditioning (available in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dB at 1000 Hz <u>+</u> 1 dB between 1000 Hz and 40000 Hz <u>+</u> 2 dB between 10 Hz and 50000 Hz (+ means more loss)

The net loss of the conditioned Special Access (with or without additional conditioning) shall not vary by more than 4 dB at 1000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

(2) <u>Voice Grade Secure Communications Type II</u> (USOC – GOV2X)

Approximate bandwidth 10-50000 Hz. Furnished on two-wire metallic facilities for duplex operation for two-point secure communication between a customer designated location and an end user's premises. Special Access is conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type 1 Special Access without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.



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- 11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)
- 11.8 FIA Offerings to the Federal Government (Continued)
- 11.8.1 <u>Type and Description</u> (Continued)
 - (A) <u>Voiceband Special Access</u> (Continued)
 - (3) <u>Voice Grade Secure Communications Type III</u>

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between a customer designated location and an end user's premises. Special Access is conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the customer designated location to the end user's premises shall be the same as the Voice Grade Secure Communications Type I Special Access without additional conditioning; and from the end user's premises to the customer designated location shall be the same as Voice Grade Secure Communications Type I Special Access with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(4) <u>Voice Grade Secure Communications Type IV</u> (USOC – GOV4X)

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operations for two-point secure communications between two customer designated locations. Special Access is conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I Special Access with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.



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- BY: Vice President Lexington, Kentucky
- 11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)
- 11.8 <u>FIA Offerings to the Federal Government</u> (Continued)
- 11.8.1 <u>Type and Description</u> (Continued)
 - (B) Special Wideband Digital Special Access

Special Access arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) <u>Wideband Secure Communications Type I</u> (USOC - GW1++)

For transmission at the rate of 18,750 bits per second.

(2) <u>Wideband Secure Communications Type II</u> (USOC - GW2++)

For transmission at the rate of 50,000 bits per second.

(3) <u>Wideband Secure Communications Type III</u> (USOC - GW3++)

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of 20 microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

11.8.2 <u>Mileage Application</u>

Mileage for rate application is the airline distance measured between the two related Special Access terminating points (i.e., customer designated location and end user premises).

11.8.3 Rates and Charges

Notification will be made to the FCC that Special Federal Government FIA will be provided in accordance with Special Permission No. 83-867.



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(B)

- 11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)
- 11.8 FIA Offerings to the Federal Government (Continued)
- 11.8.3 <u>Rates and Charges</u> (Continued)
 - (A) Voiceband Special Access

The provision of T-3 and G conditioned Special Access contemplates station and tandem switching operations using customer provided equipment, as well as Special Access. Separate narrowband or voice grade Special Access, where required by the customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

Voice Grade Secure <u>Communications</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	Termination Charges
Type I, each (USOC - GC/ T-3 Conditioning Additional Conditioning,	A++)	ICB rates and charges only	
per Special Access termination	-)	CB rates and charges only	
Type II, each (USOC - GCB++) G-1 Conditioning Type III, each (USOC - GCC++) G-2 Conditioning Additional Conditioning,		ICB rates and charges only	
		ICB rates and charges only	
per Special Access termination		ICB rates and charges only	
Type IV, each (USOC - G G-3 Conditioning Additional Conditioning,	JD++)	ICB rates and charges only	
per Special Access termination		ICB rates and charges only	
Special Wideband Digital	Special Access		
Wideband			- ·
Secure Communications	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	Termination Charges
Type I, each		ICB rates and charges apply	
(USOC - GW1++) Type II, each		ICB rates and charges apply	
(USOC - GW2++) Type III, each (USOC - GW3++)11		ICB rates and charges apply	
(0300 - 003++)11			TAR



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- 11. <u>SPECIAL FEDERAL GOVERNMENT FIA</u> (Continued)
- 11.8 <u>FIA Offerings to the Federal Government</u> (Continued)
- 11.8.3 <u>Rates and Charges</u> (Continued)
 - (C) <u>Move Charges</u>

When a Special Access requiring T-3 conditioning, T-3 additional conditioning, or a Special Access requiring G conditioning as set forth in (A) preceding, is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.

When any FIA for which a termination charge is specified is moved and is installed at a new location the customer may elect:

- (1) to pay the unexpired portion of the termination charge for the FIA, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such FIA at the new location, or
- (2) to continue the FIA subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such FIA, provided that the customer requests these charges be quoted prior to ordering the FIA move. Charges for moving such FIA will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of FIA necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, taxes, and any other specific items of cost directly attributable to the move.



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12. CARRIER COMMON LINE SERVICE

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12. <u>CARRIER COMMON LINE SERVICE</u> (Continued)

- 12.3 Obligations of the Customer
- 12.3.1 Switched Access Service Requirements

Switched Access Service associated with the Carrier Common Line charges shall be ordered by the customer under other sections of this tariff.

12.3.2 <u>Supervision</u>

The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

12.4 <u>Rate Regulations</u>

12.4.1 Description and Application of Rates

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff.

When the customer reports interstate and intrastate use of Switched Access Service, Carrier Common Line charges, as set forth in 12.5, will be billed only to intrastate Switched Access Service access minutes. For purposes of application of the monthly charge per access line, the terminating rated minutes will include all originating access minutes of use associated with calls placed to Service Access Code numbers.

The customer will provide a report indicating separate common line information for 500, 700, 800, 877, 888 and 900 access minutes, at a statewide level and by jurisdiction. This report shall also include the applicable Access Customer Name Abbreviation [ACNA(s)].

12.4.2 Local Exchange Access and Enhanced Services Exemption

When access to the local exchange is required to provide a customer service (e.g., MTS/WATS-type, telex, Data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 4, will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line charges, as set forth in 12.5, apply in accordance with the resale rate regulations as set forth in 12.4.3.



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12. CARRIER COMMON LINE SERVICE (Continued)

12.4 <u>Rate Regulations</u> (Continued)

12.4.3 Resold Services

When the customer is reselling MTS/MTS-type services on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain FGA, FGB or FGD Switched Access Service under this tariff, as set forth in Section 4, for originating and/or terminating access in the local exchange. Such access group arrangements, whether single lines or trunks or multi-line hunt groups or trunk groups, will have Carrier Common Line charges, as set forth in 12.5, applied.

When the customer is reselling MTS/MTS-type service, the Telephone Company may request a certified copy of the customer's resold MTS/MTS-type usage billing from either the customer or the provider of the MTS/ MTS-type service. Requests for billing will relate back no more than 12 months prior to the current billing period.

Each of the access group arrangements used by the customer in association with the resold MTS/MTS-type services must be connected either directly or indirectly to the customer-designated premises at which the resold MTS/ MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS/MTS-type services are terminated at the same customer designated premises.

Indirect originating connections are those arrangements where the access groups and the resold originating MTS/MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS/MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS/MTStype services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS/ MTStype services to access groups.



- 12. <u>CARRIER COMMON LINE SERVICE</u> (Continued)
- 12.5 <u>Rates and Charges</u>
 - (A) The monthly rate for Carrier Common Line Service is:

		Monthly <u>Rate</u>	USOC
(1)	Per access line	\$0.000 (R)	FLG

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12. CARRIER COMMON LINE SERVICE (Continued)

- 12.5 <u>Rates and Charges</u> (Continued)
 - (B) <u>Flat Rate Charge Development</u> C = Annual non-traffic sensitive costs, as defined in Administrative Case No. 323, Joint Motion.
 - Qtot = Mid-test year total number of access lines applicable to NTS charge. For purpose of this calculation, "access lines" will be defined as message telephone cost loops per Parts 67 and 69 of the FCC's Rules and Regulations. The access lines are determined from the Central Office Line and Terminal Report and the Telephone Data Report.

Monthly Charge per Access Line = C(Qtot * 12)

(C) Allocation of Access Lines Among Carriers

For purposes of application of the monthly charge per access line, the total number of access lines must be allocated among all carriers. Originating access minutes of use associated with calls placed to Service Access Code numbers which terminate to dedicated access lines will be rated at the terminating rate and included in the allocation process.

- MOU_x = Total monthly terminating access minutes of use for carrier X.
- MOU_{tot} = Total monthly terminating access minutes of use for all carriers.

Number of Access Lines for Carrier X =

<u>MOU_x</u> * Qtot MOU_{tot}

(This step is to be completed for each carrier).



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14. EXCEPTIONS TO FIA OFFERINGS

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14. <u>EXCEPTIONS TO FIA OFFERINGS</u>

14.1 <u>General</u>

The FIA/Services offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, FIA/Services are not offered in the operating territory.



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15. COIN SERVICES

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- 15. COIN SERVICES
- 15.1 <u>General</u>

This section contains the rules and regulations pertaining to the provision of 1+ Coin Presubscription Service for the handling of 1+ interLATA sent-paid traffic from the Telephone Company's pay telephones.

15.2 <u>Service Description</u>

1+ Coin Presubscription Service provides the routing of 1+ interLATA sent-paid calls from Telephone Company pay telephones to the presubscribed 0+ Interexchange Carrier (customer) directly, to its designated secondary service provider, or to the default carrier, provided said carrier continues to accept such default traffic. The default carrier option will expire when the default carrier ceases to accept such traffic or when the presubscribed 0+ provider is able to handle such calls or route them to secondary service provider, whichever comes first. The customer has the following options:

- (1) to receive both 0+ and 1+ interLATA calls originated from Telephone Company pay telephones; or,
- (2) to receive the 0+ interLATA calls and select one secondary service provider per LATA to receive the 1+ interLATA sent-paid traffic; or,
- (3) to receive the 0+ interLATA calls and continue to default the 1+ interLATA sent-paid calls until the presubscribed 0+ provider is ready to handle (to receive both 0+ and 1+ interLATA calls or to receive 0+ interLATA calls and select a secondary service provider per LATA for 1+ interLATA calls) such calls.

The customer is solely responsible for all 0+ and 1+ interLATA calls originating from the Telephone Company pay telephone when it handles 1+ interLATA sent-paid traffic or selects a secondary service provider to handle the 1+ interLATA sent-paid calls.

The Telephone Company must receive written authorization from the customer prior to routing 1+ interLATA sent-paid calls to the selected secondary service provider. If the customer selects a secondary service provider to handle 1+ interLATA sent-paid traffic, any arrangements will be solely between the customer and its selected secondary service provider.



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15. <u>COIN SERVICES</u> (Continued)

15.3 <u>Service Provisioning</u>

The Telephone Company will provide 1+ interLATA sent-paid access from equal access end offices to the customer's designated location via direct routed trunks from the end office or via the Traffic Operator Position System (TOPS) tandems. When the customer orders Modified Operator Services Signaling (MOSS) between a TOPS tandem and the CDL, the customer will be required to order a separate and final trunk group from the TOPS tandem to the CDL for each Numbering Plan Area (NPA) within a LATA to identify the coin originating NPA.

The Telephone Company will provide, where available, two types of call setup signaling from its pay telephone, MOSS and Exchange Access Operator Services System (EAOSS) signaling from the TOPS to the CDL. If the equal access end office is equipped with EAOSS functionality, MOSS or EAOSS signaling can be provided via direct trunking from the end office to the CDL at the customer's option. If the equal access end office is equipped with MOSS functionality, only MOSS will be provided for direct trunking from the end office to the CDL.

15.4 Collection and Remittance of Coin Station Monies

When the customer is provided Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access as set forth in Section 4., the Telephone Company will collect sent-paid monies from pay telephone stations and will remit monies to the customer as set forth in 15.6.4. The Telephone Company will provide message call detail format and bill periods used to determine the monies upon request from the customer.



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15. <u>COIN SERVICES</u> (Continued)

15.5 Provision of Message Call Detail Concerning Coin Station Monies

Where Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access is provided to the customer and the customer wishes to receive the monies it is due for the monies collected by the Telephone Company from coin pay telephone stations, the customer shall furnish to the Telephone Company, at a location specified by the Telephone Company, the customer message call detail for the customer sent-paid (coin) pay telephone calls in accordance with the Telephone Company collection schedule. The customer message call detail furnished shall be in a standard format established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required standard format. If, in the course of Telephone Company business, it is necessary to change the standard format, the Telephone Company will provide notification to the involved customer six months prior to the change. If no customer message call detail is received from the customer for each bill period established by the Telephone Company, the Telephone Company will assume there were no customer sent-paid (coin) pay telephone calls for the period. In addition the customer shall furnish a schedule of its charges for sent-paid (coin) calls to the Telephone Company at a location and date as specified by the Telephone Company. Any change in the customer's schedule of charges shall be furnished to the Telephone Company one day after the change becomes EFFECTIVE.

15.6 Payment of Coin Sent-Paid Monies

The Telephone Company will collect the monies from coin pay telephone stations and will determine the remit amounts due to a customer which is provided Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access as set forth in Section 4. as follows:



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- 15. <u>COIN SERVICES</u> (Continued)
- 15.6 Payment of Coin Sent-Paid Monies (Continued)
- 15.6.1 Bill Period Coin Revenue

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule. The monies collected based on this schedule during each bill period established by the Telephone Company will be identified by coin pay telephone station and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the customer).

15.6.2 <u>Total Customer Coin Revenue</u>

The intrastate Total Customer Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the customer's schedule of charges for sent-paid coin calls. Such Total Customer Coin Revenue will be developed each coin record day.

15.6.3 <u>Recourse Adjustments</u>

For each coin record day, the Telephone Company will subtract from the total customer Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations and coin refunds beyond the Telephone Company's control. Such amount for coin station shortages will be developed by the Telephone Company by multiplying the Total Customer Coin Revenue for each coin record day by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e., total coin revenue equals the Coin Revenue due under exchange tariffs, state toll tariffs and interstate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through an annual special study.



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- 15. <u>COIN SERVICES</u> (Continued)
- 15.6 <u>Payment of Coin Sent-Paid Monies</u> (Continued)
- 15.6.4 Payment of Net Customer Coin Revenue

The Telephone Company will determine the Net Customer Coin Revenue for each coin record day by subtracting from the Total Customer Coin Revenue determined as set forth in 15.6.2 preceding the amount for coin station shortages determined as set forth in 15.6.3 preceding. On the date (payment date) determined by adding 45 days to the coin record day, the Telephone Company will remit payment to the customer for the Net Customer Coin Revenue.

15.6.5 <u>Audit Provisions</u>

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer. Adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

All information received or reviewed by the customer or its authorized representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.



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16. ADVANCED COMMUNICATIONS NETWORKS

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16. ADVANCED COMMUNICATIONS NETWORKS

16.1 <u>General</u>

This section contains the rules and regulations pertaining to the provision of Packet Switching Network Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

16.2 Packet Switching Network Service

16.2.1 <u>Service Description (USOC - P6P)</u>

Packet Switching Network Service uses packet switching technology to provide a switched data transport service. This service uses analog and digital facilities to provide data transport for a variety of interactive (or bursty) data applications between two or more customer designated locations (CDLs). The packet switch will be classified as a CDL.

Packet switching technology divides data streams into packets. The packet network examines routes and transports packets individually without maintaining a physical path between bursts of data. This service is based on CCITT (Consultative Committee on International Telegraphy and Telephony) X.25 protocol and X.75 internetworking protocol. The X.25 and X.75 protocols are international standards developed by the CCITT that provide the foundation for Public Packet Switched Networks. Packet Switching Network Service and features are available where facilities and conditions permit.



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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.2 Packet Switching Network Service (Continued)
- 16.2.2 Service Provisioning

Customers may access the Packet Switching Network through an X.75 internetworking access.

Packet switching carriers with a Data Network Identification Code may interconnect to an access port on the Packet Switching Network with X.75 protocol at transmission speeds of 9.6 Kbps or 56 Kbps. Each X.75 access will require an X.75 Access Port charge, a DDS Special Access Line charge (9.6 Kbps or 56 Kbps), associated DDS Special Transport charges, and Special Access Ordering charges set forth in Section 5.

The Special Access Line and Special Transport charges provide analog or digital connections from the packet carrier's location to the access port on the Telephone Company's packet network. Shared use (ratcheting) to provision the access connection is not permitted.



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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.2 Packet Switching Network Service (Continued)
- 16.2.2 <u>Service Provisioning</u> (Continued)

The special access service associated with packet switching will be subject to the meet point billing requirements set forth in Section 2.

- 16.2.3 <u>Rate Regulations</u>
 - (1) <u>Minimum Period</u>

The minimum service period is one month.

- (2) <u>Rate Application</u>
 - (a) Flat rate network usage will be based on the dedicated access port speed and number of logical channels selected.
 - (b) Flat rates for network usage of the packet network will apply in addition to the monthly recurring charges for X.75 access. Rates applicable for X.75 access include a monthly recurring rate and an installation charge per X.75 access port, and are specified under Section 16.2(E)(1). A DDS Special Access Line charge (9.6 Kbps or 56 Kbps), associated DDS Special Transport and Special Access Ordering charges from Section 5 will also apply.



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- 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)
- 16.2 Packet Switching Network Service (Continued)
- 16.2.4 <u>Rates and Charges</u>

(1)

(2)

			Nonrecurring <u>Charge</u>	Monthly Rate	<u>USOC</u>
X.75 A	ccess, Po	er Port			
(a) (b)	9.6 Kb 56 Kb		\$100.00 100.00	\$ 75.00 130.00	LHT7E LHT7G
Flat Ra	ite Netwo	ork Usage			
(a)	9.6 Kb Access	ps Dedicated s Port			
	1. 2.	with 12 Logical Channels	-	48.00	L38A1
		with 22 Logical Channels	-	88.00	L38B1
	3.	with 32 Logical Channels	-	128.00	L38C1
(b)	56 Kbp Access	os Dedicated s Port			
	1.	with 32 Logical Channels	-	128.00	L38C1
	2.	with 60 Logical Channels		240.00	L38D1
	3.	with 90 Logical Channels	-	360.00	L38D1



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16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u>
- 16.3.1 Service Description

Asynchronous Transfer Mode (ATM) Service is a form of "fast packet" switching service for high speed networks which require flexible bandwidth, high-performance transport and switching for connectivity between and among widely distributed Customer locations. ATM is a cell-based, connection-oriented, switching and multiplexing technology designed to be a fast, general-purpose transfer mode for multiple services.

ATM Network Service conforms to protocol standards created by the ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union, formerly Consultative Committee for International Telegraph and Telephone (CCITT) and American National Standards Institute (ANSI), publications T1.511, T1.627 and T1.630.

ATM is a high-bandwidth medium with low delay and has the capability to be switched to a specific destination.

ATM Service is available where facilities and conditions permit.

16.3.2 Service Provisioning

ATM is a data networking technology that uses 53 byte cells, consisting of a 5 byte header which contains addressing, payload type and network priority information and a 48 byte payload for data. The cells are transmitted through an ATM network in a "real time" (low delay in transmission) or "non-real time" sensitive manner on virtual channels.

ATM Service can be provisioned over DS1, DS3, OC3c, and OC12c access channels.

Company may setup access arrangements on behalf of Customer. Access facilities arranged by Company will be billed at the rates provided by the underlying carrier. Any special construction or non-standard charges assessed by carrier supplying the local access will also be the responsibility of Customer.

A. UNI Port and Access Line

Customers can subscribe to ATM Service based on the speed of the port connection (i.e., DS1, DS3, OC3c or OC12c facilities) applicable for each physical connection to the network switch supporting ATM Service. A port is the entry point on the switch to which Customer is connected. Ports are available which allow connection to the ATM network at speeds of DS1 to OC12c. Each port can accommodate multiple PVCs. UNI Port and Access Lines are available on a one-, three- or five-year Optional Payment Plan (OPP).

B. UNI Port Only

Customers can order port only access based on the speed of port connection (i.e., DS1, DS3, OC3c or OC12c facilities) applicable for each access line or digital private line connection to the network switch supporting ATM Service. Each port can accommodate multiple PVCs. UNI Port Only is available on a one-, three- or five-year Optional Payment Plan (OPP).



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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.2 Service Provisioning (Continued)

PVCs are logical circuits that define a specific path for data sent by Customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

Permanent Virtual Path (PVP) provides for aggregation of multiple PVCs into a single path. The traffic management parameters for all PVCs in the PVP must be defined at the same level of service. All PVCs in the PVP must have the same originating and terminating end ports. The applicable SCR and PCR rates apply for the aggregate SCR and PCR of all the PVPs.

Customers can subscribe to pricing scheme(s), which charge for Sustained Cell Rate (SCR). SCR is an amount of bandwidth that Company commits to providing in the network for Customer traffic. SCR is set for every PVC defined.

Company ATM switches are responsible for guaranteeing the traffic priority parameter ordered by Customer. Traffic prioritization parameters refer to priorities given to cell transmissions and sensitivity of cells to delay variation and loss within the network. Constant Bit Rate (CBR) traffic is given first priority, Variable Bit Rate-Real Time (VBR-rt) traffic is given second priority and Variable Bit Rate-Non Real Time (VBR-rt) traffic is given the network at any given point in time.

There are three traffic prioritization parameter categories:

- Constant Bit Rate (CBR): An ATM traffic management parameter that supports the transmission of a continuous bit stream of traffic from those applications such as video, voice, and circuit emulation, which require rigorous timing control and performance parameters.
- Variable Bit Rate-Real Time (VBR-rt): An ATM traffic management parameter that allows for applications where a PVC requires low cell delay variation. For example, VBR-rt would be utilized for applications such as variable bit rate video compression, and packet voice and video, which are somewhat tolerant of delay.
- Variable Bit Rate-Non Real Time (VBR-nrt): An ATM traffic management parameter that allows for applications where a PVC can tolerate larger cell delay variation than VBR-rt. For example VBR-nrt would be utilized for applications such as data file transfers.

In ATM transmission, Peak Cell Rate (PCR) is the highest available rate of information that can be transferred on a Variable Bit Rate connection, and the continuous cell rate allowed for Constant Bit Rate. Cells exceeding the Sustained Cell Rate and below the Peak Cell Rate will be limited to a maximum burst size. Customers may purchase PCR in 1 Mbps increments.

Frame Relay to ATM Service Interworking:

An end user may send data from a premise location with a Frame Relay User to Network Interface (UMIROFE BRANCH Network to Network Interface (NNI) to another premise with an Asynchronous Transfer Mode UNI. Frame Relay to ATM Service Interworking provides for the conversion of Frame Relay packets to ATM cells and the conversion of ATM Cells to Frame Relay packets. Frame Relay Service(s) and ATM Service(s) must be established in order to provision a Frame Relay to ATM Service Interworking PV/2.006 This conversion occurs between bandwidth equivalent CIR (Committed Information Rates) and SCR (Sustained PUBLIC SERVICE COMMISSION

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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.3 Obligations of Company

Company is responsible for service up to and including the network interface device.

Company shall provision service over facilities suitable for ATM transmission, where available, for the effective maximum data rates of a DS1 (1.536 Mbps per second), DS3 (44.2 Mbps per second), OC3c (155 Mbps per second, concatenated) or OC12c (622.08 Mbps per second, concatenated).

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the ATM switch out of service, during the predetermined maintenance window of 12:01 a.m. to 6:00 a.m. In these cases, all attempts will be made to notify Customer in advance as to the time and duration of these outages. Company reserves the right to temporarily interrupt ATM Service at other times in emergency situations.

16.3.4 Obligations of Customer

Customer must provide compatible equipment in accordance with interface specifications defined in ANSI Standards for ATM services.

Customer is responsible for the installation, operation and maintenance of any Customer provided equipment (CPE).

Customer must specify the speed for each ATM port ordered. Customer must specify the SCR, PCR, and traffic management parameters at the time of the order for each PVC.

Customer shall be responsible for obtaining permission for Company's agents or employees to enter Customer's designated location(s) at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of Company.

Customer must provide to Company a point of contact with information to include the contact name, telephone number, mailing address, and electronic mail (e-mail) address for notification purposes.

16.3.5 Rate Regulations

A. Minimum Period

The minimum period for ATM Network Service is one year, except when provided under an Optional Payment Plan (OPP) arrangement. The regulations applicable to ATM Network Service provided under an OPP arrangement are specified under 5.1.6.

- B. Rate Elements
 - 1. ATM UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port cornection The Prose Prove Pr



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16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.5 Rate Regulations (Continued)
 - 2. ATM UNI Port

A nonrecurring charge and a monthly rate, based on the speed of the port connection (DS1, DS3, OC3c, or OC12c) apply per port for each ATM access channel connection to the network supporting ATM Service. Each port can accommodate multiple PVCs.

Company may setup access arrangements on behalf of Customer. Access facilities arranged by Company will be billed at the rates provided by the underlying carrier. Any special construction or non-standard charges assessed by carrier supplying the local access will also be the responsibility of Customer.

3. Sustained Cell Rate-Permanent Virtual Circuit (SCR-PVC)

A monthly rate applies for each PVC based on the SCR and traffic management parameter requested by Customer. SCR cannot exceed the port size.

4. Sustained Cell Rate - Additional

Sustained Cell Rate - Additional provides for Customer to order additional SCR above the 50 Mbps port capacity available in this Tariff. A monthly recurring charge applies for each 5 Mbps of Sustained Cell Rate - Additional ordered based on the traffic management parameter selected. This charge is in addition to the Sustained Cell Rate.

5. Peak Cell Rate (PCR)

Peak Cell Rate is the maximum data rate Customer may send data into the ATM network on a PVC. The Peak Cell Rate on a PVC is defined as the Sustained Cell Rate plus the incremental Peak Cell Rate. Incremental Peak Cell Rate is available in 1 Mbps increments and is in addition to the Sustained Cell Rate.

6. Frame Relay to ATM Service Interworking

A monthly recurring charge applies, based on SCR ordered. Frame Relay to ATM Service Internetworking provides for the conversion of Frame Relay packets to ATM cells and the conversion of ATM cells to Frame Relay packets. This conversion occurs at VBR-nrt. Service includes SCR-PVC rates and provides for bandwidth transmission through the network. The minimum period for a Frame Relay Service to ATM Service Interworking PVC is one month.

- 16.3.6 Optional Payment Plan (OPP)
 - A. General

The terms and conditions specified herein are applicable to ATM Service and are in addition to other regulations as specified in this Tariff.

The ATM UNI Port with Access Line and ATM UNI Port Only rate elements are available under an OPP. V Non-recurring charges apply for initial OPP orders. NRCs will not be applied for changes in OPP lengths of Ports or Port and Access Lines. 7/17/2006

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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.3 (Reserved for Future Use)
- 16.3 Asynchronous Transfer Mode (ATM) Service (Continued)
- 16.3.6 Optional Payment Plan (OPP) (Continued)
 - A. General (Continued)

Three-year and five-year OPP rates will be equal to or less than the one-year OPP rates. Decreases to the one-year OPP rates will flow through to the three-year and five-year OPP rates.

Payment periods of one-year, three-years, and five-years are available to all Customers at the applicable rates set forth in 5.1.7 regardless of when they subscribe to an OPP arrangement.

Customer must designate the payment period for the OPP.

Inside moves as specified in Section 4 will not incur termination liability charges.

Outside moves as specified in Section 4 will allow Customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.

B. Changes in Length of OPP Period

Prior to the completion of the selected OPP period, Customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new OPP period is shorter in length than the time remaining under the existing OPP, the change to the new OPP period constitutes a discontinuance of the existing OPP service and termination liability charges apply.
- C. Renewal Options

At the expiration of an OPP period, Company will automatically renew the service at the same OPP period unless Customer chooses to convert to a different OPP period or discontinue service.

Conversion to a different OPP period will require Customer to submit a change order. Conversion of existing OPP service to a different OPP period will be allowed without application of any nonrecurring or ordering charges.

D. Notification of Discontinuance

A request for discontinuance of an OPP arrangement must be received by Company at the date of the date

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16. ADVANCED COMMUNICATIONS NETWORKS (Continued)

- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.6 Optional Payment Plan (OPP) (Continued)
 - E. Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during an OPP period, subject to the following conditions:

- The order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by Company at the same time;
- The fixed period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan;
- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period;
- The monthly rates for the upgraded service and/or service elements will be those in effect at the time of the service upgrade.

Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) and is provided by Company.

Nonrecurring charges will not apply to the upgraded port or port and access line. Special construction charges, if appropriate, may apply.

F. Termination Liability

When an OPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the OPP period in effect at the time of disconnect.

Charges will also be applicable if the number of services falls below the minimal amount of ATM services (port only or port and access) defined at the start of the contract. Charges are set forth below with the penalty assessed for each service that falls below the minimum number multiplied by the number of months required to attain the minimum contract commitment.

One-Year OPP - 50% of any remaining portion of the first year's recurring charges for the in-service quantity.

Three-Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, Customer will be liable for 10% of the total monthly recurring charges in that time period for the in-service quantity.

Five-Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, Customer will be liable for 20% of the total month.

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- 16. ADVANCED COMMUNICATIONS NETWORKS (Continued)
- 16.3 Asynchronous Transfer Mode (ATM) Service (Continued)
- 16.3.6 Optional Payment Plan (OPP) (Continued)
 - G. Termination Without Liability

During an OPP period, should the currently effective rate for Customer's service increase, Customer may, at his/her option, terminate the OPP arrangement without penalty or liability.

Credit of Termination Liability Η.

> Credit of termination liability charges for ATM services may be applicable in the case of re-establishment of similar ATM service of equal to or higher speeds within six months of termination for the same length of the OPP. The amount of credit will be one-sixth of the penalty times the number of month's service is re-established until the sixth month.

16.3.7 Rates

Α.

UNI Port and Access Line	Nonrecurring Charge	Monthly <u>Rate</u>
DS-1 One Year	\$ 650.00	\$ 650.00
Three Years Five Years	650.00 650.00	525.00 500.00
DS-3		
One Year Three Years	1,500.00	1,950.00
Five Years	1,500.00 1,500.00	1,750.00 1,700.00
OC-3c		
One Year	1,500.00	2,100.00
Three Years Five Years	1,500.00 1,500.00	1,950.00 1,800.00
OC-12c		
One Year	3,000.00	4,800.00
Three Years	3,000.00	4,600.00
Five Years	3,000.00	4,350.00



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16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)

16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)

16.3.7 Rates (Continued)

В.

Nonrecurring <u>Charge</u>	Monthly <u>Rate</u>
UNI Port Only	
DS-1	
One Year \$ 650.00	\$ 180.00
Three Years 650.00	175.00
Five Years 650.00	170.00
DS-3	
One Year 1,500.00	400.00
Three Years 1,500.00	370.00
Five Years 1,500.00	350.00
OC-3c	
One Year 1,500.00	680.00
Three Years 1,500.00	650.00
Five Years 1,500.00	630.00
OC-12c	
One Year 2,000.00	1,500.00
Three Years 2,000.00	1,430.00
Five Years 2,000.00	1,380.00



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- 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)
- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.7 Rates (Continued)

D.

Ε.

C. Sustained Cell Rate - Permanent Virtual Circuit (SCR-PVC)

		Monthly Rate	
	<u>CBR</u>	VBR-rt	VBR-nrt
0-32 Kbps	\$ 12.00	\$ 10.00	\$ 8.00
33-64 Kbps	22.50	18.75	15.00
65-96 Kbps	33.00	27.50	22.00
97-128 Kbps	43.50	36.25	29.00
129-192 Kbps	54.00	45.00	36.00
193-256 Kbps	63.00	52.50	42.00
257-320 Kbps	72.00	60.00	48.00
321-384 Kbps	81.00	67.50	54.00
385-512 Kbps	90.00	75.00	60.00
513-768 Kbps	97.50	81.50	65.00
769-1152 Kbps	105.00	87.50	70.00
1.153-1.536 Mbps	112.50	93.75	75.00
1.537-4 Mbps	180.00	150.00	120.00
4-6 Mbps	270.00	225.00	180.00
6-8 Mbps	360.00	300.00	240.00
8-10 Mbps	450.00	375.00	300.00
10-15 Mbps	495.00	412.00	330.00
15-20 Mbps	615.00	512.50	410.00
20-25 Mbps	735.00	612.50	490.00
25-30 Mbps	855.00	712.50	570.00
30-35 Mbps	975.00	812.50	650.00
35-40 Mbps	1,095.00	912.50	730.00
40-45 Mbps	1,200.00	1,000.00	800.00
46-50 Mbps	1,305.00	1,087.50	870.00
Sustained Cell Rate (SCR) - Ad	ditional		
Each 5 Mbps	\$105.00	\$87.50	\$70.00
		Monthly <u>Rate</u>	
Peak Cell Rate (PCR)			
1 Mbps, each		\$ 5.00	
			TAI



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BY: Vice President Lexington, Kentucky

- 16. <u>ADVANCED COMMUNICATIONS NETWORKS</u> (Continued)
- 16.3 <u>Asynchronous Transfer Mode (ATM) Service</u> (Continued)
- 16.3.7 Rates (Continued)

16.3.8

F. Frame Relay to ATM Service Interworking (VBR-nrt only)

0-32 Kbps	\$ 14.00		
33-64 Kbps	26.25		
65-96 Kbps	38.50		
97-128 Kbps	50.75		
129-192 Kbps	63.00		
193-256 Kbps	73.50		
257-320 Kbps	84.00		
321-384 Kbps	94.50		
385-512 Kbps	105.00		
513-768 Kbps	113.75		
769-1152 Kbps	122.50		
1.153-1.536 Mbps	131.25		
1.537-4 Mbps	210.00		
4-6 Mbps	315.00		
6-8 Mbps	420.00		
8-10 Mbps	525.00		
10-15 Mbps	577.50		
15-20 Mbps	717.50		
20-25 Mbps	857.50		
25-30 Mbps	997.50		
30-35 Mbps	1,137.50		
35-40 Mbps	1,277.50		
40-45 Mbps	1,400.00		
Miscellaneous Charges			
iniconario do onargoo	Nonrecurring Charge		

A. Initial Ordering Charge
B. Subsequent Ordering Charge
See P.S.C. KY No. 6, Section 5, 5.7.1
See P.S.C. KY No. 6,

Section 5, 5.7.1



OF KENTUCKY

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- ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky
- COLLOCATION SERVICE 17.

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Executive Director

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3Y: Vice President Lexington, Kentucky

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TARIFF BRANCH

COMMISSION OF KENTUCKY

EFFECTIVE: AUGUST 1, 2006

ISSUED: July 17, 2006 BY: Vice President

Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u>
- 17.1 <u>General</u>

Windstream (hereafter referred to as the Company) shall provide collocation services in accordance with, and subject to, the terms and conditions of this tariff and any additional applicable regulations in other Company tariffs. The Company shall provide collocation services under this tariff only to those parties which have an EFFECTIVE interconnection agreement with the Company for this state under Sections 251 and 252 of the Telecommunications Act of 1996, or have adopted such an agreements pursuant to Section 252(i) thereof. Requesting carriers may also seek to negotiate rates, terms, and conditions that are in addition to, or different from, the rates, terms, and conditions in this tariff to the extent permitted by applicable law. As required by applicable law, the Company shall also offer rates, terms, and conditions for collocation services that are not expressly addressed in this tariff or other Company tariffs on Bona Fide Request ("BFR") basis, and in doing so, shall comply with all applicable federal or state requirements. By agreeing to the rates, terms, and conditions of this tariff or the collocation of any equipment hereunder: (1) the Company does not waive, and expressly reserves, its rights to continue to challenge the legality of the FCC Collocation Order (Docket No. 98-147) and to take further action regarding this matter as future circumstances warrant; (2) the Company does not intend to, and therefore does not establish any precedent, waiver, course of dealing or in any way evidence the Company's position or intent with regard to future collocation requests; and (3) the Company specifically reserves the right to incorporate herein the decision by the United States Court of Appeals for the District of Columbia Circuit on March 17, 2000 and any other subsequent court decisions affecting rules adopted by the FCC to implement collocation under Section 251 of the Telecommunications Act of 1996 (See, GTE Service Corporation, et. al. v. Federal Communications Commission and United States of America, No. 99-1176, consolidated with No. 99-1201, 2000 U.S. App. LEXIS 4111 (D.C. Cir. 2000).

- 17.1.2 Collocation provides for access to the Company's premises for the purpose of interconnection and/or access to unbundled network elements, including, its central offices, serving wire centers and all other buildings or similar structures owned, leased, or otherwise controlled by the company that house the Company's network facilities.
- 17.1.3 Collocation shall be accomplished through Caged, Cageless, Virtual, or Microwave Collocation, except in those instances where it is not practical for technical reasons or due to space limitations. In such cases, the Company shall provide Adjacent Collocation or other methods of collocation, subject to space availability and technical feasibility.
- 17.1.4 The provision of Collocation by the Company, as set forth in this tariff, does not constitute a joint undertaking with the Competitive Local Exchange Carrier (CLEC) for the furnishing of the services. In addition, the regulations, terms and conditions of this tariff do not apply to any CLEC offering of services to its subscribers
- 17.2 <u>Description of Types of Collocation</u>
- 17.2.1 Single Caged

A single caged arrangement is a form of caged collocation, which allows a single CLEC to lease caged floor space to house its equipment within a Company premises. Additional details on single caged collocation are set forth in the Company's Collocation Services Packet, described in Section 17.3.1 below.

17.2.2 Shared Caged

A shared caged arrangement is a newly constructed caged collocation arrangement that is jointly applied for and occupied by two or more CLECs within Company premises. When two or more CLECs request establishment and jointly apply for a new caged collocation arrangement to be used as a shared caged arrangement, one of the participating CLECs must agree to be the Host CLEC (Host) and the other(s) to be the Guest CLEC (Fuget).

WINDSTREAM KENTUCKY EAST, INC. - LEXINGTON

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- ISSUED: November 1, 2006 BY: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.2 <u>Description of Types of Collocation</u> (Continued)
- 17.2.2 <u>Shared Caged</u> (Continued)

The Host and Guest(s) are solely responsible for determining whether to share a shared cage collocation arrangement and if so, upon what terms and conditions. The Host and Guest(s) must each be interconnected to the Company for the exchange of traffic with the Company and/or to access unbundled network elements. The Company will not issue separate billing for any of the rate elements associated with the shared caged collocation arrangement between the Host and the Guest(s), but the Company will provide the Host with information on the proportionate share of the non-recurring charges for each CLEC in the shared arrangement. The Host will be responsible for ordering and payment of all collocation applicable services ordered by the Host and Guest(s). Each Host and Guest will be responsible for ordering their own unbundled network elements from the Company. The Company will separately bill the Host and/or Guest(s) for unbundled network elements ordered.

The Host CLEC and Guest(s) are the Company's customers and have all the rights and obligations applicable hereunder to CLECs purchasing collocation-related services, including, without limitation, the obligation to pay all applicable charges, whether or not the Host is reimbursed for all or any portion of such charges by the Guest(s). All terms and conditions for caged collocation as described in this tariff will apply to shared caged collocation requirements. Additional details on shared caged collocation are set forth in the Company's Collocation Service Packet, described in 17.3.1 following.

17.2.3 <u>Reserved For Future Use</u>

(D)



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EFFECTIVE: AUGUST 1, 2006

ISSUED: July 17, 2006

BY: Vice President Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.2 <u>Description of Types of Collocation</u> (Continued)
- 17.2.4 <u>Cageless</u>

Cageless collocation is a form of collocation in which CLECs can place their equipment in Company premises space. A cageless collocation arrangement allows a CLEC, using Company approved vendors, to install equipment in single bay increments in an area designated by the Company. The equipment location will be designated by the Company and will vary based on individual premise configurations. CLEC equipment will not share the same equipment bays with Company equipment. Additional details on cageless collocation are set forth in the Company's Collocation Services Packet, described in Section 17.3.1 below.

17.2.5 Adjacent

An adjacent collocation arrangement permits a CLEC to construct or procure a structure on Company property for collocation for the purposes of provisioning expanded interconnection and/or access to unbundled network elements in accordance with the terms and conditions of this tariff. Adjacent collocation is only an option when the following conditions are met:

- Space is legitimately exhausted in the Company's premises for caged and cageless collocation; and
- It is technically feasible to construct or procure a hut or similar structure on Company property that adheres to local building code, zoning requirements, and Company building standards.

The CLEC is responsible for complying with all zoning requirements, any federal, state or local regulations, ordinances and laws, and obtaining all associated permits. The Company may, where required, participate in the zoning approval and permit acquisitions. The CLEC may not take any action in establishing an adjacent structure that will force the Company to violate any zoning requirements or any federal, state or local regulations, ordinances, or laws.

Any construction by the CLEC on Company property must comply with Company technical specifications as they relate to environmental safety and grounding requirements set forth in the Company's Collocation Services Packet. The Company will make available power and physical collocation services to the CLEC in the same nondiscriminatory manner as it provides to itself for the Company's own Remote Equipment Buildings (REBs).

Additional details on adjacent collocation are set forth in the Company's Collocation Services Packet, described in Section 17.3.1.

17.2.6 <u>Virtual</u>

Under Virtual Collocation, the Company installs and maintains CLEC provided equipment, which is dedicated to the exclusive use of the CLEC in a collocation arrangement. Additional details on Virtual Collocation are set forth in Section 17.12.

17.2.7 <u>Microwave</u>

Physical collocation of microwave transmission facilities will be permitted on a first-come, first-served basis except where such collocation is not practical for technical reasons or because of space limitations. Moreovave collocation provides for the interconnection of CLEC or Company provided facilities, equipment and support structures located in, on or above the exterior walls and roof of Company premises. Additional details on Microvave Collocation are set forth in Section 17.13.

PUBLIC SERVICE COMMISSION OF KENTUCKY

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EFFECTIVE: AUGUST 1, 2006

- ISSUED: July 17, 2006 BY: Vice President
 - Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.3 <u>Ordering Conditions</u>
- 17.3.1 Application
 - (A) <u>Point of Contact/Collocation Services Packet</u>

The Company will establish points of contact for the CLEC to contact to place a request for collocation. The point of contact will provide the CLEC with the Collocation Services Packet, which shall contain general information and requirements, including a list of engineering and technical specifications, fire, safety, security policies and procedures, and an application form.

(B) Application Form/Fee

CLECs requesting collocation at a premises will be required to complete the application form and submit the non-refundable engineering fee set forth in 17.14 following for each premises at which collocation is requested. The application form will require the CLEC to provide all engineering, floor space, power, environmental and other requirements necessary for the function of the service. The CLEC will also provide the Company with specifications for any non-standard or special requirements at the time of application. The Company reserves the right to assess the CLEC any additional charges not included in 17.14 following on an individual case basis (ICB) associated with complying with the application request.

The Company will process collocation requests from CLECs on a first-come, first-serve basis pursuant to the Company's receipt of a completed application form and the non-refundable engineering fee.

(C) Notification of Acceptance/Rejection

The Company will notify the CLEC in writing within eight (8) business days following receipt of the completed application if the CLEC's requirements cannot be accommodated as specified. If the application is deficient, the Company will specify in writing, within eight (8) business days, the information that must be provided by the CLEC in order to complete the application. A CLEC that resubmits a revised application curing any deficiencies in their original application within ten (10) calendar days after being informed of them shall retain its position within the collocation application queue.

(D) Changes

The first application form submitted by the CLEC shall be designated the original application. Original applications for collocation arrangements that have not been inspected and approved by the CLEC are subject to requests for minor or major changes to the services requested in the application. Changes will not be initiated until a completed application has been submitted along with the appropriate Engineering Fee, if applicable.

Major changes are requests that add telecommunications equipment that requires additional AC or DC power systems; heating, ventilation and air conditioning (HVAC) system modifications; or change the size of the cage. At the election of the CLEC, major changes may be handled in one of the file file branch methods to the extent technically feasible.

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- 17. COLLOCATION SERVICE (Continued)
- 17.3 Ordering Conditions (Continued)
- 17.3.1 <u>Application</u> (Continued)
 - (D) <u>Changes</u> (Continued)
 - (1) Method 1: Additional Application

The CLEC may elect to have a major change to its original collocation application treated by the Company as an additional (new) application. An additional application is subject to the same provisioning process and conditions as an original application. On receipt of a complete additional application and Engineering Fee, the Company will notify the CLEC in writing within eight (8) business days following receipt of the completed additional application if the CLEC's additional requirements cannot be accommodated as specified. Filing an additional application does not change the Company's obligation to process and fulfill the original application nor does it change the time intervals applicable to the processing and fulfillment of the original application. All of the provisions herein applicable to an original application similarly apply to an additional application.

(2) Method 2: Supplemental Application

The CLEC may elect to have a major change to its original collocation application treated by the Company as a supplemental application. A supplemental application may affect the Company's obligation to process and fulfill the original application. On receipt of a supplemental application and Engineering Fee, the Company will notify the CLEC in writing within eight (8) business days following receipt of the completed supplemental application if the CLEC's requirements cannot be accommodated as specified. Upon notification that the Company can accommodate the requirements of the supplemental application, the CLEC may elect to proceed with the supplemental application. The Company's obligations under the original application will be merged with the obligations of the supplemental application and the combined project time line will be based on the date the supplemental application was received. All of the provisions herein applicable to an original application similarly apply to a supplemental application.

Minor changes are those requests that do not require additional AC or DC power systems, HVAC system upgrades, or changes in cage space. The CLEC will be required to submit a revised application, but the deliverable dates for the project will not change.



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EFFECTIVE: AUGUST 1, 2006

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Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.3 Ordering Conditions (Continued)

17.3.2 Space Availability

Subject to Section 17.4.2 following, the Company will notify the CLEC within eight (8) business days following receipt of the completed application form and non-refundable engineering fee, if space is available at the selected premises. The response will be one of the following:

- (1) There is space and the Company will proceed with the arrangement.
- (2) There is no space. The Company will proceed as described in 17.5.1 following.
- (3) There is no readily available space, however, the Company will determine whether space can be made available and will notify the CLEC within twenty (20) business days. At the end of this period, the Company will proceed as described in (1) or (2) above.

17.3.3 Price Quote

The Company shall provide the CLEC with a price quote for collocation services required to accommodate the CLEC's request within eight (8) business days of the application date, provided that no individual case basis (ICB) rates are required in the quote. The CLEC shall have five (5) business days from receipt of the quote to inform the Company, in writing, of its intent to proceed with their collocation request and pay fifty percent (50%) of the applicable Non-Recurring Charges (NRCs), set forth in 17.14 following, associated with the ordered collocation services. The remaining 50% will be billed by the Company upon completion of the collocation request.

17.3.4 <u>ASR</u>

Upon notification of available space, the CLEC will be required to send a completed Access Service Request (ASR) form to the Company's collocation point of contact. A copy of an ASR form is included in the Collocation Services Packet.

17.3.5 <u>Augmentation</u>

All requests for an addition or change to an existing collocation arrangement that has been inspected and turned over to the CLEC is considered an augmentation. An augmentation request will require the submission of a complete application form and a non-refundable Engineering or Minor Augment fee. A Minor Augment fee may not be required under certain the circumstances outlined below. The definition of a major or minor augment is as follows:

(A) Major Augments are those requests that require AC or DC power, add equipment that generates more BTUs of heat, or an increase in floor space, over what the CLEC requested in its original application. A complete application and Engineering Fee will be required when submitting a request that requires a major augment.



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ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

EFFECTIVE: AUGUST 1, 2006

- 17. COLLOCATION SERVICE (Continued)
- 17.3 Ordering Conditions (Continued)
- 17.3.5 <u>Augmentation</u> (Continued)
 - (B) Minor Augments of collocation arrangements will require the submission of a complete application form and the Minor Augment Fee. Minor augments are those requests that do not require more AC or DC power, add equipment that generates more BTUs of heat, or increase the floor space, over what the CLEC requested in its original application. The requirements for a minor augment request can not exceed the capacity of the existing electrical/power or HVAC system. Requests for additional DSO, DS1, and DS3 cross connects for access to unbundled network elements are included as minor augments.

Minor augments that require an augment fee are those requests that require the Company to perform a service or function on behalf of the CLEC including but not limited to: installation of Virtual equipment cards or software upgrades, removal of Virtual equipment, requests to pull cable from exterior microwave facilities, and requests to terminate DSO, DS1 and DS3 cables.

Minor augments that do not require a fee are those augments performed solely by the CLEC, that do not require the Company to provide a service or function on behalf of the CLEC, including but not limited to, requests to install additional equipment in the CLEC's cage. Prior to the installation of the additional equipment the CLEC agrees to provide the Company with an application form with an updated equipment listing that includes the equipment to be installed in the CLEC's collocation arrangement. Once the updated equipment list is submitted to the Company, the CLEC may proceed with the augment. The CLEC agrees that changes in equipment provided by the CLEC under this provision will not exceed the engineering specifications for power and HVAC as requested on the original application. All augments will be subject to Company inspection, in accordance with the terms of this tariff for the purpose of ensuring compliance with Company safety standards.

17.3.6 Expansion

The Company will not be required to construct additional space to provide for caged, cageless and/or adjacent collocation when available space has been exhausted. Where the CLEC seeks to expand its existing collocation space, the Company shall make contiguous space available to it to the extent possible; provided, however, the Company does not guarantee contiguous space to the CLEC to expand its existing collocation space. CLEC requests for expansion of existing space within a specific premises will require the submission of an application form and the appropriate major augment fee.

17.3.7 <u>Relocation</u>

CLEC requests for relocation of the termination equipment from one location to a different location within the same premises will be handled on an ICB basis. The CLEC will be responsible for all costs associated with the relocation of its equipment.



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ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky

EFFECTIVE: AUGUST 1, 2006

- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation
- 17.4.1 Joint Planning and Implementation Intervals

The implementation interval for Caged and Cageless collocation requests is seventy-six (76) business days for all standard requests which were properly forecast six (6) months prior to the application date, subject to the conditions set forth. Should unique circumstances arise such as major construction obstacles or special CLEC requirements, upon notification to the CLEC, a time extension of no greater than fifteen (15) business days will apply. Intervals for non-standard arrangements, including, but not limited to, Adjacent collocation shall be mutually agreed upon by the CLEC and the Company.

- (A) The following standard implementation milestones, in business days, will apply unless the CLEC and Company jointly decide otherwise:
 - Day 1 CLEC submits completed application and associated Engineering/Major Augment Fee
 - Day 9 The Company notified CLEC that request can be accommodated.
 - Day 14 CLEC notifies the Company of its intent to proceed and submits 50% payment as set forth in Section 17.3.3.
 - Day 76 The Company and CLEC attend a Joint Inspection meeting and the Company turns over the collocation space to the CLEC.

The Company and CLEC shall work cooperatively in meeting these milestones and deliverables as determined during the joint planning process. The Company will schedule a meeting with the CLEC to determine engineering and network requirements. A preliminary schedule will be developed outlining major milestones. The CLEC and the Company control various interim milestones they must complete in order to meet the overall intervals. The interval clock will stop, and the final due date will be adjusted accordingly, for each milestone the CLEC misses (day for day). When the Company becomes aware of the possibility of vendor delays, the Company will first contact the CLEC to attempt to negotiate a new interval. If the Company and the CLEC cannot agree, the CLEC may initiate dispute resolution processes in its interconnection agreement. The Company and CLEC shall conduct additional joint planning meetings, as reasonably required, to ensure that all know issues are discussed and to address any that may impact the implementation process. The Company will permit the CLEC to schedule one escorted visit to the CLEC's collocation space during construction. The applicable labor rates in 17.14 following will be applied for the escorted visit.

- (B) Prior to the CLEC beginning the installation of its equipment, the CLEC must sign the Company's work completion notice, indicating acceptance of the collocation space. The CLEC may not install any equipment or facilities in the collocation space until the receipt by the Company of the work completion notice. Prior to the CLEC beginning the installation of equipment in a cage, bay or cabinet, the CLEC and the Company must conduct a joint inspection of the designated collocation space. The Company shall notify the CLEC of the date the collocation arrangement is ready for the joint inspection. The CLEC has ten (10) business days to meet the Company at the site of the collocation arrangement. Upon acceptance of the arrangement by the CLEC, billing will be initiated, access cards will be issued and the CLEC may begin installation of equipment. If the CLEC does not attend the joint inspection within the specified ten (10) business days, the Company will initiate billing for all monthly and nonrecurring charges. TARIFF BRANCH
- (C) Unconditioned space conversion timeframes fall outside the normal intervals and the begintiated as a per entity inquiry based on negotiations with the site preparation vendor(s). The company will use its best efforts to minimize the additional time required to condition collocation space, and will inform the CLEC of the time estimates as soon as possible.

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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation(Continued)
- 17.4.2 Forecasting and Use of Data
 - (A) The Company will request Caged and Cageless forecasts from the CLEC on a semi-annual basis, with each forecast covering a two-year period. The CLEC will be required to update the near-term (6-month) forecasted application dates. Information requested will include central office, month applications are expected to be sent, requested in-service month, preference for Caged or Cageless collocation, and square footage required.
 - (B) Unforecasted demand will be given a lesser priority than forecasted demand. The Company will make every attempt to meet standard intervals for unforecasted requests. However, if unanticipated requests push demand beyond the Company's capacity limits, the Company will negotiate longer intervals as required (and within reason). In general, if forecasts are received less than two (2) months prior to the application date, the interval start day may be postponed as follows.
 - No forecast: Interval Start Date commences 2 months after application date.
 - Forecast received 1 month prior to application date: Interval Start Date commences 2 months after application date.
 - Forecast received 2 months prior to application date: Interval Start Date commences 1 month after application date.

Any such interval adjustments will be discussed with the CLEC at the time the application is received.

17.4.3 <u>Collocation Capacity</u>

- (A) The Company's estimate of its present capacity (i.e. no more than an increase of 15% over the average number of applications received for the preceding three months in a particular geographic area) is based on current staffing and current vendor arrangements. If the forecasts indicate spikes in demand, the Company will attempt to smooth the demand via negotiations with the forecasting CLECs. If the Company and the CLEC fail to agree to smooth demand, the Company will determine if additional expenditures would be required to satisfy the spikes in demand and will work the Commission Staff to determine whether such additional expenditure is warranted and to evaluate cost recovery options.
- (B) If the Company augments its workforce based on forecasts, the Company reserves the right to hold CLECs accountable for the accuracy of their forecasts.

17.4.4 Vendor Capacity

The Company will continuously seek to improve vendor performance for all premises work, including collocation. Since the vendors require notice in order to meet increases in demand, the Company will share CLEC actual and forecasted demand with appropriate vendors, as required, subject to the appropriate confidentiality safeguards. The Company will seek assistance for the CLECs to resolve vendor inability to meet demands.

17.4.5 <u>Responsibility for Vendor Delays</u>

No party shall be excused from their obligations due to the acts of omissions of a Party's subcertactors material VEI men, suppliers or other third persons providing such products or services to such Party utless such acts of omissions are the product of a Force Majeure Event, or unless such delay or failure and the consequences thereof are beyond the reasonable control and without the fault or negligence of the Party claiming excusable delay or failure to perform.

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.6 Space Preparation
 - (A) Cage Construction

For caged collocation, the Company will construct the cage with a standard enclosure or the CLEC may subcontract this work to a Company approved contractor.

(B) <u>Site Selection/Power</u>

The Company shall designate the space within its premises where the CLEC shall collocate its equipment. The Company will assign collocation space to the CLEC in a just, reasonable, and nondiscriminatory manner. The Company will allow the CLEC requesting caged or cageless collocation to submit space preferences on the Application Form prior to assigning caged and cageless collocation space to the CLEC. The Company will assign caged and cageless space in accordance with the following standards: (1) The CLEC's collocation costs cannot be materially increased by the assignment; (2) The CLEC's occupation and use of the Company's premises cannot be materially delayed by the assignment; (3) The assignment cannot impair the quality of service or impose other limitations on the service the CLEC wishes to offer; and (4) The assignment cannot reduce unreasonably the total space available for caged and cageless collocation, or preclude unreasonably, caged and cageless collocation within the Company's premises.

The Company may assign caged and cageless collocation to space separate from space housing the Company's equipment, provided that each of the following conditions is met: (1) Either legitimate security concerns, or operational constraints unrelated to the Company's or any of its affiliates' or subsidiaries competitive concerns, warrant such separation; (2) Any caged and cageless collocation space assigned to an affiliate or subsidiary of the Company is separated from space housing the Company's equipment; (3) The separated space will be available in the same time frame as, or a shorter time frame than, non-separated space; (4) The cost of the separated space to the CLEC will not be materially higher than the cost of non-separated space; and (5) The separated space is comparable, from a technical and engineering standpoint, to non-separated space.

The Company shall provide, at the rates set forth in 17.16 following, 48V DC power with generator and/or battery back-up, AC convenience outlet, heat, air conditioning and other environmental support to the CLEC equipment in the same standards and parameters required for Company equipment within that premises. The Company will be responsible for the installation of the AC convenience outlets, overhead lighting and equipment superstructure per the established rates.

(C) DC Power

The Company will provide DC power to the collocation arrangement as specified by the CLEC in its Collocation application. The CLEC will specify the load on each feed and the size of the fuse to be placed on each feed. Charges for DC power will be applied based on the total number of load amps ordered on each feed.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.6 <u>Space Preparation</u> (Continued)
 - (C) <u>DC Power (Continued)</u>

For example, if a CLEC orders a total of 40 load amps of DC power and an A and B feed, the CLEC could order 20 load amps on the A feed and 20 load amps on the B feed. The Company will permit the CLEC to order a fuse size up to 2.5 times the load amps ordered provided that applicable law permits this practice. Thus, the CLEC could order that each feed be fused at 50 amps if the CLEC wants one feed to carry the entire load in the event the other feed fails. Accordingly, the CLEC will be charged on the basis of the total number of load amps ordered, i.e., 40 amps, and not based on the total number of amps available for the fuse size ordered.

The CLEC is responsible for engineering the power consumption in its Collocation arrangements and therefore must consider any special circumstances in determining the fused capacity of each feed. The Company will engineer the power feeds to the Collocation arrangement in accordance with industry standards based upon requirements ordered by the CLEC in its Collocation application. Any subsequent orders to increase DC power load at a Collocation arrangement must be submitted on a Collocation application.

The Company reserves the right to perform random inspections to verify the actual power load being drawn by a Collocation arrangement. At any time, without written notice, the Company may measure the DC power drawn at an arrangement by monitoring the power distribution point.

- (1) If the inspection reveals that the power being drawn does not exceed the total number of load amps ordered, no further action will apply.
- (2) If the inspection reveals that the power being drawn is greater than 100% and up to 110% of the total number of load amps ordered, the Company will provide the CLEC with written notification by certified U.S. Mail to the person designated by the CLEC to receive such notice that more power is being drawn than was ordered. Within five (5) business days of the date of notification, the CLEC must reduce the power being drawn to match its ordered load or revise its power requirement to accommodate the additional power being drawn. Failure to reduce the power being drawn or submit a revised application within the five (5) business days will result in an increase in the amount of power being billed to 110% of the power ordered in the application on file.
- (3) If the inspection reveals that the power being drawn is greater than 110% of the total number of load amps ordered, that arrangement is subject to the following treatment.
 - (a) The Company will provide the CLEC with written notification by certified U.S. Mail to the person designated by the CLEC to receive such notice that it has exceeded its ordered power.
 - (b) Additional Labor charges, as set forth in Section 17.16.51 following apply for the cost associated with performing this inspection.



(c) The Company will bill the CLEC for the full fused capacity for each of the next six (6) bill periods following the inspection.

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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.6 Space Preparation (Continued)
 - (C) <u>DC Power (Continued)</u>
 - 3) (Continued)
 - (d) After six (6) months of full fused capacity billing, and upon receipt of an application to revise the power required at that arrangement, the Company will adjust the billing to reflect the CLEC's revised power requirement. In the event that a revised application is not submitted, billing at full fused capacity will continue until a revised application is received.
 - (e) Within fifteen (15) business days of the date of notification, the CLEC must submit a non-scheduled attestation of the power being drawn at each of its remaining Collocation arrangements. Failure to submit this non-scheduled attestation will result in the application of Additional Labor charges as set forth in Section 17.16.51 following for any subsequent DC power inspections the Company performs prior to receipt of the next scheduled attestation. Scheduled attestations are described in (F) following.

In those instances where the Company needs access to the Collocation arrangement to make these measurements, the Company will schedule a joint meeting with the CLEC.

Annually, each CLEC must submit a written statement signed by a responsible officer of the Company, which attests that it is not exceeding the total load of power as ordered in its Collocation applications. This attestation, which must be received by the Company no later than the last day of June, shall individually list all of the CLEC's completed Collocation arrangements provided by the Company in all of its operating territories. If the CLEC fails to submit this written statement by the last day in June, the Company will notify the CLEC in writing that it has thirty (30 days) to submit its power attestation. Failure to submit the required statement within the 30 day notice period will result in the billing of DC power at each Collocation arrangement to be increased to the total number of amps.

Whenever the Company is required to perform work on an Collocation arrangement as a result of a CLEC's order for a reduction in power requirements (e.g., change in fuse size), the Company will assess a nonrecurring charge for the additional labor. The nonrecurring charge applies for the first half-hour (or fraction thereof) and for each additional half-hour (or fraction thereof) per technician, per occurrence as shown in Section 17.16.51 following.

If the CLEC orders a change in the power configuration requiring new -48 volt DC power feeds to the Collocation arrangement, the Company will require an Engineering/Major Augment Fee with an application as set forth in Section 17.16.1 following, subject to the terms and conditions described in Section 17.3.5. In addition, if a CLEC's order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the Engineering/Major Augment Fee as set forth in Section 17.16.1 following applies. The Company will work cooperatively with the CLEC to configure the new power distribution cables and disconnect the old ones.



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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.7 Equipment and Facilities
 - (A) Purchase of Equipment

The CLEC will be responsible for supply, purchase, delivery, installation and maintenance of its equipment and equipment bay(s) in the collocation area. The Company is not responsible for the design, engineering, or performance of CLEC equipment and provided facilities for collocation. Upon installation of all transmission and power cables for collocation services, the CLEC relinquishes all rights, title and ownership of transmission (excluding fiber entrance facility cable) and power cables to the Company

(B) <u>Permissible Equipment</u>

The Company shall permit the collocation and use of any equipment necessary for interconnection or access to unbundled network elements in accordance with the following standards: (1) Equipment is necessary for interconnection if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the CLEC from obtaining interconnection with the Company at a level equal in quality to that which the Company obtains within its own network or the Company provides to any of its affiliates, subsidiaries, or other parties; and (2) Equipment is necessary for access to an unbundled network element if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the CLEC from obtaining nondiscriminatory access to that unbundled network element, including any of its features, functions, or capabilities.

Multi-functional equipment shall be deemed necessary for interconnection or access to an unbundled network element if and only if the primary purpose and function of the equipment, as the CLEC seeks to deploy it, meets either or both of the standards set forth in the preceding paragraph. For a piece of equipment to be utilized primarily to obtain equal in quality interconnection or nondiscriminatory access to one or more unbundled network elements, there also must be a logical nexus between the additional functions the equipment would perform and the telecommunication services the CLEC seeks to provide to its customers by means of the interconnection or unbundled network element. The collocation of those functions of the equipment that, as stand-alone functions, do not meet either of the standards set forth in the preceding paragraph must not cause the equipment to significantly increase the burden on the Company's property.

Whenever the Company objects to collocation of equipment by a requesting CLEC for purposes within the scope of Section 251(c)(6) of the Act, the Company shall prove to the state commission that the equipment is not necessary for interconnection or access to unbundled network elements under the standards set forth above.

The CLEC may place in its collocation space ancillary equipment such as cross connect frames, and metal storage cabinets. However, metal storage cabinets must meet Company premises environmental standards.



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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.7 Equipment and Facilities (Continued)
 - (C) <u>Specifications</u>

The CLEC facilities shall not physically, electronically, or inductively interfere with or impair the service of the Company's or any other CLEC facilities, create hazards or cause physical harm to any individual or the public. All CLEC equipment used for Caged and Cageless Collocation must be tested to, and must meet: (1) the NEBS Level 1 family of safety requirements as defined in the Company's NEBS requirements RNSA-NEB-95-0003, Revision 10 or higher; and (2) the specific risk/safety/hazard criteria specified in Addendum E of the Collocation Services Packet. Any CLEC equipment that does not conform to these requirements may not be installed on Company property.

The Company reserves the right to remove and/or refuse use of CLEC facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS Level 1 safety standards or Electromagnetic Compatibility and Electrical Safety Generic Criteria for Network Telecommunication Equipment (GR-1089-CORE). The Company also reserves the right to remove and/or refuse use of CLEC facilities or equipment which does not meet or comply with the NEBS equipment safety requirements specified in Addendum E of the Collocation Services Packet.

(D) <u>Cable</u>

The CLEC is required to provide proper cabling, based on circuit type (VF, DS0, xDSL, DS1, DS3, etc.) to ensure adequate shielding. The Company cable standards (which are set forth in the Collocation Services Packet) are required to reduce the possibility of interference. The CLEC is responsible for providing fire retardant riser cable that meets Company standards. The Company is responsible for placing the CLEC's fire retardant riser cable from the cable vault to the collocation space. The Company is responsible for installing CLEC provided fiber optic cable in the cable space or conduit from the first manhole to the premises. This may be shared conduit with dedicated innerduct.

If the CLEC provides its own fiber optic facility, then the CLEC shall be responsible for bringing its fiber optic cable to the premises manhole. The CLEC must leave sufficient cable length for the Company to be able to fully extend such cable through to the CLEC's collocation space.



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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.7 Equipment and Facilities (Continued)
 - (E) <u>Manhole/Splicing Restrictions</u>

The Company reserves the right to prohibit all equipment and facilities, other than fiber optic cable, from its entrance manholes. The CLEC will not be permitted to splice fiber optic cable in Manhole #1 (first Company manhole outside of the wire center). Where the CLEC is providing underground fiber optic cable in Manhole #1, it must be of sufficient length as specified by the Company to be pulled through the premises conduit to the CLEC collocation arrangement. The Company is responsible for installing a cable splice, if necessary, where CLEC provided fiber optic cable meets Company standards within the premises cable vault or designated splicing chamber. The Company will provide space and racking for the placement of an approved secured fire retardant splice enclosure.

(F) Access Points and Restrictions

The interconnection point for caged and cageless collocation is the point where collocation cable facilities connect to Company termination equipment. The demarcation point for the CLEC is its terminal equipment or interconnect/cross connect panel within its cage, bay/frame or cabinet. The CLEC must tag all entrance facilities to indicate ownership. The CLEC will not be allowed access to Company DSX line-ups, MDF or any other Company facility termination points. The DSX, MDF, and fiber distribution panel are to be considered Company demarcation points only. Only Company employees, agents or contractors will be allowed access to the MDF or DSX to terminate facilities, test connectivity, run jumpers and/or hot patch inservice circuits.

(G) Staging Area

For caged and cageless collocation arrangements, the CLEC shall have the right to use the designated staging area, a portion of the premises and loading areas, if available, on a temporary basis during its equipment installation work in the collocation space. The CLEC is responsible for protecting the Company's equipment and premises walls and flooring within the staging area and along the staging route. The CLEC will meet all Company fire, safety, security and environmental requirements. The temporary staging area will be vacated and delivered to the Company in an acceptable condition upon completion of the installation work. The CLEC may also utilize a staging trailer, which can be located on the exterior premises. The Company may assess the CLEC a market value lease rate for the area occupied by the trailer.



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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.7 Equipment and Facilities (Continued)
 - Te<u>sting</u> (H)

Upon installation of the CLEC equipment, with prior notice, the Company will schedule time to work with the CLEC during the turn-up phase of the equipment to ensure proper functionality between CLEC equipment and the connections to Company equipment. The time period for this to occur will correspond to the Company's maintenance window installation requirements. The CLEC is solely responsible to provide its own monitor and test points, if required, for connection directly to their terminal equipment.

- Interconnection Between Collocated Spaces * (I)
 - (1) Dedicated Transit Service (DTS), which allows for interconnection between CLECs, provides a dedicated electrical or optical path between collocation arrangements (caged, cageless, and virtual) of the same or of two different CLECs within the same Company premises, using Company provided distribution facilities. DTS is available for DS0, DS1, DS3, and dark fiber cross connects. In addition, the Company will also provide other technically feasible cross-connection arrangements, including lit fiber, on an Individual Case Basis (ICB) as requested by a CLEC. The Company will offer DTS to requesting CLECs as long as such access is technically feasible.

DTS is only available when both collocation arrangements (either caged, cageless, and/or virtual) being interconnected are within the same Company premises, provided that the collocated equipment is used for interconnection with the Company and/or for access to the Company's unbundled network elements. The Company shall provide such DTS connections from the CLEC's collocation arrangement to another collocation arrangement of the same CLEC within the same Telephone Company premises, or to a collocation arrangement of another CLEC in the same Telephone Company premises. DTS is provided at the same transmission level from CLEC to CLEC.

The DTS arrangement requires the requesting CLEC to provide cable assignment information for itself as well as for the other CLEC. The Company will not make cable assignments for DTS. The requesting CLEC is responsible for all DTS ordering, bill payment, disconnect orders and maintenance transactions and is the customer of record. The requesting CLEC must also provide a letter of agency from the CLEC it is connecting to that authorizes the DTS connection and facility assignment. DTS is provided on a negotiated interval with the requesting CLEC. DTS service order and service connection rates are specified in Section 16.

The Company shall provide, upon the CLEC's request, a Collocator to Collocator Interconnect (2) arrangement between its equipment and the equipment of other collocated CLECs. When initiating a Collocator to Collocator Interconnect request, the CLEC must submit an Application Form, ASR, and a Minor Augment Fee. The Company will be responsible for engineering and installing the overhead superstructure for the Collocator to Collocator Interconnect arrangement, if required, and determining the appropriate cable route.

The CLEC has the option of providing all cables and connectors for the arrangement and the option of running the cables for the Collocator to Collocator Interconnect Arrangement R the Company provides the cables and connectors and/or runs the cable, the applicable cable and labor rates in 5.16 following will be applied.

CLECs with existing arrangements. Additions, rearrangements and moves are not permitted.

7/17/2006 Collocator to Collocator Interconnect arrangements will only be provided under the terms and conditions of this BECONERVICE COMMISSION OF KENTUCKY

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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.7 Equipment and Facilities (Continued)
 - (J) Optical Facility Terminations

CLECs who request access to unbundled dark fiber and unbundled optical interoffice facilities may apply for a fiber optic patchcord connection(s) between the Company's fiber distribution panel (FDP) and the CLEC's collocated transmission equipment and facilities. The fiber optic patchcord cross connect is limited in use solely in conjunction with access to unbundled dark fiber, unbundled optical interoffice facilities, and Dedicated Transit Service.

17.4.8 Access to Collocation Space

The Company will permit CLEC employees, agents, and contractors approved by the Company to have direct access to CLEC caged or cageless collocated equipment twenty-four (24) hours a day, seven (7) days a week and reasonable access to the Company's restroom facilities. CLEC employees, agents, or contractors must comply with the policies and practices of the Company pertaining to fire, safety, and security as described in the Company's Security Procedures and Requirements Guidelines, which are attached to the Collocation Services Packet. The Company reserves the right, with 24 hours prior notice to the CLEC, to access the CLEC's collocated partitioned space to perform periodic inspections to ensure compliance with Company installation, safety and security practices. Where the CLEC shares a common entrance to the premises with the Company, the reasonable use of shared building facilities, e.g., elevators, unrestricted corridors, etc., will be permitted. Windstream reserves the right to permanently remove and/or deny access from Company premises any CLEC employee, agent, or contractor who violates the Company's policies, work rules, or business conduct standards, or otherwise poses a security risk to the Company.

17.4.9 <u>Network Outage, Damage and Reporting</u>

The CLEC shall be responsible for:

- Any damage or network outage occurring as a result of CLEC owned or designated termination equipment in Company premises;
- Providing trouble report status when requested;
- Providing a contact number that is readily accessible 24 hours a day, 7 days a week;
- Notifying the Company of significant outages which could impact or degrade the Company's switches and services and provide estimated clearing time for restoral; and
- Testing its equipment to identify and clear a trouble report when the trouble has been sectionalized (isolated) to a CLEC service.

The Company will make every effort to contact the CLEC in the event CLEC equipment disrupted in the network of the Report of the CLEC's service, as provided in 17.4.11 following.

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.10 <u>Security Requirements</u>
 - (A) Background Tests; Training

All employees, agents and contractors of the CLEC must meet certain minimum requirements as set forth in the Company's Collocation Service Packet. When the CLEC submits the collocation ASR for caged or cageless collocation, or as soon as reasonably practicable thereafter, the CLEC must submit to the Company's Security Department, for prior approval, the background investigation certification form included in the Collocation Service Packet for all employees, agents and contractors that will require access to Company premises. The CLEC must agree that its employees/vendors with access to Company premises shall at all times adhere to the rules of conduct established by the Company for the premises and Company personnel and vendors. The Company reserves the right to make changes to such procedures and rules to preserve the integrity and operation of Company network or facilities or to comply with applicable laws and regulations. The Company will provide the CLEC with written notice of such changes. Where applicable, the Company will provide information to the CLEC on the specific type of security training required so its employees can complete such training.

(B) <u>Security Standards</u>

The Company will be solely responsible for determining the appropriate level of security in each premise. The Company reserves the right to deny access to Company buildings for any CLEC employee, agent or contractor who cannot meet the Company's established security standards. Employees, agents or contractors of the CLEC are required to meet the same security requirements and adhere to the same work rules that Company employees and contractors are required to follow.

The Company also reserves the right to deny access to Company buildings for CLEC employees, agents and contractors for falsification of records, violation of fire, safety or security practices and policies or other just cause.



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17. COLLOCATION SERVICE (Continued)

- 17.4 Installation and Operation (Continued)
- 17.4.10 <u>Security Requirements (Continued)</u>
 - (B) <u>Security Standards</u> (Continued)

CLEC employees, agents or contractors who meet the Company's established security standards will be provided access to the CLEC's collocation equipment twenty-four (24) hours a day, seven (7) days a week and reasonable access to the Company's restroom facilities. If CLEC employees, agents or contractors request and are granted access to other areas of the Company's premises, a Company employee, agent to contractor may accompany and observe the CLEC employee(s), agent(s) or contractor(s) at no cost to the CLEC.

The Company may use reasonable security measures to protect its equipment, including, for example, enclosing its equipment in its own cage or other separation, utilizing monitored card reader systems, digital security cameras, badges with computerized tracking systems, identification swipe cards, keyed access and/or logs, as deemed appropriate by the Company.

The Company may require CLEC employees and contractors to use a central or separate entrance to the Company's premises, provided, however, that where the Company requires that CLEC employees or contractors access collocated equipment only through a separate entrance, employees and contractors of the Company's affiliates and subsidiaries will be subject to the same restriction.

The Company may construct or require the construction of a separate entrance to access caged and cageless collocation space, provided that each of the following conditions is met: (i) Construction of a separate entrance is technically feasible; (ii) Either legitimate security concerns, or operational constraints unrelated to the incumbent's or any of its affiliates' or subsidiaries competitive concerns, warrant such separation; (iii) Construction of a separate entrance will not artificially delay collocation provisioning; and (iv) Construction of a separate entrance will not materially increase the CLEC's collocation costs.

(C) Access Cards/Identification

Access cards or keys will be provided to no more than a reasonable number of CLEC appointed individuals for each Company premises. All CLEC employees, agents and contractors requesting access to the premises are required to have a photo identification card, which identifies the person by name and the name of the CLEC. The ID must be worn on the individual's exterior clothing while on Company premises. The Company will provide the CLEC with instructions and necessary access cards or keys to obtain access to Company buildings.

The CLEC is required to immediately notify the Company by the most expeditious means, when any CLEC employee, agent or contractor with access privileges to Company buildings is no longer in its employ, or when keys, access cards or other means of obtaining access to Company buildings are lost, stolen or not returned by an employee, agent or contractor no longer in its employ. The CLEC is responsible for the immediate retrieval and return to the Company all keys, access cards or other means of obtaining access to Company buildings upon termination of employment of an employee and/or termination of employment of an employee and/or termination of employee.

CLEC shall be responsible for the replacement cost of keys, access cards or other means of obtaining access when lost, stolen or upon failure of it or its employee, agent or contractor to everythem the Company.



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- 17. COLLOCATION SERVICE (Continued)
- 17.4 Installation and Operation (Continued)
- 17.4.11 Emergency Access

The CLEC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The CLEC will provide access to its collocation space at all times to allow the Company to react to emergencies, to maintain the building operating systems (where applicable and necessary) and to ensure compliance with OSHA/Company regulations and standards related to fire, safety, health and environmental safeguards. The Company will attempt to notify the CLEC in advance of any such emergency access. If advance notification is not possible the Company will provide notification of any such entry to the CLEC as soon as possible following the entry, indicating the reasons for the entry and any actions taken which might impact CLEC facilities or equipment and its ability to provide service. The Company will restrict access to CLEC collocation space to persons necessary to handle such an emergency.

The emergency provisioning and restoration of interconnection service shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority for such activities. The Company reserves the right, without prior notice, to access CLEC collocation space in an emergency, such as fire or other unsafe conditions, or for purposes of averting any threat of harm imposed by the CLEC or CLEC equipment upon the operation of Company equipment, facilities and/or employees located outside the CLEC's collocation space. The Company will notify the CLEC as soon as possible when such an event has occurred.

In case of a Company work stoppage, CLEC employees, contractors or agents will comply with the emergency operation procedures established by the Company. Such emergency procedures should not directly affect CLEC access to its premises, or ability to provide service. The CLEC will notify the Company point of contact of any work stoppages by CLEC employees.



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17. <u>COLLOCATION SERVICE</u> (Continued)

17.5 Space Requirements

17.5.1 Space Availability

If the Company is unable to accommodate caged and cageless collocation requests at a premises due to space limitations or other technical reasons, the Company will post a list of all such sites on its Website and will update the list within ten (10) calendar days of the date at which a premises runs out of caged and cageless collocation space. This information will be listed at the following public Internet URL:

http://www.gte.com/regulatory

Where the Company has denied a collocation request at a premises due to space limitations or other technical reasons, the Company shall:

- (A) Submit to the state commission, subject to any protective order as the state commission may deem necessary, detailed floor plans or diagrams of the premises, which show what space, if any, the Company or any of its affiliates has reserved for future use; and describe in detail, the specific future uses for which the space has been reserved and the length of time for each reservation; and
- (B) Allow the CLEC to tour the entire premises, without charge, within ten (10) calendar days of the tour request.

17.5.2 <u>Minimum/Maximum/Additional Space</u>

The minimum amount of floor space available to each CLEC at the time of the initial application will be twenty-five (25) square feet of caged collocation space or one (1) single bay in the case of cageless collocation. The maximum amount of space available in specific premises to each CLEC will be limited to the amount of existing suitable space, which is technically feasible to support the collocation arrangement requested. Existing suitable space is defined as available space in a premises which does not require the addition of AC/DC power, heat and air conditioning, battery and/or generator back-up power and other requirements necessary for provisioning collocation services. The Company will not deny a CLEC's collocation request if vacant, unconditioned space is the only space available for collocation. The Company will modify the vacant, unconditioned space to suitable space in order to support the collocation arrangement requested. Additional space requested for an existing caged, cageless and/or adjacent collocation arrangement will be provided on a per request basis, where feasible, and where space is being efficiently used.



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- 17. COLLOCATION SERVICE (Continued)
- 17.5 <u>Space Requirements (Continued)</u>
- 17.5.2 <u>Minimum/Maximum/Additional Space (Continued)</u>

Additional space can be requested by a CLEC by completing and submitting a new application form and the applicable non-refundable engineering fee set forth in 17.14. The Company will not be required to lease additional space when available collocation space has been exhausted.

17.5.3 <u>Use of Space</u>

The Company and CLEC will work cooperatively to determine proper space requirements, and efficient use of space. In addition to other applicable requirements set forth in this tariff, the CLEC shall install all its equipment within its designated area in contiguous line-ups in order to optimize the utilization of space within Company premises. The CLEC shall use the collocation space solely for the purposes of installing, maintaining and operating its equipment to interconnect for the exchange of traffic with the Company and/or for purposes of accessing unbundled network elements. The CLEC shall not construct improvements or make alterations or repairs to the collocation space without the prior written approval of the Company. The collocation space may not be used for administrative purposes and may not be used as CLEC employee(s) work location, office or retail space, or storage. The collocation space shall not be used as the CLEC's mailing or shipping address.

17.5.4 Reservation of Space

The Company reserves the right to manage its own premises conduit requirements and to reserve vacant space for planned facilities. The Company will retain and reserve a limited amount of vacant floor space within its premises for its own specific future uses on terms no more favorable than applicable to other CLECs seeking to reserve collocation space for their future use. If the remaining vacant floor space within a premises is reserved for the Company's and its affiliates own specific future use, the premises will be exempt from future caged and cageless collocation requests in accordance with the guidelines and procedures in 17.5.1. The CLEC shall not be permitted to reserve premises cable space or conduit system. If new conduit is required, the Company will negotiate with the CLEC to determine an alternative arrangement for the specific location. The CLEC will be allowed to reserve collocation space for its caged/cageless arrangements based on its documented forecast provided to the Company and subject to space availability. Such forecast must demonstrate a legitimate need to reserve the space for use on terms no more favorable to the Company seeking to reserve vacant space for its own specific use. CLEC Cageless collocation bays may not be used solely for the purpose of storing CLEC equipment.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.5 Space Requirements (Continued)
- 17.5.5 Collocation Space Report

Upon request by the CLEC and upon its signing a collocation nondisclosure agreement, the Company will make available a Collocation Space Report with the following information for the premises requested:

- Detailed description and amount of caged and cageless collocation space available;
- Number of telecommunications carriers with existing collocation arrangements;
- Modifications of the use of space since the last Collocation Space Report requested; and,
- Measures being taken, if any, to make additional Collocation spaces available.

The Collocation Space Report is not required prior to the submission of a collocation application for a specific premises in order to determine collocation space availability for the premises. The Collocation Space Report will be provided to a CLEC within ten (10) calendar days of the request, provided the request is submitted during the ordinary course of business. A Collocation Space Report fee will be assessed per request and per premises.

17.5.6 Reclamation

When initiating an application form, the CLEC must have started installing equipment approved for collocation at the Company premises within a reasonable period of time, not to exceed six (6) months from the date the collocation arrangement is accepted. If the CLEC does not utilize its collocation space within the established time period, and has not met the space reservation requirements of 17.5.4 preceding, the Company may reclaim the unused collocation space to accommodate another CLEC request or the Company's future space requirements.

The Company shall have the right, for good cause shown, and upon six (6) months' notice, to reclaim any collocation space, cable space or conduit space in order to fulfill its obligation under public service law and its tariffs to provide telecommunication services to its end users. In such cases, the Company will reimburse the CLEC for reasonable direct costs and expenses in connection with such reclamation. The Company will make every reasonable effort to find other alternatives before attempting to reclaim any such space.



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17. COLLOCATION SERVICE (Continued)

17.6 Liability and Indemnification

(A) No liability shall attach to the Company for damages arising from errors, mistakes, omissions, interruptions, or delays of the Company, its agents, servants or employees, in the course of establishing, furnishing, rearranging, moving, terminating, or changing the service or facilities (including the obtaining or furnishing of information in respect thereof or with respect to the subscribers or users of the service or facilities) in the absence of gross negligence or willful misconduct.

Subject to the preceding and to the provisions following, with respect to any claim or suit, by a CLEC or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, the Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service by the Company for the service for the period during which service was affected.

- (B) The Company shall not be liable for any act or omission of any other party furnishing a portion of service used in connection with the services herein.
- (C) The Company is not liable for damages to the CLEC premises resulting from the furnishing of service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Company's gross negligence or willful misconduct.
- (D) The Company shall be indemnified, defended and held harmless by the CLEC and/or its end user against any claim, loss or damage arising from the use of services offered under this tariff, involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the material transmitted over the Company's facilities;
 - (2) Claims for patent infringement arising from the CLEC's or its end user's acts combining or using the service furnished by the Company in connection with facilities or equipment furnished by the end user or the CLEC;
 - (3) All other claims arising out of any act or omission of the end user and/or CLEC in the course of using services provided pursuant to this tariff;
 - (4) All claims, including but not limited to injuries to persons or property from voltages or currents, arising out of any act or omission of the CLEC or its end user in connection with facilities provided by the Company, the CLEC, or the end user; or
 - (5) The Company shall not be liable to the CLEC or its customers in connection with the provision or use of the services provided under this tariff for indirect, incidental, consequential, reliance or special damages, including (without limitation) damages for lost profits, regardless of the form of action, whether in contract, indemnity, warranty, strict liability, or tort, including (without limitation) negligence of any kind, even if the Company has been advised of the possibility of such loss or damage.
- (E) The Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Company shall be indemnified, defended and held harmess by the class from any and all claims by any person relating to such CLEC's use of services so provided.
- (F) No license under patents (other than the limited license to use) is granted by the Company of shall be implied or arise by estoppel, with respect to any service offered under this tariff.

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.6 Liability and Indemnification (Continued)
 - (G) The Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
 - (H) The Company shall not be liable for any act or omission of any other entity furnishing to the CLEC facilities, equipment, or services used in conjunction with the services provided under this tariff. Nor shall the Company be liable for any damages or losses due to unauthorized us of the services or the failure or negligence of the CLEC or CLEC end user, or due to the failure of equipment, facilities, or services provided by the CLEC or its end user.
 - (I) Neither party shall be liable to the other or to any third party for any physical damage to each other's facilities or equipment within the central office, unless caused by the gross negligence or willful misconduct of the party's agents or employees.
 - (J) The CLEC shall indemnify, defend and save harmless the Company from and against any and all losses, claims, demands, causes of action and costs, including attorney's fees, whether suffered, made, instituted or asserted by the CLEC or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees; disability and death benefits, which may arise out of or be caused by the installation, maintenance, repair, replacement, presence, use or removal of the CLEC's equipment or facilities or by their proximity to the equipment or facilities or all parties occupying space within or on the exterior of the Company's central office(s), or by any act or omission of the Company, its employees, agents, former or striking employees, or contractors, in connection therewith, unless caused by gross negligence or willful misconduct on the part of the Company. These provisions shall survive the termination, cancellation, modification or rescission of the tariff for at least 18 months from the date of the termination.

The Company shall indemnify, defend and save harmless the CLEC from and against any and all losses, claims, demands, causes of action and costs, including attorneys' fees, whether suffered, made, instituted or asserted by the Company or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees' disability and death benefits, which may arise out of or be caused by the Company's provision of service within or on the exterior of the central office of by an act or omission of the CLEC, its employees, agents, former or striking employees, or contractors, in connection therewith, unless caused by gross negligence or willful misconduct on the part of the CLEC.

A Party's obligation to indemnify the other Party as provided herein shall be conditioned upon the following:

- (1) The indemnified Party shall promptly notify the indemnifying Party of any action taken against the indemnified Party relating to the indemnification. However, the failure to give such notice shall release the Indemnifying Party from its obligations under this Section only to the extent the failure to give such notice has prejudiced the indemnifying Party.
- (2) The indemnifying Party shall have sole authority to defend any such action, including the ARTHORNEH legal counsel, and the indemnified Party may engage separate legal counsel on y at the indemnified Party's sole cost and expense.

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17. <u>COLLOCATION SERVICE</u> (Continued)

17.6 Liability and Indemnification (Continued)

- (3) In no event shall the indemnifying Party settle or consent to any judgment in an action without the prior written consent of the indemnified Party, which consent shall not be unreasonably withheld. However, in the event the settlement or judgment requires a contribution from or affects the rights of the indemnified Party, the indemnified Party shall have the right to refuse such settlement or judgment and, at its own cost and expense, take over the defense against such Loss, provided that in such event the indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the indemnified Party against the Loss for any amount in excess of such refused settlement or judgment.
- (4) The indemnified Party shall, in all cases, assert any and all provisions in its Tariffs that limit liability to third parties as a bar to any recovery by the third party claimant in excess of such limitation of liability. The indemnified Party shall offer the indemnifying Party all reasonable cooperation and assistance in the defense of any such action.
- (K) The CLEC shall indemnify, defend and save harmless the Company from and against any and all losses, claims, demands causes of action, damages and costs, including but not limited to attorney's fees and damages costs, and expense of relocating conduit systems resulting from loss of right-of-way or property owner consents, which may arise out of or be caused by the presence in, or the occupancy of the central office by the CLEC, and/or acts by the CLEC, its employees, agents or contractors.
- (L) The CLEC shall indemnify, defend, and hold harmless the Company, its directors, officers and employees, servants, agents, affiliates and parent, from and against any and all claims, cost, expense or liability of any kind, including but not limited to reasonable attorney's fees, arising out of or relating to CLEC installation and operation of its facilities or equipment within the multiplexing node, roof space and transmitter space.
- (M) The CLEC represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. The CLEC shall indemnify, defend, and hold harmless the Company, its directors, officers and employees, servants agents, affiliates and parent, from and against any all claims, cost, expense or liability of any kind including but not limited to fines or penalties arising out of any breach of the foregoing by the CLEC, its directors, officers, employees, servants, agents, affiliates and parent. The provisions shall survive the termination, cancellation, modification or rescission of the tariff for at least 18 months from the date of the termination.
- (N) The Company represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, in connection with its provision of service within or on the exterior of the central office, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. The Company shall indemnify, defend, and hold harmless the CLEC, its directors, officers, employees, agents or contractors, from and against any and all claims, cost, expense or liability of any kind including but not limited to fines or penalties arising out of any breach of the foregoing by the Company, its directors, officers and employees, servants, agents, affiliates and parent.
- (O) The Company and the CLEC shall be responsible for all persons under their control or aegis working in compliance herewith, satisfactorily, and in harmony with all others working in or on the extension of th



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.7 Insurance

17.7.1 <u>Coverage Requirements</u>

The CLEC shall, at its sole cost and expense, obtain, maintain, pay for and keep in force the following minimum insurance, underwritten by an insurance company(s) having a Best's insurance rating of at least A-, financial size category VII.

- (A) Commercial general liability coverage on an occurrence basis in an amount of \$1,000,000 combined single limit for bodily injury and property damage with a policy aggregate per location of \$2,000,000. This coverage shall include contractual liability.
- (B) Umbrella/Excess Liability coverage in an amount of \$10,000,000 excess of coverage specified in (A) above.
- (C) All Risk Property coverage on a full replacement cost basis insuring all of the CLEC's real and personal property located on or within Company premises. The CLEC may also elect to purchase business interruption and contingent business interruption insurance, knowing that the Company has no liability for loss of profit or revenues should an interruption of service occur.
- (D) Statutory Workers Compensation coverage.
- (E) Employers Liability coverage in an amount of \$500,000 each accident.
- (F) Commercial Automobile Liability coverage insuring all owned, hired and non-owned automobiles.

Notwithstanding anything herein to the contrary, the coverage requirements described in (C) through (F) above shall only be required if the CLEC orders collocation services pursuant to this Tariff. The minimum amounts of insurance required in this section may be satisfied by the CLEC purchasing primary coverage in the amounts specified or by the CLEC buying a separate umbrella and/or excess policy together with lower limit primary underlying coverage. The structure of the coverage is at the CLEC's option, so long as the total amount of insurance meets the Company's requirements.



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17. <u>COLLOCATION SERVICE</u> (Continued)

17.7.2 <u>Deductibles</u>

Any deductibles, self-insured retentions (SIR), lost limits, retentions, etc. (collectively, "retentions") must be disclosed on a certificate of insurance provided to the Company, and the Company reserves the right to reject any such retentions in its reasonable discretion. All retentions shall be the responsibility of the CLEC.

17.7.3 Additional Insureds

The Company and its affiliates (which includes any corporation controlled by, controlling or in common control with the Company parent corporation), its respective directors, officers and employees shall be named as additional insureds under all General Liability and Umbrella/Excess Liability Policies obtained by the CLEC. Said endorsement shall provide that such additional insurance is primary insurance and shall not contribute with any insurance or self-insurance that the Company has secured to protect itself. All of the insurance afforded by the CLEC shall be primary in all respects, including the CLEC's Umbrella/Excess Liability insurance. The Company's insurance coverage shall be excess over any indemnification and insurance afforded by the CLEC and required hereby.

17.7.4 Waiver of Subrogation Rights

The CLEC waives and will require all of its insurers to waive all rights of subrogation against the Company (including the Company parent Corporation and any other affiliated and/or managed entity), its directors, officers and employees, agents or assigns, whether in contract, tort (including negligence and strict liability) or otherwise.

17.7.5 Evidence of Insurance

All insurance must be in effect on or before the Company authorizes access by CLEC employees or placement of CLEC equipment or facilities within the Company's premises and such insurance shall remain in force as long as the CLEC's facilities remain within any space governed by this Tariff. If the CLEC fails to maintain the coverage, the Company may pay the premiums and seek reimbursement from the CLEC. Failure to make a timely reimbursement will result in disconnection of service. The CLEC agrees to submit to the Company a certificate of insurance ACORD Form 25-S (1/95), or latest edition, such certificate to be signed by a duly authorized officer or agent of the Insurer, certifying that the minimum insurance coverages and conditions set forth herein are in effect, and that the Company will receive at least thirty (30) days notice of policy cancellation, expiration or non-renewal.



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- 17. COLLOCATION SERVICE (Continued)
- 17.7 <u>Insurance</u> (Continued)
- 17.7.5 Evidence of Insurance (Continued)

At least thirty (30) days prior to the expiration of the policy, the Company must be furnished satisfactory evidence that such policy has been or will be renewed or replaced by another policy. At the Company's request, the CLEC shall provide copies of the insurance provisions or endorsements as evidence that the required insurance has been procured, and that the Company has been named as an additional insured, prior to commencement of any service. In no event shall permitting CLEC access be construed as a waiver of the right of the Company to assert a claim against the CLEC for breach of the obligations established in this section.

17.7.6 <u>Compliance Requirements</u>

The CLEC shall require its contractors to comply with each of the provisions of this insurance section. This includes, but is not limited to, maintaining the minimum insurance coverage and limits, naming the Company (including the Company's parent corporation and any other affiliated and/or managed entity) as an additional insured under all liability insurance policies, and waiving all rights of subrogation against the Company (including the Company's parent Corporation and any other affiliated and/or managed entity), its directors, officers and employees, agents or assigns, whether in contract, tort (including negligence and strict liability) or otherwise. Prior to commencement of any work, the CLEC shall require and maintain certificates of insurance from each contractor evidencing the required coverage. At the Company's request, the CLEC shall supply to the Company copies of such certificates of insurance or require the contractors to provide insurance provisions or endorsements as evidence that the required insurance has been procured. The CLEC must also conform to the recommendation(s) made by the Company's fire insurance company, which the Company has already agreed to or shall hereafter agree to.

17.7.7 <u>Self Insurance</u>

If the CLEC net worth exceeds \$100,000,000, the CLEC may elect to self insure and thereby assume the coverage, protections and payments that otherwise would have been provided or made to or on behalf of the Company under the insurance provisions set forth in this section. If the CLEC self-insures, the CLEC shall furnish to the Company, and keep current, evidence of such net worth that is attested to by one of the corporate officers. The CLEC is subject to the same liability and indemnification provisions set forth herein.



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17. <u>COLLOCATION SERVICE</u> (Continued)

17.8 <u>Confidentiality</u>

In addition to its other confidentiality obligations hereunder, the CLEC shall not use or disclose and shall hold in confidence all information of a competitive nature provided to it by the Company in connection with Collocation, or known to a CLEC as a result of its access to Company premises, or as a result of the interconnection of its equipment to Company facilities. Similarly, the Company shall not use or disclose and shall hold in confidence all information of a competitive nature provided to it by a CLEC in connection with Collocation, or known to the Company as a result of the interconnection of the CLEC's equipment to Company facilities. Such information is to be considered proprietary and shared within the Company and the CLEC on a need to know basis only. Neither the Company nor the CLEC shall be obligated to hold in confidence information that:

- Was already known to the CLEC free of any obligation to keep such information confidential;
- Was or becomes publicly available by other than unauthorized disclosure; or
- Was rightfully obtained from a third party not obligated to hold such information in confidence.



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17. COLLOCATION SERVICE (Continued)

17.9 Casualty

If the collocation equipment location in the Company premises is rendered wholly unusable through no fault of the CLEC, or if the building shall be so damaged that the Company shall decide to demolish it, rebuild it, or abandon it for premises purposes (whether or not the demised premises are damaged in whole or in part), then, in any of such events, the Company may elect to terminate the collocation arrangements in the damaged building by providing written notification to CLECs as soon as practicable but no later than one hundred eighty (180) calendar days after such casualty, specifying a date for the termination of the Collocation arrangements. The termination date shall not be more than sixty (60) calendar days after the giving of such notice. Upon the date specified in such notice, the term of the collocation arrangement shall expire as fully and completely as if such date were the date set forth for the termination of the arrangement. CLECs shall immediately guit, surrender and vacate the premises without prejudice. Unless the Company serves a termination notice as provided for herein, it shall make the repairs and restorations with all reasonable expedition, subject to delays due to adjustment of insurance claims, labor troubles and causes beyond the Company's reasonable control. After any such casualty, CLECs shall cooperate with the Company's restoration by removing from the collocation space, as promptly as reasonably possible, all of their salvageable inventory and movable equipment, furniture and other property. The Company will work cooperatively with the CLECs to minimize any disruption to service, resulting from any damage. The Company shall provide written notification to CLECs detailing its plans to rebuild and will restore service as soon as practicable. In the event of termination, the Company's rights and remedies against CLECs in effect prior to such termination, and any fees owing, shall be paid up to such date. Any advance payments of fees made by CLECs for periods after such date, shall be returned.



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- 17. COLLOCATION SERVICE (Continued)
- 17.10 <u>Termination of Service</u>

17.10.1 <u>Grounds for Termination</u>

The Company's obligation to provide collocation is contingent upon the CLEC's compliance with the terms and conditions of this tariff and other applicable requirements of the collocation arrangement, including, without limitation, Company receipt of all applicable fees, rates, charges, application forms and required permits. Failure of the CLEC to make payments when due may result in termination of service.

Collocation arrangements will automatically terminate if the premise in the which the collocation space is located is closed, decommissioned or sold and no longer houses the Company's network facilities. At least one hundred eighty (180) days written notice will be given to the CLEC of events which may lead to the automatic termination of any such arrangement pursuant to this tariff, except when extraordinary circumstances require a shorten interval. In such cases, the Company will provide notice to the CLEC as soon as practical. The Company will work cooperatively with the CLEC to minimize any potential for service interruption resulting from such actions.

In addition to the other grounds for termination of collocation services set forth herein, the Company also reserves the right to terminate such services upon thirty (30) calendar days notice in the event the CLEC is not in conformance with Company standards and requirements, and/or imposes continued disruption and threat of harm to Company employees and/or network, or the Company's ability to provide service to other CLECs.

17.10.2 Effects of Termination

A CLEC must provide a minimum of thirty (30) calendar days written notice if the CLEC elects to terminate a existing collocation arrangement after acceptance of the collocation space. All monthly recurring charges will continue for thirty (30) calendar days from the date of the termination notice, or until the collocation space is vacated, whichever is longer.

Upon the termination of collocation service, the CLEC shall disconnect and remove its equipment from the designated collocation space. The Company reserves the right to remove CLEC equipment if the CLEC fails to remove and dispose of the equipment within the thirty (30) calendar days of discontinuance. The CLEC will be charged the appropriate additional labor charge in 17.16 following for the removal of such equipment. Upon removal by the CLEC of all its equipment from the collocation space, it will reimburse the Company for the cost to restore the collocation space to its original condition at time of occupancy. The cost will be applied based on the additional labor charges rate set forth in 17.16 following.

17.10.3 Cancellations and Acceptance Delays

If a CLEC elects to cancel a request for collocation when construction is in progress and prior to acceptance of the collocation space, the CLEC must do so in writing. Engineering/Major Augment fees submitted with the application will not be refunded. No monthly recurring charges will be billed to the CLEC.

If a CLEC elects to not accept a completed collocation arrangement, the CLEC must provide written extist with a completion date to avoid incurring any monthly recurring charges. Engineering/Major Augment fees submitted with the application will not be refunded.

Additional details on cancellations and acceptance are set forth in the Company's Collocation Services, Packet described in Section 17.3.1.

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17. COLLOCATION SERVICE (Continued)

17.11 <u>Miscellaneous</u>

The Company retains ownership of premises floor space, adjacent land and equipment used to provide all forms of collocation. The Company reserves for itself and its successors and assignees, the right to utilize the premises space in such a manner as will best enable it to fulfill its service requirements. The CLEC does not receive, as a result of entering into a collocation arrangement, any right, title or interest in Company wire center facility, the multiplexing node, multiplexing node enclosure, cable, cable space, cable racking, vault space or conduit space other than as expressly provided herein. To the extent that a CLEC requires use of a Company local exchange line, it must order a business local exchange access line (B1). A CLEC may not use Company official lines.

17.12 Virtual Collocation

- (A) Description
 - (1) Under virtual collocation, the Company installs and maintains CLEC provided equipment, which is dedicated to the exclusive use of the CLEC in a collocation arrangement. A CLEC provides fiberoptic facilities through Company entrance manholes for connection to the CLEC virtually collocated transmission equipment that provides interconnection to Company facilities located in the premises.

The physical point of interface for connection to the virtual arrangement is referred to as manhole zero. From this manhole into the premises, the Company shall assume ownership of and maintain the fiber. From this manhole toward the CLEC's location, the fiber optic cable remains the CLEC's responsibility, with the CLEC performing all servicing and maintaining full ownership. If the CLEC is purchasing Company provided unbundled interoffice facilities as transport, the CLEC entrance fiber is not required. All elements/services shall be connected to the output cables of the virtual collocation arrangement using Company designated cable assignments, not channel assignments.

- (2) Virtual collocation is offered on a first come, first served basis and is provided subject to the availability of space and facilities in each premises where virtual collocation is requested.
- (3) If the CLEC requests virtual collocation of equipment other than the standard virtual arrangement, the CLEC and Company will mutually agree upon the type of equipment to be virtually collocated.
- (B) Implementation Intervals and Planning
 - (1) The Company and the CLEC shall work cooperatively to jointly plan the implementation milestones. The Company and the CLEC shall work cooperatively in meeting those milestones and deliverables as determined during the joint planning process. A preliminary schedule will be developed outlining major milestones including anticipated delivery dates for the CLEC-provided transmission equipment and for training.
 - (2) The Company will notify the CLEC of issues or unanticipated delays, as they become known. The Company and the CLEC shall conduct additional joint planning meetings, as reasonably required, to ensure all known issues are discussed and to address any that may impact the implementation process. Planning meetings shall include establishment of schedule, identification of the final performed, spare plug-in/card requirements, test equipment, and determination of the final implementation schedule.

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- 17. COLLOCATION SERVICE (Continued)
- 17.12 Virtual Collocation (Continued)
 - Implementation Intervals and Planning (Continued) (B)
 - The implementation interval is 105 business days for all standard arrangement requests which (3) were properly forecast six months prior to the application dates subject to the tariff provisions governing forecasting and capacity in Section 17.4. The Company and the CLEC shall work cooperatively to schedule each site on a priority-based order. The Company and the CLEC shall mutually agree upon intervals for non-standard arrangements.
 - (C) **Transmission Failure**
 - (1) In the event of a transmission failure, the obligation to determine fault location, regardless of whether the fiber span is equipped with optical regeneration equipment, lies with the transmitting end. It is the responsibility of the receiving end to report incoming signal loss to the transmitting end.
 - (D) Accommodations

(8)

- Upon receipt of a completed application and associated Virtual Engineering fee, the Company will (1) conduct an application review, engineering review and site survey at the requested premises. The Company will notify the CLEC within ten business days of the results of this review and site survey.
- (2) The dedicated terminal equipment inside the Company's premises shall be provided by the CLEC and leased to the Company for the sum of one dollar after successful installation and equipment testing by the Company. The term of the operating lease will run for the duration of the virtual collocation arrangement, at which time the CLEC will remove the equipment. The CLEC will retain ownership of this equipment inside the premises. The Company will operate and maintain exclusive control over this equipment inside the premises.
- (3) Where the Company uses approved contractors for installation, maintenance or repair of Virtual collocation arrangements, the CLEC may hire the same approved contractors directly for installation, maintenance or repair of CLEC designated equipment.
- (4) Where the Company does not use contractors, CLEC designated equipment and CLEC provided facilities used in the provision of Virtual collocation will be installed, maintained and repaired by the Company. The Company will maintain and repair the CLEC designated equipment under the same timeframe and standards as its own equipment.
- (5) CLEC personnel are not allowed on the Company premises to maintain and repair on Virtual collocation equipment.
- The Company shall monitor local premise and environmental alarms to support the equipment. The (6) Company will notify the CLEC if a local office alarm detects an equipment affecting condition.
- The Company will be responsible to pull the fiber into and through the cable entrance facility (i.e. (7) vault) to the virtual collocation arrangement. All installations into the cable performed by Company personnel or its agents.

training has been completed (refer to Section 17.12(K)).

e**htearce facility a**r No virtual collocation arrangement will be placed in service by the Company until necessary PUBLIC SERVICE COMMISSION OF KENTUCKY

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.12 Virtual Collocation (Continued)
 - (E) Plug-ins and Spare Cards
 - (1) When a plug-in/card is determined by the Company to be defective, the Company will label the plug-in as defective and place it in the CLEC-dedicated plug-in/card storage cabinet. The CLEC will be notified as the plug-in/card is replaced.
 - (2) The Company will not provide spare plug-ins/cards under any circumstances, nor is the Company responsible for the CLEC's failure to replace defective plug-ins/cards. The Company shall not be held responsible if the CLEC provides an inadequate supply of plug-ins/cards. The Company will segregate and secure the CLEC-provided maintenance spares in the CLEC-provided spare plugin/card cabinet.
 - (3) The CLEC shall provide the shop-wired piece of equipment fully pre-equipped with working plugins/cards. In addition, the CLEC shall provide the Company with maintenance spares for each plugin/card type. The number of maintenance spares shall be the manufacturer's recommended amount, unless otherwise mutually agreed by the Company and the CLEC, provided however, that in no event shall the number of spare plug-ins/cards be less than two of each type. These spares must be tested by the CLEC prior to delivery to the Company.
 - (4) In addition to maintenance spares, the CLEC will also provide any unique tools or test equipment required to maintain, turn-up, or repair the equipment.
 - (5) Upon receiving notification from the Company that a plug-in/card has been replaced, the CLEC is then responsible to contact the Company operations manager to arrange exchange and replacement of the plug-in/card. Exchanged, pre-tested spares shall be provided within one week of replacement of a defective plug-in/card.
 - (6) Subject to premise space availability, the CLEC shall have the option of providing a stand-alone spare plug-in/card cabinet(s) or a rack-mountable spare plug-in/card cabinet(s), to the Company's specification, to house the spare plug-ins/cards. The spare plug-in/card cabinet(s) and minimum number of maintenance spares must be provided before the virtual collocation arrangement is completed and service is established.
 - (7) The amount of spare plug-ins/cards required will be based on the manufacturer's recommended amount, unless otherwise mutually agreed by the Company and the CLEC.
 - (F) Safety and Technical Standards
 - (1) The Company reserves all rights to terminate, modify or reconfigure the provision of service to the CLEC if, in the discretion of the Company, provision of service to the CLEC may in any way interfere with or adversely affect the Company's network or its ability to service other CLECs.
 - (2) All CLEC equipment to be installed in Company premises must fully comply with the GRARIEB BRANCH - CORE, GR - 1089 - CORE and the Company's premise environmental and transmission standards in effect at the time of equipment installation. The equipment must a secomply with the VEE requirements in NIP 74165, as they relate to fire, safety, health, environmental, and network safeguards.

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- 17. COLLOCATION SERVICE (Continued)
- 17.12 <u>Virtual Collocation</u> (Continued)
 - (F) Safety and Technical Standards (Continued)
 - (3) It is the CLEC's responsibility to demonstrate and provide to the Company adequate documentation from an accredited source certifying compliance. CLEC equipment must conform to the same specific risk/safety/hazard standards which the Company imposes on its own premises equipment as defined in RNSA – NEB – 95 – 0003, Revision 10 or higher.
 - (4) CLEC equipment is not required to meet the same performance and reliability standards as the Company imposes on its own equipment as defined in RNSA – NEB – 95 – 0003, Revision 10 or higher. The CLEC may install equipment that has been deployed by the Company for five years or more with a proven safety record.
 - (5) All the CLEC's entrance facilities and splices must comply with TR TSY 00020, TR NWT 001058, BR 760 200 030 and SR TAP 001421 as they relate to fire, safety, health, environmental safeguards and interference with the Company's services and facilities. Such requirements include, but are not limited to the following: (1) The fibers must be single mode; (2) The fiber optic units must be of loose tube (12 fibers) or ribbon (12 fibers) design; (3) The fiber cable must be marked according to the cable marking requirements in GR 20 CORE, Section 6.2.1 4; (4) The fiber must be identified according to the fiber and unit identification (color codes) in GR 20 CORE, Section 6.2.5; (5) Unless otherwise mutually agreed, the outer cable jacket shall consist of a polyethylene resin, carbon black, and suitable antioxidant system; and (6) Silica fibers shall be fusible with a commercially available fusion splicer(s) that is commonly used for this operation.
 - (G) Control Over Premises Based Equipment
 - (1) The Company exercises exclusive physical control over the premises-based transmission equipment that terminates the CLEC's circuits and provides the installation, maintenance, and repair services necessary to assure proper operation of the virtually collocated facilities and equipment. Such work will be performed by the Company under the direction of the CLEC.
 - (H) Removal of Equipment
 - (1) The Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or GR – 1089 – CORE.
 - (I) Installation and Trouble Resolution
 - (1) The Company will process and prioritize the trouble ticket in the same manner it does for its own equipment, including the dispatch of a technician to the equipment. The technician will contact the CLEC at the number provided and service the equipment as instructed and directed by the CLEC.
 - (J) Placement, Removal and Monitoring of Facilities and Equipment
 - (1) From manhole zero toward the CLEC's location the fiber optic cable remains the CLEC's responsibility, with the CLEC performing all servicing and maintaining full ownership. 7/17/2006
 - (2) The CLEC has the responsibility to remotely monitor and control their circuits terminating in the SERVICE Company's premises, however, the CLEC will not enter the Company's premises under COMMISSION collocation arrangements.

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.12 <u>Virtual Collocation</u> (Continued)
 - (J) Placement, Removal and Monitoring of Facilities and Equipment (Continued)
 - (3) Performance and surveillance monitoring and trouble isolation shall be provided by the CLEC. A clear distinction must be made by the CLEC when submitting reports of troubles on the Company services/elements connected to the virtually collocated equipment and reports of troubles with the collocated equipment. The former can be handled using Company technicians and standard processes. The latter will require specially trained technicians familiar with the collocated equipment (refer to Section 17.12(K)).
 - (4) When the CLEC isolates a trouble and determines that a Company technician should be dispatched to the equipment location for a servicing procedure, the CLEC shall enter a trouble ticket with the Company. The CLEC shall provide standard trouble information, including the virtual collocation arrangement's circuit identification, nature of the activity request, and the name and telephone number of the CLEC's technician/contact.
 - (5) Responses to all equipment servicing needs will be at the CLEC's direction. Maintenance will not be performed without the CLEC's direct instruction and authorization.
 - (6) If the CLEC is providing its own transport fiber for the virtual collocation arrangement, the CLEC will arrange placement of the fiber into manhole zero with enough length (as designated by the Company) to reach the virtual collocation arrangement.
 - (7) Maintenance activity (trouble in the equipment) is to be tested, isolated and evaluated by the CLEC. Company technicians will perform the instructed activities on the equipment as specifically directed by the CLEC.
 - (8) The CLEC shall provide, own, and operate the terminal equipment at their site outside the Company's premises.
 - (K) Use of Non-Standard Equipment
 - (1) When a CLEC requests a virtual collocation arrangement consisting of equipment which the Company does not use in its network nor has deployed in that particular premise to provide service to itself or another CLEC, the CLEC shall be responsible for training 50%, but no fewer than five, of the Company technicians in the administrative work unit responsible for servicing the equipment. Any special tools or electronic test sets that the Company does not have at the premises involved must be provided by the CLEC with adequate manufacturer's training.
 - (2) The CLEC is responsible to arrange and pay all costs (including but not limited to transportation and lodging for Company technicians) to have Telephone Company technicians professionally trained by appropriate trainers certified on the specific equipment to be used to provide the virtual collocation arrangement to the CLEC. The CLEC shall also pay for the Company technicians FtBRANCH subject to tariffed rates. When travel is required, travel expenses associated with training will be charged to the CLEC based on ticket stubs and/or receipts. This includes the cleC also has the option of arranging and paying for all travel expenses for Company technicians directly/117/2006

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
 - (K) Use of Non-Standard Equipment (Continued)
 - (3) In the event of an equipment upgrade, the CLEC must provide secondary training subject to the provisions contained herein.
 - (L) Additions and Rearrangements
 - (1) Once the CLEC has established a virtual collocation arrangement, changes to the existing configuration, (including but not limited to, growing, upgrading, and/or reconfiguring the current equipment) are considered rearrangements to that virtual collocation arrangement. If the CLEC decides to rearrange an existing virtual collocation arrangement, the CLEC must submit a new application outlining the details of the rearrangement along with a Virtual Engineering/Major Augment fee.
 - (M) Application of Rates and Charges
 - (1) Virtual Engineering Fee

The Company will require a Virtual Engineering/Major Augment fee (NRC) per virtual collocation request, per premise or other Company location where the CLEC requests to establish virtual collocation. A Virtual Engineering/Major Augment fee is required to be submitted by the CLEC with its application. This fee applies for all new virtual collocation arrangements as well as subsequent additions to an existing arrangement, and provides for application processing, and for the Company's performance of an initial site visit and an engineering evaluation.

If the CLEC cancels or withdraws its request for a virtual collocation arrangement prior to turn-up, the CLEC will be liable for all costs and liabilities incurred by the Company in the developing, establishing, or otherwise furnishing the virtual collocation arrangement up to the point of cancellation or withdrawal.

(2) Other Virtual Collocation Rate Elements

The application, description, and rates of other Virtual Collocation rate elements are described in Sections 17.15 and 17.16.

(N) Conversions

Requests for converting Virtual Collocation arrangements to Caged or Cageless arrangements shall be submitted and designated as an Augment Application described in Section 17.3.5. Requests for converting a Virtual arrangement to a Cageless arrangement that requires no physical changes to the arrangement will be assessed a Minor Augment fee. All other conversion requests for Virtual to Caged or Cageless will be assessed an Engineering/Major Augment Fee and other applicable charges. The Company will notify the CLEC within ten (10) business days following receipt of the completed Augment Application if the CLEC conversion request is accepted or denied. When converting a Virtual arrangement to a Caged or Cageless arrangement, the CLEC's equipment may need to be relocated. The CLEC with be the CLEC's equipment may need to be relocated. The CLEC with the relocation of its equipment as described in Section 17.1.7.

17.13 Microwave Collocation

Microwave collocation is available on a first-come first-served basis where technically feasible. The microwave equipment may include microwave antenna(s), mounts, towers or other antenna support equipment on the exterior of the building, and radio transmitter/receiver equipment located either inside or on the exterior of the building Allocation arrangement and the physically interconnected to Company facilities through the collocation arrangement

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.13 <u>Microwave Collocation</u> (Continued)
 - (A) Accommodations
 - (1) The Company will provide space within the cable riser, cable rack support structures and between the transmitter/receiver space and the roof space needed to reach the physical or virtual collocation arrangement and to access the Company's interconnection point. Waveguide may not be placed in Company cable risers or racks. The Company reserves the right to prohibit the installation of waveguide, metallic conduit and coaxial cable through or near sensitive equipment areas. The route of the waveguide and/or coaxial cable as well as any protection required will be discussed during the pre-construction survey.
 - (2) The Company will designate the space in, on or above the exterior walls and roof of the premises which will constitute the roof space or transmitter/receiver space. The Company may require the CLEC's transmitter/receiver equipment to be installed in a locked cabinet which may be free standing, wall mounted or relay rack mounted. The Company may enclose the CLEC's multiplexing node or transmitter/receiver equipment in a cage or room.
 - (3) At the option of the Company, the antenna support structure shall be built, owned and maintained by either the Company or by the CLEC. The Company reserves the right to use existing support structures for a CLEC's antenna, subject to space and capacity limitations. The Company also reserves the right to use any unused portion of a support structure owned by a CLEC for any reason, subject to the provisions set forth below. It shall be the responsibility of the owner of the support structure to maintain a record of the net book value of the structure. When the Company is the owner of the structure, it shall keep such records in accordance with the FCC's Part 32 uniform system of accounts. When the CLEC is the owner of the structure, it shall keep such records in accordance with generally accepted accounting principles.
 - (4) The owner of the support structure shall use reasonable efforts to accommodate requests by other CLECs to use the support structure for microwave interconnection on a first-come first-served basis.
 - (5) For those interconnecting via microwave facilities, transmitter/receiver equipment may be located in the CLEC's interior collocation space, or in a separate location inside or on the exterior of the building as determined by the Company.
 - (B) Security
 - (1) The Company will permit the CLEC's employees, agents and contractors approved by the Company to have access to the areas where the CLEC's microwave antenna and associated equipment (e.g., tower and support structure, transmitter/receiver equipment, and waveguide and/or coaxial cable) is located during normal business hours for installation and routine maintenance, provided that the CLEC employees, agents and contractors comply with the policies and practices of the Company pertaining to fire, safety and security. Such approval will not be unreasonably withheld. During non-business hours, the Company will provide accessing event basis.
 - (2) The Company will also permit all approved employees, agents and contractors of the CLEC to have access to the CLEC's cable and associated equipment (e.g., repeaters). This will include access to riser cable, cableways, and any room or area necessary for access.

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- 17. COLLOCATION SERVICE (Continued)
- 17.13 <u>Microwave Collocation</u> (Continued)
 - (B) Safety and Technical Standards
 - (1) The Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or electromagnetic compatibility and electrical safety generic criteria for network telecommunication equipment specified in GR 1089 CORE. The Company will provide 90 days notice of the change unless it is due to an emergency which renders notice impossible.
 - (2) The Company reserves the right to review wind or ice loadings, etc., for antennas over 18 inches in diameter or for any multiple antenna installations, and to require changes necessary to insure that such loadings meet generally accepted engineering criteria for radio tower structures.
 - (3) The minimum height of equipment placement, such as microwave antennas, must be eight feet from the roof. For masts, towers and/or antennas over 10 feet in height, the CLEC or if applicable, the Company, shall have the complete structure, including guys and supports, inspected every two years by an acceptable licensed professional engineer of its choice specializing in this type of inspection. For CLEC owned structures that are solely for the use of one CLEC's antenna(s), such inspection will be at the CLEC's own cost and expense. For structures used by multiple CLECs, the costs associated with such inspection shall be apportioned based on relative capacity ratios. A copy of this report may be filed with the Company within 10 days of the inspection. The owner shall be responsible to complete all maintenance and/or repairs, as recommended by the engineer, within 90 days.
 - (4) The CLEC shall provide written notice to the Company of any complaint (and resolution of such complaint) by any governmental authority or others pertaining to the installation, maintenance or operation of the CLEC's facilities or equipment located in roof space or transmitter/receiver space. The CLEC also agrees to take all necessary corrective action.
 - (5) All CLEC microwave equipment to be installed in or on the exterior of the Company premises must be on the Company's list of approved products, or equipment that is demonstrated as complying with the technical specifications described herein. Where a difference may exist in the specifications, the more stringent shall apply.
 - (6) The CLEC must comply with Company technical specifications for microwave collocation interconnection specified in NIP – 74171 and the Company's digital switch environmental requirements specified in NIP – 74165, as they relate to fire, safety, health, environmental, and network safeguards, and ensure that CLEC provided equipment and installation activities do not act as a hindrance to Company services or facilities. The CLEC's equipment placed in or on roof space or transmitter/receiver space must also comply with all applicable rules and regulations of the FCC and the FAA.
 - (7) CLEC facilities shall be placed, maintained, relocated or removed in accordance with the applicable requirements and specifications of the current edition of NIP 74171, national electrications of the CERANCH national electrical safety code, rules and regulations of the OSHA, and any governing authority having jurisdiction.
 - (8) All CLEC microwave facilities must comply with Bellcore specifications regarding microwave and radio based transmission and equipment, CEF, BR 760 200 030, and SR TAP 001421; and the Company's practices as they relate to fire, safety, health, environmental safeguages revices transmission and electrical grounding requirements, or interference with Company Scotter SSION facilities.
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- 17. COLLOCATION SERVICE (Continued)
- 17.13 <u>Microwave Collocation</u> (Continued)
 - (C) Safety and Technical Standards (Continued)
 - (9) The equipment located in, on or above the exterior walls or roof of the Company's building must either be on the Company's list of approved products or fully comply with requirements specified in GR – 63 – CORE, GR – 1089 – CORE and NIP 74171. This equipment must also comply with NIP – 74160, premises engineering environmental and transmission standards as they relate to fire, safety, health, environmental safeguards, or interference with Company service or facilities.
 - (10) Each transmitter individually and all transmitters collectively at a given location shall comply with appropriate federal, state and/or local regulations governing the safe levels of radio frequency radiation. The minimum standard to be met by the CLEC in all cases is specified in ANSI C95.1 – 1982.
 - (11) CLEC equipment must conform to the same specific risk, safety, hazard standards which the Company imposes on its own premises equipment as defined in RNSA – NEB – 95 – 0003, Revision 10 or higher. CLEC equipment is not required to meet the same performance and reliability standards as the Company imposes on its own equipment as defined in RNSA – NEB – 95 – 0003, Revision 10 or higher.
 - (D) Placement and Removal of Facilities and Equipment
 - (1) Prior to installation of the CLEC's facilities or transmission equipment for microwave interconnection, the CLEC must obtain at its sole cost and expense all necessary licenses, permits, approvals, and/or variances for the installation and operation of the equipment and particular microwave system, and when applicable for any towers or support structures, as may be required by authorities having jurisdiction.
 - (2) The CLEC is not permitted to penetrate the building exterior wall or roof when installing or maintaining transmission equipment and support structures. All building penetration will be done by the Company or a hired agent of the Company.
 - (3) Any CLEC's equipment used to produce or extract moisture must be connected to existing or newly constructed building or roof top drainage systems, at the expense of the CLEC.
 - (4) The CLEC will be responsible for supplying, installing, maintaining, repairing and servicing the following microwave specific equipment: Waveguide, waveguide conduit, and/or coaxial cable, the microwave antenna and associated tower and support structure and any associated equipment; and the transmitter/receiver equipment and any required grounding.
 - (5) The CLEC may install equipment that has been deployed by the Company for five years or more with a proven safety record.
 - (E) Moves, Replacements or Other Modifications
 - (1) Where the CLEC intends to modify, move replace or add to equipment or facilities vitting or about the roof space or transmitter/receiver space(s) and requires special consideration (e.g., use of freight elevators, loading dock, staging area, etc.), the CLEC must request and receive written of consent from the Company. Such consent will not be unreasonably withheld. The CLEC shall not make any changes from initial installation in terms of the number of transmitter/receivers, lype of radio equipment, power output of transmitters or any other technical parameters without the proventies written approval of the Company.

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.13 <u>Microwave Collocation</u> (Continued)
 - (F) Space and Facilities
 - (1) Monthly rates are applicable to each microwave CLEC for the space (generally on the premises roof) associated with Company or CLEC owned antenna support structures. The rate is calculated using the rate per square foot, multiplied by the square footage of the footprint, which resultant is multiplied by the CLEC's RCRs, (i.e., the sum of the RCRs of each of the CLEC's antennas).
 - (2) Square footage for the footprint will be based on the length times width of the entire footprint formed on the horizontal plane (generally the roof top) by the antenna(s), tower(s), mount(s), guy wires and/or support structures used by the CLEC. For a non-rectangular footprint, the length will be measured at the longest part of the footprint and the width will be the widest part of the footprint.
 - (3) The owner of the support structure may charge CLECs proposing to use the structure, on a onetime basis, for the following costs and/or values. Any incremental costs associated with installing the user's antenna, including but not limited to, the costs of engineering studies, roof penetrations, structural attachments, support structure modification or reinforcement, zoning and building permits. A portion of the net book value of the support structure based on the relative capacity ratio (RCR) of the user's proposed antenna(s) to be mounted on the structure. A user's RCR represents the percent of the total capacity of the support structure used by user's antenna(s) on the structure. Spare capacity shall be deemed to be that of the owner of the structure. RCRs shall be expressed as a two place decimal number, rounded to the nearest whole percent. The sum of all user's RCRs and the owner's RCR shall at all times equal 1.00. It shall be the responsibility of the owner of the structure to provide the proposed user the net book value of the structure at the time of the proposed use. Upon request, the owner shall also provide the proposed user accounting records or other documentation supporting the net book value.
 - (4) The owner of the structure may not assess other users of the structure any charges in addition to the one-time charge described above, except that the owner of the structure may assess other user's a proportionate share of inspection costs and the Company may assess microwave CLECs monthly recurring charges for use of its roof space. At the time a CLEC (including the owner) proposes to attach additional antennas to an existing support structure, it shall be the responsibility of that CLEC to obtain, at their cost and expense, an engineering analysis by a registered structural engineer to determine the relative capacity ratio of all antennas on the structure, including the proposed antennas.
 - (5) When a CLEC is the owner of the structure, the proposed user shall pay the owner directly the onetime charge as set forth above. When the Company is the owner of the support structure, it shall determine the charge on an individual case basis. In the event that a CLEC who owns the support structure fails to comply with these provisions, at the Company's option, ownership of the support structure shall transfer to the Company.
 - (6) Costs incurred by he Company to conduct a review for wind or ice loadings (etc.) for antennas over 18 inches in diameter, or for any multiple antenna installation, and any charges which prevent a required thereto in order to insure that such loadings meet generally accepted engineering criteria for radio tower structures, will be billed to the CLEC.

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Lexington, Kentucky

17. COLLOCATION SERVICE (Continued)

- 17.13 <u>Microwave Collocation</u> (Continued)
 - (G) Emergency Power and/or Environmental Support

In the event special work must be done by the Company to provide emergency power or environmental support to the transmitter/receiver equipment or antenna, the CLEC will be billed on a time and materials basis for the costs incurred.

(H) Escorting

When a CLEC is escorted by a qualified Company employee for access to the roof space, transmitter/receiver space, or cable risers and racking for maintenance, the miscellaneous labor charges as set forth in Section 17.16.51 will apply.

- 17.14 Rate Regulations
- 17.14.1 Rates and Charges
 - (A) Except as otherwise described herein, the rates for Company collocation services provided pursuant to this tariff are set forth in 17.16 following. The tariffed rates herein may be superseded by rates contained in future regulatory orders or as otherwise required by legal requirements.

17.14.2 <u>Billing and Payment</u>

- (A) The initial payment of nonrecurring charges (NRCs) shall be due and payable in accordance with 17.4.1 preceding. The balance of the NRCs and all related monthly recurring service charges will be billed to the CLEC when the Company provides CLEC access to the caged, cageless or adjacent collocation arrangement and shall be payable in accordance with applicable established payment deadlines.
- (B) The Company will apply charges (e.g., nonrecurring and recurring rates for entry fiber, power, etc.) and commence billing for the virtual collocation arrangement upon completion of the installation, when it shall have finished all elements of the installation under its control. The readiness of the CLEC to utilize the completed virtual collocation arrangement will not impair the right of the Company to commence billing.
- (C) The Company shall charge the CLEC for all costs incurred in providing the virtual collocation arrangement, including, but not limited to, the Company's planning, engineering and installation time and costs incurred by the Company for inventory services. Any and all expenses associated with placing the CLEC's fiber in manhole zero, including license fees, shall be the responsibility of the CLEC.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements
- 17.15.1 Non-Recurring Charges

The following are non-recurring charges (one-time charges) that apply for specific work activity.

(A) Engineering/Major Augment Fee

The Engineering/Major Augment Fee applies for each initial Caged, Cageless, Virtual, or Microwave collocation request and major augment requests for existing Caged, Cageless, and Virtual collocation arrangements. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate collocation. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

(B) Minor Augment Fee

The Minor Augment Fee applies for each minor augment request of an existing Caged, Cageless, Virtual, or Microwave collocation arrangement that does not require additional AC or DC power systems, HVAC system upgrades, or additional cage space. Minor augments are those requests that require the Company to perform a service or function on behalf of the CLEC including, but not limited to: installation of Virtual equipment cards or software upgrades, removal of Virtual equipment, requests to pull cable from exterior microwave facilities, and requests to terminate DSO, DS1 and DS3 cables.

(C) Access Card Administration

The Access Card Administration rate covers activities associated with the issuance and management of premises access cards. The rate is applied on a per card basis.

(D) <u>Cage Enclosure</u>

The Cage Enclosure rate is applied per caged arrangement. This rate includes the labor and materials to recover the costs incurred in constructing the CLEC's cage, cage gate, and grounding bar. There are five caged enclosure rate elements based on the size of the cage: 25 to 100 square feet; 101 to 200 square feet; 201 to 300 square feet; 301 to 400 square feet; and 401 to 500 square feet.

(E) <u>Cage Enclosure Augment</u>

The Cage Enclosure Augment rate is applied per square foot of fencing when a CLEC requests additional fencing for an existing caged arrangement.

(F) BITS Timing

The non-recurring charge for BITS Timing includes engineering, materials, and labor costs to with PBTS port to the CLEC's equipment. If requested, it is applied on a per project basis.



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- 17. COLLOCATION SERVICE (Continued)
- 17.15 <u>Description and Application of Rate Elements (Continued)</u>
- 17.15.1 <u>Non-Recurring Charges</u> (Continued)
 - (G) Overhead Superstructure

The Overhead Superstructure charge is applied for each initial caged and cageless collocation application. The Overhead Superstructure charge is designed to recover the Company's engineering, material, and installation costs for extending dedicated overhead superstructure.

(H) Facility Pull-Engineering

The Facility Pull-Engineering charge is applied per project to recover the engineering costs of pulling metallic cable or fiber optic patchcord from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel or fiber distribution panel. The charge would also apply per project to recover the engineering costs of pulling transmission cable from microwave antennae facilities on the rooftop to the collocation cage or relay rack.

(I) Facility Pull

The Facility Pull charge is applied per cable run and recovers the labor cost of pulling metallic cable or fiber optic patchcord from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.

(J) Cable Termination

The Cable Termination charge is applied per cable or fiber optic patchcord terminated and is designed to recover the labor cost of terminating transmission cable or fiber optic patchcord from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.1 <u>Non-Recurring Charges</u> (Continued)
 - (K) <u>Fiber Cable Pull-Engineering</u>

The Fiber Cable Pull-Engineering charge is applied per project to cover the engineering costs for pulling the CLEC's fiber cable, when necessary, into the Company's central office.

(L) <u>Fiber Cable Pull-Place Innerduct</u>

The Fiber Cable Pull-Place Innerduct charge is applied per linear foot to cover the cost of placing innerduct. Innerduct is the split plastic duct placed from the cable vault to the CLEC's equipment area through which the CLEC's fiber cable is pulled.

(M) Fiber Cable Pull-Labor

This charge is applied per linear foot and covers the labor costs of pulling the CLEC's fiber cable into the Company's central office.

(N) Fiber Cable Pull-Fire Retardant

This charge is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

(O) Fiber Splice-Engineering

The Fiber Splice-Engineering charge is applied per project and covers the engineering costs for fiber cable splicing projects.

(P) Fiber Splice

The Fiber Splice charge is applied per fiber cable spliced and recovers the labor cost associated with the splicing.



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(C)

- ISSUED: April 27, 2007 BY: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.1 <u>Non-Recurring Charges</u> (Continued)
 - (Q) DC Power

The DC Power Charge is applied per request for each caged and cageless collocation application. This recovers the Company's engineering, material and installation costs for providing and terminating DC power runs to the collocation area.

(R) Cable Material Charges

The CLEC has the option of providing its own cable or the Company may, at the CLEC's request, provide the necessary transmission and power cables. If the Company provides these cables, the applicable Cable Material Charge will be charged.

(S) Adjacent Engineering Fee

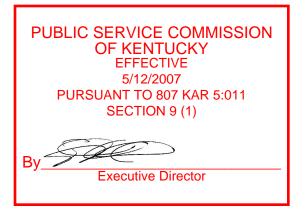
The Adjacent Engineering Fee provides for the initial activities of the Central Office Equipment Engineer, Land & Building Engineer and the Outside Plant Engineer associated with determining the capabilities of providing Adjacent On-Site collocation. The labor charges are for an on-site visit, preliminary investigation of the manhole/conduit systems, wire center and property, and contacting other agencies that could impact the provisioning of adjacent collocation.

(T) Adjacent Fiber Cable Pull-Engineering

The Adjacent Fiber Cable Pull-Engineering fee provides for engineering associated with pulling the CLEC's fiber cable in an adjacent collocation arrangement. The Adjacent Fiber Cable Pull-Engineering charge includes the time incurred by the Outside Plant Engineer on the project to determine the conduit/ subduct assignment and associated outside plant activity to complete the work.

(U) Adjacent Fiber Cable Pull-Place Innerduct

This NRC covers the cost for placing innerduct, if required for adjacent collocation, which is the split plastic duct placed from the cable vault to the CLEC's equipment area through which the CLEC's fiber is pulled.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 <u>Description and Application of Rate Elements (Continued)</u>
- 17.15.1 <u>Non-Recurring Charges</u> (Continued)
 - (V) Adjacent Fiber Cable Pull-Labor

This charge covers the labor costs for pulling CLEC fiber cable for an adjacent collocation arrangement. Refer to Adjacent Fiber Cable Pull-Engineering above.

(W) Adjacent-Cable Fire Retardant

This charge is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

(X) Adjacent Metallic Cable Pull-Engineering

This NRC covers the engineering costs of pulling metallic cable for Adjacent collocation into the Company wire center. For Adjacent collocation, the metallic cable will be spliced in the cable vault to a stubbed connector located on the vertical side of the main distribution frame to provide proper protection for central office equipment.

(Y) Adjacent Metallic Cable Pull-Labor

This charge covers the labor costs of pulling metallic cable for Adjacent collocation into the Company wire center.

(Z) Adjacent Cable Splice-Engineering

This charge covers the outside plant engineering costs for cable splice projects associated with an adjacent collocation arrangement.

(AA) Adjacent DS1/DS0 Cable Splice-Greater Than 200 Pair

This charge is for the labor to splice metallic cables and is based on a per pair spliced.

(AB) Adjacent DS1/DS0 Cable Splice-Less Than 200 Pair

This charge is for the labor to splice metallic cables and is based on a per pair spliced.



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- BY: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.1 <u>Non-Recurring Charges</u> (Continued)
 - (AC) Adjacent Fiber Cable Splice

This charge covers the labor to splice fiber cables and is based on a per fiber spliced.

(AD) Adjacent Facility Pull-Engineering

This charge covers the engineering cost associated with the interconnection wire (cable) from the main distribution frame connector to a termination block or DSX panel.

(AE) Adjacent Facility Pull-Labor

This charge covers the labor of running the interconnection wire (cable) from the main distribution frame connector to a termination block or DSX panel.

(AF) Adjacent DS0 Cable Termination (Connectorized)/Adjacent DS0 Cable Termination (Unconnectorized)

These charges cover the labor to terminate these types of interconnection wire (cable) for adjacent collocation to the main distribution frame block or DSX panel.

(AG) Adjacent DS1 Cable Termination (Connectorized)/Adjacent DS1 Cable Termination (Unconnectorized)

These charges cover the labor of terminating these types of interconnection wire (cable) for adjacent collocation to the main distribution frame block or DSX panel.

(AH) Adjacent DS3 Coaxial Cable Termination (Preconnectorized) /Adjacent

These charges cover the labor of terminating this type of interconnection wire (cable) for adjacent collocation to the main distribution frame block or DSX panel.

(AI) Adjacent Fiber Cable Termination

This charge covers the labor of terminating fiber cable, per fiber strand, for adjacent collocation to a fiber distribution panel.



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- 17. COLLOCATION SERVICE (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.1 Non-Recurring Charges (Continued)

(AJ) Collocation Space Report

When requested by a CLEC, the Company will submit a report that indicates the Company's available collocation space in a particular premises. The report will be issued within ten calendar days of the request. The report will specify the amount of collocation space available at each requested premises, the number of collocators and any modifications in the use of the space since the last report. The report will also include measures that the Company is taking to make additional space available for collocation.

(AK) Miscellaneous Services-Labor

Additional labor, if required by the Company to complete a collocation request or perform inventory services for CLECs will be rated as set forth in 17.16 following.

(AL) Engineering/Major Augment Fee (Microwave Only)

The Engineering/Major Augment Fee for Microwave Collocation applies when an existing Caged and Cageless collocation arrangement is augmented with newly installed microwave antennae and other exterior facilities. This charge recovers the costs of the initial walkthrough to determine if there is sufficient space, the best location for the microwave antennae and other exterior facilities, what building modifications are necessary, if any, and if sufficient support facilities exist in the premises to accommodate the microwave antennae and other exterior facilities. This fee also includes the total time for the Building Services Engineer to coordinate the entire project.

(AM) Facility Pull (Microwave Only)

The Facility Pull charge is applied per linear foot and recovers the labor cost of pulling transmission cable from the microwave antennae and other exterior facilities on the rooftop to the transmission equipment in the collocation cage or relay rack.

(AN) <u>Building Penetration for Microwave Cable</u>

The reasonable costs to penetrate buildings for microwave cable to connect microwave antennae facilities and other exterior facilities to the transmission equipment in the collocation cage or relay rack will be determined and applied on an individual case basis, where technically feasible, as determined by the initial and subsequent Engineer surveys.

(AO) Special Work for Microwave

The costs incurred by the Company for installation of CLEC's microwave antennae and other exterior facilities that are not recovered via other microwave rate elements will be determined and applicit PBRANCH individual case basis.

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- 17. COLLOCATION SERVICE (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.1 Non-Recurring Charges (Continued)

(AP) Virtual Equipment Installation

The Virtual Equipment installation charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for engineering and installation of the virtual collocation equipment. This charge would apply to the installation of powered equipment including, but not limited to: ATM, DSLAM, Frame Relay, Routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the installation of splitters.

(AQ) Virtual Software Upgrade

The Virtual Software Upgrade charge is applied per base unit when the Company, upon CLEC request, installs software to upgrade equipment for an existing Virtual Collocation arrangement.

(AR) <u>Virtual Card Installation</u>

The Virtual Card Installation charge is applied per card when the Company, upon CLEC request, installs additional cards for an existing Virtual Collocation arrangement.

(AS) <u>Cage Ground Bar</u>

If a CLEC elects to subcontract collocation cage construction to a Company approved contractor, the Company will provision a ground bar in the CLEC's cage. The charge is applied per ground bar and recovers the material and labor costs to install the grounding bar, including necessary grounding wire.

(AT) Dedicated Transit Service (DTS) – Service Order Charge

Applied per DTS order to the requesting CLEC for recovery of DTS order placement and issuance costs. The manual charge applies when the semi-mechanized ordering interface is not used.

(AU) <u>Dedicated Transit (DTS) – Service Connection CO Wiring</u>

Applied per DTS jumper to the requesting CLEC for recovery of DTS jumper material, wiring, and service turn-up for DS0, DS1, DS3 and dark fiber circuits.

(AV) Dedicated Transit Service (DTS) – Service Connection Provisioning

Applied per DTS order to the requesting CLEC for recovery of circuit design and labor costs associated with the provisioning of DS0, DS1, DS3 and dark fiber circuits for DTS.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 <u>Description and Application of Rate Elements (Continued)</u>
- 17.15.2 Monthly Charges

The following are monthly charges. Monthly charges apply each month or fraction thereof that Collocation Service is provided.

(A) <u>Caged Floor Space</u>

Caged Floor Space is the cost per square foot to provide environmentally conditioned caged floor space to the CLEC. Environmentally conditioned space is that which has proper humidification and temperature controls to house telecommunications equipment. The cost includes only that which relates directly to the land and building space itself.

(B) Relay Rack Floor Space

The Relay Rack Floor Space charge provides for the environmentally conditioned floor space that a relay rack occupies based on linear feet. The standardized relay rack floor space depth is based on half the aisle area in front and back of the rack, and the depth of the equipment that will be placed within the rack.

(C) Cabinet Floor Space

The Cabinet Floor Space charge provides for the environmentally conditioned floor space that a telecommunications equipment cabinet occupies based on linear feet. The standardized floor space depth is based on the size of the cabinet and half of the aisle in the front and rear of the cabinet. The cabinet size is based on the Company's standard cabinet size of 33 inches by 29 inches.

(D) <u>Cable Subduct Space-Manhole</u>

This charge applies per project per month and covers the cost of the space that the outside plant fiber occupies within the manhole.

(E) <u>Cable Subduct Space</u>

The Subduct Space charge covers the cost of the subduct space that the outside plant fiber occupies and applies on a per linear foot basis.

(F) Fiber Cable Vault Splice

The Fiber Cable Vault Splice charge applies per subduct or per splice and covers the space and material cost associated with the CLEC's fiber cable splice within the Company's cable vault.

(G) <u>Cable Rack Space-Metallic</u>

The Cable Rack Space-Metallic charge is applied for each DSO, DS1 and DS3 cable run. The charge is designed to recover the space utilization cost that the CLEC's metallic and coase of the space of the within the Company's cable rack system.



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- ISSUED: April 27, 2007 BY: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 <u>Description and Application of Rate Elements (Continued)</u>
- 17.15.2 Monthly Charges
 - (H) <u>Cable Rack Space-Fiber</u>

The Cable Rack Space-Fiber charge recovers the space utilization cost that the CLEC's fiber cable occupies within the Company's cable rack system.

(I) DC Power

The DC Power monthly charge is applied on a per 40 amp basis to a Zone 1 Office and on a per 5 amp (C) basis to Zone 2 and 3 offices. This charge is designed to recover the monthly facility and utility expense (C) to power the collocation equipment.

(J) Facility Termination

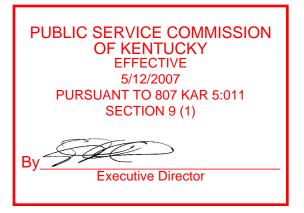
This charge is applied per cable terminated. This charge is designed to recover the labor and material costs of the applicable main distribution frame 100 pair circuit block, DSX facility termination panel, or fiber distribution panel.

(K) BITS Timing

The BITS Timing monthly charge is designed to recover equipment and installation cost to provide synchronized timing for electronic communications equipment. This rate is based on a per port cost.

(L) Building Modification

The Building Modification monthly charge is applied to each caged and cageless arrangement and is associated with provisioning the following items in the Company's premises: security, dust partition, ventilation ducts, demolition/site work, lighting, outlets, and grounding equipment.



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.2 Monthly Charges
 - (M) <u>Environmental Conditioning</u>

The Environmental Conditioning charge is applied to each caged and cageless arrangement on a per 40 amp increment to a Zone 1 Office and on a per 5 amp increment to Zone 2 and 3 offices based on the CLEC's DC Power requirements. This charge is associated with the provisioning of heating, ventilation, and air conditioning systems for the CLEC's equipment in the Company's premises.

(N) Adjacent Cable Subduct Space-Manhole

This charge covers the space utilization cost that the outside plant fiber or metallic cable occupies within the manhole.

(O) Adjacent Cable Subduct Space

The Adjacent Cable Subduct Space charge covers the space utilization cost of the subduct that the outside plant fiber or metallic cable occupies within the conduit system.

(P) Adjacent Conduit Space (Metallic)-Manhole

This charge covers the space utilization cost that the outside plant metallic cable occupies within the manhole.

(Q) Adjacent Conduit Space (Metallic)

This charge covers the space utilization cost that the outside plant metallic cable occupies within the conduit system.

(R) Adjacent Facility Termination DS0 Cable

This charge is applied per 100 pair cable terminated. This charge is designed to recover the labor and material cost of the main distribution frame 100 pair circuit block.

(S) Adjacent Facility Termination DS1 Cable

The Facility Termination (DS1) charge is applied per 28 pair DS1 cable terminated. This charge is designed to recover the labor and material cost of the DSX <u>facility termination panel</u>.



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- BY: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)

17.15.2 Monthly Charges

(T) Adjacent Facility Termination DS3 Cable

The Facility Termination (DS3) charge is applied per DS3 cable terminated. This charge recovers the labor and material cost of the DSX facility termination panel.

(U) Adjacent Cable Vault Space

The Adjacent Cable Vault Space charge covers the cost of the space the CLEC's cable occupies within the cable vault. The charge is based on the diameter of the cable or subduct.

(V) Adjacent Cable Rack Space

This charge covers the space utilization cost that the CLEC's fiber, metallic or coaxial cable occupies within the cable rack system. The charge is based on the linear feet occupied.

(W) Microwave Rooftop Space

Microwave Rooftop Space is the cost per square foot to provide rooftop space to the CLEC for microwave antennae and other exterior facilities. The cost includes only that which relates directly to the land and building space itself.

(X) <u>Virtual Equipment Maintenance</u>

The Virtual Equipment Maintenance charge is applied on a per quarter rack (or quarter bay) basis and recovers the cost incurred by the Company for maintenance of the CLEC's virtual collocation equipment. This charge would apply to the maintenance of equipment including, but not limited to: ATM, DSLAM, Frame Relay, Routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the maintenance of splitters.



(N)

(N)

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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.3 Zone Specification

The table below specifies each exchange as either Zone 1, Zone 2, or Zone 3.

Exchange	Zone 1	Zone 2	Zone 3	
Albany		Х		-
Ashland Ky	Х			1
Berea	X			1
Bradfordsville			Х	-
Bryantsville		Х		=
Burkesville			Х	-
Burnside		Х		-
Campbellsville	Х			-
Catlettsburg		Х		-
Cecilia	+	X		-
Columbia	Х			-
lizabethtown	X			-
Ewing		Х		-
Flemingsburg		X		-
Barrison		X		-
Glasgow	Х			-
Grayson	X			-
Greensburg			Х	-
Greenup	+	Х	~	-
lazard		X		-
lillsboro		~	Х	-
odgenville		Х	~	-
lustonville	+	~	Х	-
ancaster		Х	~	-
eatherwood	+	~	Х	-
ebanon	Х		~	-
eitchfield	X			-
exington East	X			-
exington Elkhorn	X			-
exington Lakeside	X			-
exington Main	X			-
exington North	X			-
exington South	X			-
_exington Southeast	X			
Liberty		Х		
oretto	Х	~		PUBLIC SERVICE
Veads		Х		OF KENTL
Vidway	+	X		EFFECTI
Vonticello	Х	^	 	5/12/200
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Executive Director

By

ISSUED: April 27, 2007 BY: Vice President Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.15 Description and Application of Rate Elements (Continued)
- 17.15.3 Zone Specification (Continued)

Exchange	Zone 1	Zone 2	Zone 3
Morehead		Х	
Nancy			Х
Nicholasville	Х		
Olive Hill	Х		
Owingsville			Х
Paint Lick			Х
Russell	Х		
Salt Lick			Х
Scottsville		Х	
Sharpsburg			Х
Somerset	Х		
South Hardin		Х	
South Shore		Х	
Tollesboro		Х	
Tompkinsville		Х	
Vanceburg			Х
Versailles	Х		
Vicco		Х	
Wilmore	Х		
Bee Springs			Х
East Bernstradt		Х	
Lewisburg		Х	
Mayslick			Х

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(N)

(N)



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- ISSUED: July 17, 2006 BY: Vice President Lexington, Kentucky
- 17. COLLOCATION SERVICE (Continued)
- 17.16 Rates and Charges

17 1/ 1		NRC	Monthly <u>Charge</u>
17.16.1	Engineering/Major Augment Fee, Per Occurrence Caged or Cageless	\$ 1,129.00	
	Virtual	717.21	
	Microwave Augment	1,295.90	
17.16.2	Minor Augment Fee, Per Occurrence	200.00	
17.16.3	Access Card Administration, Per Card	21.00	
17.16.4	Cage Enclosure		
	25-100 Sq.Ft. Cage	5,142.00	
	101-200 Sq.Ft. Cage	5,916.00	
	201-300 Sq.Ft. Cage	7,307.00	
	301-400 Sq.Ft. Cage	8,699.00	
	401-500 Sq.Ft. Cage	10,090.00	
17.16.5	Cage Enclosure Augment		
	Per Sq.Ft. Fencing	14.00	
17.16.6	BITS Timing,		
	Per Project	307.00	
	Per Month		\$13.00
17.16.7	Overhead Superstructure, Per Project	2,497.00	
17.16.8	Facility Pull/Engineering,		
	Per Project	79.00	
17.16.9	Facility Pull, Per Cable Run		
	Metallic	225.00	
	Fiber Optic Patchcord	210.90	



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Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.16 <u>Rates and Charges</u> (Continued)

			MONTHLY	
		<u>NRC</u> _ <u>CHARGE</u>		
17.16.10	Cable Termination			
	DSO Cable, per 100 pair cable terminated	\$ 5.00		
	DS1 Cable, per 28 pair cable terminated	2.00		
	DS3 Coaxial Cable (Preconnectorized) per cable terminated DS3 Coaxial Cable (Unconnectorized)	2.00		
	per cable terminated	12.00		
	Fiber Optic Patchcord Per termination	1.14		
17.16.11	Fiber Cable Pull-Engineering Per Project	607.00		
17.16.12	Fiber Cable Pull-Place Innerduct Per Linear Foot	2.00		
17.16.13	Fiber Cable Pull-Labor Per Linear Foot	2.00		
17.16.14	Fiber Cable Pull-Cable Fire Retardant Per Occurrence	45.00		
17.16.15	Fiber Splice-Engineering Per Project	31.00		
17.16.16	Fiber Cable Splice Per Fiber	62.00		
17.16.17	DC Power,			(C)
	Per Project Zone 1 - Per 40 Amps per Month Zone 2 - Per 5 Amps per Month Zone 3 – Per 5 Amps per Month	2,905.00 	\$643.00 \$ 80.50 \$ 80.50	(C) (N) (N)



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- 17. COLLOCATION SERVICE (Continued)
- 17.16 Rates and Charges (Continued)

		NRC	MONTHLY _ <u>CHARGE_</u>
17.16.18	Cable Material Charge Facility Cable, Per Cable Run DSO Cable (Connectorized)		
	100 Pair	\$327.00	
	DS1 Cable (Connectorized)	303.00	
	DS3 Coaxial Cable	82.00	
	Shielded Cable (Orange Jacket)	34.00	
	Fiber Optic Patchcord-24 Fiber (Connectorized) Facility Cable, Per Linear Foot	810.30	
	Category 5 (Connectorized) Power Cable, Per Cable Run	1.07	
	Wire Power 1/0	92.00	
	Wire Power 2/0	134.00	
	Wire Power 3/0	148.00	
	Wire Power 4/0	182.00	
	Wire Power 350 MCM	309.00	
	Wire Power 500 MCM	432.00	
	Wire Power 750 MCM	664.00	
17.16.19	Caged Floor Space, Per Square Foot, Per Month		\$5.00
17.16.20	Relay Rack Floor Space, Per Linear Foot, Per Month		19.00
17.16.21	Cabinet Floor Space, Per Linear Foot, Per Month		25.00
17.16.22	Cable Subduct Space-Manhole Per Project, Per Month		10.00



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- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.16 <u>Rates and Charges</u> (Continued)

		NRC	MONTHLY
		CHARGE	
17.16.23	Cable Subduct Space Per Linear Foot, Per Month		\$.06
17.16.24	Fiber Cable Vault Splice-48 Fiber Material, Per Splice, Per Month		11.00
17.16.25	Fiber Cable Vault Splice-48 Fiber Per Subduct, Per Month		2.00
17.16.26	Fiber Cable Vault Splice-96 Fiber Material, Per Splice, Per Month		31.00
17.16.27	Fiber Cable Vault Splice-96 Fiber Per Subduct, Per Month		2.00
17.16.28	Cable Rack Space-Metallic Per Cable Run, Per Month		3.00
17.16.29 .51	Cable Rack Space-Fiber Fiber Entrance Facility Cable, Per Innerduct Foot, Per Month Fiber Optic Patchcord to Fiber Distribution Frame, Per Cable		.02
17.16.30	Facility Termination DSO, Per 100 Pair, Per Month DS1, Per 28 Pair, Per Month DS3, Per DS3, Per Month Fiber Optic Patchcord, Per Connector, Per Month	 	5.00 18.00 13.00 .87
17.16.31	Building Modification Per Project		220.00
17.16.32	Environmental Conditioning Zone 1 - Per 40 Amps per Month Zone 2 - Per 5 Amps per Month Zone 3 - Per 5 Amps per Month		104.00 (C) 13.00 (N) 13.00 (N)

17.16.33 Adjacent Engineering Fee On-Site, Per Occurrence

\$958.00



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17.	COLLOCATION SERVICE (Continued)		
17.16	Rates and Charges (Continued)		
		NRC	MONTHLY _ <u>CHARGE_</u>
17.16.34	Adjacent Fiber Cable Pull- Engineering, Per Project	\$607.00	
17.16.35	Adjacent Fiber Cable Pull-Place Innerduct, Per Linear Foot	2.00	
17.16.36	Adjacent Fiber Cable Pull Per Linear Foot	2.00	
17.16.37	Adjacent Cable Fire Retardant Per Occurrence	45.00	
17.16.38	Adjacent Metallic Cable Pull- Engineering, Per Project	607.00	
17.16.39	Adjacent Metallic Cable Pull Per Linear Foot	2.00	
17.16.40	Adjacent Metallic Cable Splice Engineering, Per Project Greater than 200 Pair,	31.00	
	Per DSO/DS1 Pair 200 Pair or Less, Per DSO/DS1 Pair	2.00 2.00	
17.16.41	Adjacent Fiber Cable Splice Engineering, Per Fiber 48 Fiber or Less, Per Fiber Greater than 48 Fiber, Per Fiber	31.00 62.00 51.00	
17.16.42	Adjacent Facility Pull-Engineering Per Project	79.00	



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17.	COLLOCATION SERVICE (Continued)		
17.16	Rates and Charges (Continued)		
		NRC	MONTHLY _ <u>CHARGE_</u>
17.16.43	Adjacent Facility Pull Per Linear Foot	\$ 2.00	
17.16.44	Adjacent Cable Termination DSO Cable (Connectorized) Per 100 Pair DSO Cable (Unconnectorized)	5.00	
	Per 100 Pair DS1 Cable (Connectorized)	45.00	
	Per 28 Pair DS1 Cable (Unconnectorized)	2.00	
	Per 28 Pair DS3 Coaxial Cable (Preconnectorized)	34.00	
	Per DS3 DS3 Cable (Unconnectorized)	2.00	
	Per DS3 Fiber Cable, Per Fiber Termination	12.00 62.00	
17.16.45	Adjacent Subduct Space Manhole, Per Project Per Linear Foot		\$10.00 0.06
17.16.46	Adjacent Conduit Space (4" Duct) Manhole, Metallic, Per Conduit Metallic, Per Linear Foot		17.00 0.06
17.16.47	Adjacent Facility Termination-Material DSO Cable, Per 100 Pair DS1 Cable, Per 28 Pair DS3 Cable, Per Coaxial	 	5.00 18.00 13.00



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Lexington, Kentucky

- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.16 <u>Rates and Charges</u> (Continued)

		_NRC	Monthly _ <u>Charge</u> _
17.16.48	Adjacent Cable Vault Space		
	Per 1200 Pair, Material, Per Splice		\$556.00
	Per 1200 Pair, Per Cable		4.00
	Per 900 Pair, Material, Per Splice		407.00
	Per 900 Pair, Per Cable		4.00
	Per 600 Pair, Material, Per Splice		271.00
	Per 600 Pair, Per Cable		3.00
	Per 100 Pair, Material, Per Splice		56.00
	Per 100 Pair, Per Cable		1.00
	Per 48 Fiber, Material, Per Splice		11.00
	Per 48 Fiber, Per Subduct		2.00
	Per 96 Fiber, Material, Per Splice		31.00
	Per 96 Fiber, Per Subduct		2.00
17.16.49	Adjacent Cable Rack Space Metallic DSO, Per Linear Foot Metallic DS1, Per Linear Foot Fiber, Per Innerduct Foot Coaxial, Per Linear Foot	 	0.02 0.01 0.02 0.01
17.16.50	Collocation Space Report-Per Wire Center or Access Tandem Requested	\$1,218.00	
17.16.51	Labor Rates, Per Technician Basic Business Day		
	1st Half Hour	40.10	
	Each Additional Half Hour	20.05	
	Overtime Non-Business Day		
	1st Half Hour	100.00	
	Each Additional Half Hour	75.00	
	Premium Non-Business Day		
	1st Half Hour	150.00	
	Each Additional Half Hour	125.00	



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- r: Vice President Lexington, Kentucky
- 17. <u>COLLOCATION SERVICE</u> (Continued)
- 17.16 <u>Rates and Charges</u> (Continued)

		NRC	MONTHLY _ <u>CHARGE_</u>
17.16.52	Facility Pull (Microwave Only), Per Linear Foot	\$1.14	
17.16.53	Microwave Rooftop Space Per Square Foot, Per Month		\$3.54
17.16.54	Building Penetration for Microwave Cable, Per Occurrence	ICB	
17.16.55	Special Work for Microwave, Per Occurrence	ICB	
17.16.56	Virtual Equipment Installation, Per Quarter Rack	3,367.99	
17.16.57	Virtual Software Upgrade, Per Base Unit	97.45	
17.16.58	Virtual Card Installation, Per Card	214.83	
17.16.59	Virtual Equipment Maintenance, Per Quarter Rack		64.13
17.16.60	Cage Ground Bar	1,447.82	
17.16.61	Dedicated Transit Service (DTS) DS0 Service Order, Semi-Mechanized, per order Service Order, Manual, per order Service Order CO Wiring, per jumper Service Connection Provisioning, per order	31.01 48.75 6.16 56.67	
	DS1, DS3, Dark Fiber Service Order, Semi-Mechanized, per order Service Order, Manual, per order Service Order CO Wiring, per jumper Service Connection Provisioning, per order	31.01 48.75 14.90 128.37	

