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COMMISSION

--Via Federal Express --

July 16, 2012

Mr. Jeff Derouen
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

01140

RE: New CLEC Interconnection Agreement between Windstream Kentucky East, LLC and Speedbeam Lexington, LLC

Dear Mr. Derouen,

Attached for filing with the Kentucky Public Service Commission are one (1) original, one (1) copy, and an electronic version in CD format of the new CLEC Interconnection Agreement between Windstream Kentucky East, LLC and Speedbeam Lexington, LLC.

Please call me at 501-748-6555 if you have any questions regarding this filing.

Sincerely,

A handwritten signature in cursive script that reads "Traci Brunner".

Traci Brunner

Enclosures

cc: J.P. Harris – Speedbeam Lexington, LLC

INTERCONNECTION AGREEMENT

BETWEEN

WINDSTREAM KENTUCKY EAST, LLC

&

SPEEDBEAM LEXINGTON, LLC

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GENERAL TERMS AND CONDITIONS

This Agreement ("Agreement") is between Speedbeam Lexington, LLC ("Speedbeam") a Kentucky Limited Liability Company, having an office at 2331 Fortune Drive, Lexington, Kentucky 40509 and Windstream Kentucky East, LLC ("Windstream") having an office at 4001 Rodney Parham Road, Little Rock, Arkansas, 72212, hereinafter referred to collectively as the "Parties".

WHEREAS, pursuant to the Telecommunications Act of 1996 (the "Act"), the Parties wish to establish terms for the provision of certain services and Ancillary Functions as designated in the Attachments hereto for the purpose of determining the rates, terms, and conditions for the interconnection of the Parties' Telecommunications networks within the Commonwealth of Kentucky.

NOW, THEREFORE, in consideration of the premises and the mutual covenants of this Agreement, the Parties hereby agree as follows:

1.0 Introduction

- 1.1 This Agreement, in accordance with §§251 and 252 of the Act, sets forth the terms, conditions and prices under which Windstream may provide (a) services for interconnection, and (b) Ancillary Functions to Speedbeam. The specific services, functions, or facilities that Windstream agrees to provide are those specifically identified in appendixes attached to this Agreement, and executed simultaneously with this general terms and conditions. Further this Agreement sets forth the terms, conditions, and prices under which Speedbeam will provide services to Windstream, where applicable.
- 1.2 This Agreement includes and incorporates herein the Attachments of this Agreement, and all accompanying Appendices, Addenda and Exhibits.
- 1.3 The Parties acknowledge and agree that by entering into and performing in accordance with this Agreement, the Parties have not waived or relinquished any applicable exemptions that are provided by or available under the Act, including but not limited to those described in §251(f) of the Act, or under state law.
- 1.4 Prior to execution of this Agreement, Speedbeam agrees to provide Windstream in writing Speedbeam's CLEC certification for the state covered by this Agreement prior to the filing of this Agreement with the appropriate Commission for approval.

2.0 Effective Date

- 2.1 The effective date of this Agreement will be the first business day following receipt of final approval of this Agreement by the relevant state Commission or, where approval by such state Commission is not required, the date that both Parties have executed the Agreement.

3.0 Intervening Law

- 3.1 In the event that any effective legislative, regulatory, judicial or other legal action materially changes any rule, law or judicial or administrative decision that was the basis of the requirement, obligation or right upon which any provision of this Agreement was negotiated, or materially impairs the ability of Windstream or Speedbeam to perform any material terms of this Agreement, Speedbeam or Windstream may, on thirty (30) days' written notice require that such terms be renegotiated, and the Parties shall renegotiate in good faith such mutually acceptable new terms as may be required. In the

event that such new terms are not renegotiated within ninety (90) days after such notice, the Dispute shall be referred to the Dispute Resolution procedure set forth in Section 9.0.

4.0 Term of Agreement

- 4.1 The Parties agree to the provisions of this Agreement for an initial term of two (2) years from the Effective Date of this Agreement, and thereafter on a month to month basis, unless terminated or modified pursuant to the terms and conditions of this Agreement.
- 4.2 Either Party may request for this Agreement to be renegotiated upon the expiration of the initial two (2) year term or upon any termination of this Agreement. The Party desiring renegotiation shall provide written notice to the other Party. Not later than thirty (30) days from receipt of said notice, the receiving Party will acknowledge receipt of the written notice and the Parties will commence negotiation, which shall be conducted in good faith, except in cases in which this Agreement has been terminated for Default pursuant to Section 4.6 or has been terminated for any reason not prohibited by law pursuant to Section 4.5.
- 4.3 If, within one hundred and thirty-five (135) days of commencing the negotiation referred to in Section 4.2 above, the Parties are unable to negotiate new terms, conditions and prices for a Subsequent Agreement, either Party may petition the applicable state Commission to establish appropriate terms, conditions and prices for the Subsequent Agreement pursuant to 47 U.S.C. 252. Should the Commission decline jurisdiction, either Party may petition the FCC under the Act or resort to a commercial provider of arbitration services.
- 4.4 If either Party has requested negotiations, and the Parties have not executed a subsequent agreement or filed arbitration at the applicable state commission, then this Agreement will terminate upon the date the arbitration window closes (the 160th day). Speedbeam will execute Windstream's then current standard interconnection agreement with an effective date of the next day following the close of the arbitration window. Failure by Speedbeam to execute Windstream's then current standard interconnection agreement will result in termination of all services provided by Windstream to Speedbeam.
- 4.5 After completion of the initial two (2) year term, this Agreement may be terminated by either Party for any reason not prohibited by law upon sixty (60) days written notice to the other Party. By mutual Agreement, the Parties may amend this Agreement in writing to modify its terms.
- 4.6 In the event of Default or Abandonment, as defined in this §4.6, the non-defaulting Party may terminate this Agreement provided that the non-defaulting Party so advises the defaulting Party in writing ("Default Notice") of the event of the alleged Default and the defaulting Party does not cure the alleged Default with sixty (60) after receipt of the Default Notice thereof. Default is defined as:
 - 4.6.1 Either Party's insolvency or initiation of bankruptcy or receivership proceedings by or against the Party; or
 - 4.6.2 A decision under §9.0, Dispute Resolution that a Party has materially breached any of the terms or conditions hereof, or
 - 4.6.3 A Party has notified the other Party in writing of the other Party's material breach of any of the material terms hereof, and the default remains uncured for sixty (60) days from receipt of such notice, provided, however, that if the alleged material breach involves a material interruption to, or a material degradation of, the E911 services provided under this Agreement, the cure period shall be five (5) days from receipt of such notice.
 - 4.6.4 Illegal use or taking of facilities is considered a material breach of this Agreement and termination of the Agreement will occur.

In addition, this Agreement shall be null and void if Speedbeam has not placed an order for a service or facility or terminated traffic hereunder by one (1) year following Effective Date. If Speedbeam has not placed an order for a service, a facility, or terminated traffic within one (1) year, Windstream shall provide Speedbeam with notice of Windstream's intent to terminate the Agreement. Speedbeam shall have thirty (30) calendar days to indicate in writing to Windstream that Speedbeam intends to place orders or terminate traffic within thirty (30) calendar days. If Speedbeam cannot meet this timeframe for placing orders or terminating traffic, the Agreement will be terminated. If Speedbeam does not intend to place orders or terminate traffic, this Agreement shall be deemed suspended and Windstream shall apply to the Commission to terminate the Agreement.

5.0 Assignment

- 5.1 Any assignment by either Party to any non-affiliated entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. A Party may assign this Agreement in its entirety to an Affiliate of the Party without the consent of the other Party; provided, however, that the assigning Party shall notify the other Party in writing of such assignment thirty (30) days prior to the Effective Date thereof and, provided further, if the assignee is an assignee of Speedbeam, the assignee must provide evidence of Commission CLEC certification. The Parties shall amend this Agreement to reflect such assignments and shall work cooperatively to implement any changes required due to such assignment. All obligations and duties of any Party under this Agreement shall be binding on all successors in interest and assigns of such Party. No assignment or delegation hereof shall relieve the assignor of its obligations under this Agreement in the event that the assignee fails to perform such obligations. Notwithstanding anything to the contrary in this Section, Speedbeam shall not assign this Agreement to any Affiliate or non-affiliated entity unless either (1) Speedbeam pays all bills, past due and current, under this Agreement, or (2) Speedbeam's assignee expressly assumes liability for payment of such bills.
- 5.2 As a minimum condition of any assignment or transfer of this Agreement (or any rights hereunder) that is permitted under or consented to by Windstream pursuant to this Section 5, Speedbeam agrees that any change, modification or other activity required for Windstream to accommodate or recognize the successor to or assignee of Speedbeam shall be a CLEC Change. Windstream shall have no obligation to proceed with such activities nor shall any otherwise acceptable assignment or transfer be effective against Windstream until the Parties agree upon the charges that apply to such CLEC Change.
- 5.3 In the event that Speedbeam makes any corporate name change (whether it involves a merger, consolidation, assignment or transfer, and including addition or deletion of a d/b/a), change in OCN/AECN, or makes or accepts a transfer or assignment of interconnection trunks or facilities (including leased facilities), or a change in any other CLEC identifier (collectively, a "CLEC Change"), Speedbeam shall submit written notice to Windstream within thirty (30) days of the first action taken to implement such CLEC Change. Within thirty (30) days following receipt of that notice, the Parties shall negotiate rates to compensate Windstream for the expenses to be incurred by Windstream to make the CLEC Change to the applicable Windstream databases, systems, records and/or recording announcement(s) for Speedbeam branded/repair calls. In addition, Speedbeam shall compensate Windstream for any service order charges and/or service request charges, as specified in Appendix B, associated with such CLEC Change. Windstream's Agreement to implement a CLEC Change is conditioned upon Speedbeam's Agreement to pay all reasonable charges billed to Speedbeam for such CLEC Change.

6.0 Confidential and Proprietary Information

- 6.1 For the purposes of this Agreement, confidential information means confidential or proprietary technical, Customer, End User, network, or business information disclosed by one Party (the "Discloser") to the other Party (the "Recipient"), which is disclosed by one Party to the other in connection with this Agreement, during negotiations or the term of this Agreement ("Confidential Information"). Such Confidential Information shall automatically be deemed proprietary to the Discloser and subject to this §6.0, unless otherwise confirmed in writing by the Discloser. All other information which is indicated and marked, as Confidential Information at the time of disclosure shall also be treated as Confidential Information under §6.0 of this Agreement. The Recipient agrees (i) to use Confidential Information only for the purpose of performing under this Agreement, (ii) to hold it in confidence and disclose it to no one other than its employees or agents having a need to know for the purpose of performing under this Agreement, and (iii) to safeguard it from unauthorized use or disclosure using at least the same degree of care with which the Recipient safeguards its own Confidential Information. If the Recipient wishes to disclose the Discloser's Confidential Information to a third-party agent or consultant, such disclosure must be agreed to in writing by the Discloser, and the agent or consultant must have executed a written Agreement of nondisclosure and nonuse comparable to the terms of this Section.
- 6.2 The Recipient may make copies of Confidential Information only as reasonably necessary to perform its obligations under this Agreement. All such copies will be subject to the same restrictions and protections as the original and will bear the same copyright and proprietary rights notices as are contained on the original.
- 6.3 The Recipient agrees to return all Confidential Information to the Discloser in tangible form received from the Discloser, including any copies made by the Recipient within thirty (30) days after a written request is delivered to the Recipient, or to destroy all such Confidential Information if directed to do so by Discloser except for Confidential Information that the Recipient reasonably requires to perform its obligations under this Agreement. If either Party loses or makes an unauthorized disclosure of the other Party's Confidential Information, it will notify such other Party immediately and use reasonable efforts to retrieve the lost or wrongfully disclosed information.
- 6.4 The Recipient will have no obligation to safeguard Confidential Information: (i) which was in the possession of the Recipient free of restriction prior to its receipt from the Discloser; (ii) after it becomes publicly known or available through no breach of this Agreement by the Recipient, (iii) after it is rightfully acquired by the Recipient free of restrictions on its disclosure, or (iv) after it is independently developed by personnel of the Recipient to whom the Discloser's Confidential Information had not been previously disclosed. In addition, either Party will have the right to disclose Confidential Information to any state or federal regulatory body, or a court in the conduct of approval of this Agreement, as long as, in the absence of an applicable protective order, the Discloser has been previously notified by the Recipient in time sufficient for the Recipient to undertake lawful measures to avoid disclosing such information and for Discloser to have reasonable time to seek or negotiate a protective order before or with any applicable state or regulatory body or a court.
- 6.5 The Parties recognize that an individual End User may simultaneously seek to become or be a Customer of both Parties. Nothing in this Agreement is intended to limit the ability of either Party to use Customer specific information lawfully obtained from End Users or sources other than the Discloser, subject to applicable rules governing use of Customer Propriety Network Information (CPNI).
- 6.6 Each Party's obligations to safeguard Confidential Information disclosed prior to expiration or termination of this Agreement will survive such expiration or termination.
- 6.7 Except as otherwise expressly provided elsewhere in this Agreement, no license is hereby granted with respect to any patent, trademark, or copyright, nor is any such license implied solely by virtue of the disclosure of any Confidential Information.

- 6.8 Each Party agrees that the Discloser may be irreparably injured by a disclosure in breach of this Agreement by the Recipient or its representatives and the Discloser will be entitled to seek equitable relief, including injunctive relief and specific performance, in the event of any breach or threatened breach of the confidentiality provisions of this Agreement. Such remedies will not be deemed to be the exclusive remedies for a breach of this Agreement, but will be in addition to all other remedies available at law or in equity.

7.0 Liability and Indemnification

7.1 Limitation of Liabilities

With respect to any claim or suit for damages arising out of mistakes, omissions, defects in transmission, interruptions, failures, delays or errors occurring in the course of furnishing any service hereunder, the liability of the Party furnishing the affected service, if any, shall not exceed a credit for the actual cost of the services or functions not performed or improperly performed for the period of that particular service during which such mistakes, omissions, defects in transmission, interruptions, failures, delays or errors occurs and continues; provided, however, that any such mistakes, omissions, defects in transmission, interruptions, failures, delays, or errors which are caused by the gross negligence or willful, wrongful act or omission of the complaining Party or which arise from the use of the complaining Party's facilities or equipment shall not result in the imposition of any liability whatsoever upon the other Party furnishing service.

7.2 No Consequential Damages

EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT, NEITHER PARTY WILL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES SUFFERED BY SUCH OTHER PARTY (INCLUDING WITHOUT LIMITATION DAMAGES FOR HARM TO BUSINESS, LOST REVENUES, LOST SAVINGS, OR LOST PROFITS SUFFERED BY SUCH OTHER PARTY), REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, WARRANTY, STRICT LIABILITY, OR TORT, INCLUDING WITHOUT LIMITATION NEGLIGENCE OF ANY KIND WHETHER ACTIVE OR PASSIVE, AND REGARDLESS OF WHETHER THE PARTIES KNEW OF THE POSSIBILITY THAT SUCH DAMAGES COULD RESULT. EACH PARTY HEREBY RELEASES THE OTHER PARTY (AND SUCH OTHER PARTY'S SUBSIDIARIES AND AFFILIATES, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS) FROM ANY SUCH CLAIM. NOTHING CONTAINED IN THIS SECTION WILL LIMIT EITHER PARTY'S LIABILITY TO THE OTHER PARTY FOR (i) WILLFUL OR INTENTIONAL MISCONDUCT (INCLUDING GROSS NEGLIGENCE) OR (ii) BODILY INJURY, DEATH, OR DAMAGE TO TANGIBLE REAL OR TANGIBLE PERSONAL PROPERTY.

7.3 Obligation to Indemnify

- 7.3.1 Each Party shall be indemnified and held harmless by the other Party against claims, losses, suits, demands, damages, costs, expenses, including reasonable attorneys' fees ("Claims"), asserted, suffered, or made by third parties arising from (i) any act or omission of the indemnifying Party in connection with its performance or non-performance under his Agreement; and (ii) provision of the indemnifying Party's services or equipment, including but not limited to claims arising from the provision of the indemnifying Party's services to its End Users (e.g., claims for interruption of service, quality of service or billing disputes) unless such act or omission was caused by the negligence or willful misconduct of the indemnified Party. Each Party shall also be indemnified and held harmless by the other Party against claims and damages of persons

for services furnished by the indemnifying Party or by any of its subcontractors, under worker's compensation laws or similar statutes.

- 7.3.2 Each Party, as an Indemnifying Party agrees to release, defend, indemnify, and hold harmless the other Party from any claims, demands or suits that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly or indirectly, by the Indemnifying Party's employees and equipment associated with the provision of any service herein. This provision includes but is not limited to suits arising from unauthorized disclosure of the End User's name, address or telephone number.
- 7.3.3 Windstream makes no warranties, express or implied, concerning Speedbeam's (or any third party's) rights with respect to intellectual property (including without limitation, patent, copyright and trade secret rights) or contract rights associated with Speedbeam's interconnection with Windstream's network use or receipt of Windstream services.
- 7.3.4 When the lines or services of other companies and carriers are used in establishing connections to and/or from points not reached by a Party's lines, neither Party shall be liable for any act or omission of the other companies or carriers.

7.4 Obligation to Defend; Notice; Cooperation

Whenever a claim arises for indemnification under this Section (the "Claim"), the relevant Indemnitee, as appropriate, will promptly notify the Indemnifying Party and request the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party will not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such Claim. The Indemnifying Party will have the right to defend against such Claim in which event the Indemnifying Party will give written notice to the Indemnitee of acceptance of the defense of such Claim and the identity of counsel selected by the Indemnifying Party. Except as set forth below, such notice to the relevant Indemnitee will give the Indemnifying Party full authority to defend, adjust, compromise, or settle such Claim with respect to which such notice has been given, except to the extent that any compromise or settlement might prejudice the Intellectual Property Rights of the relevant Indemnities. The Indemnifying Party will consult with the relevant Indemnitee prior to any compromise or settlement that would affect the Intellectual Property Rights or other rights of any Indemnitee, and the relevant Indemnitee will have the right to refuse such compromise or settlement and, at such Indemnitee's sole cost, to take over such defense of such Claim. Provided, however, that in such event the Indemnifying Party will not be responsible for, nor will it be obligated to indemnify the relevant Indemnitee against any damages, costs, expenses, or liabilities, including without limitation, attorneys' fees, in excess of such refused compromise or settlement. With respect to any defense accepted by the Indemnifying Party, the relevant Indemnitee will be entitled to participate with the Indemnifying Party in such defense if the Claim requests equitable relief or other relief that could affect the rights of the Indemnitee and also will be entitled to employ separate counsel for such defense at such Indemnitee's expense. In the event the Indemnifying Party does not accept the defense of any indemnified Claim as provided above, the relevant Indemnitee will have the right to employ counsel for such defense at the expense of the Indemnifying Party, and the Indemnifying Party shall be liable for all costs associated with Indemnitee's defense of such Claim including court costs, and any settlement or damages awarded the third party. Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such Claim.

8.0 Payment of Rates and Late Payment Charges

- 8.1 Windstream, at its discretion may require Speedbeam to provide Windstream a security deposit to ensure payment of Speedbeam's account. The security deposit must be an amount equal to three (3) months anticipated charges (including, but not limited to, recurring, non-recurring, termination charges and advance payments), as reasonably determined by Windstream, for the interconnection, resale services, network elements, collocation or any other functions, facilities, products or services to be furnished by Windstream under this Agreement.
 - 8.1.1 Such security deposit shall be a cash deposit or other form of security acceptable to Windstream. Any such security deposit may be held during the continuance of the service as security for the payment of any and all amounts accruing for the service.
 - 8.1.2 If a security deposit is required, such security deposit shall be made prior to the activation of service.
 - 8.1.3 The fact that a security deposit has been provided in no way relieves Speedbeam from complying with Windstream's regulations as to advance payments and the prompt payment of bills on presentation nor does it constitute a waiver or modification of the regular practices of Windstream providing for the discontinuance of service for non-payment of any sums due Windstream.
 - 8.1.4 Windstream reserves the right to increase the security deposit requirements when, in its sole judgment, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the security deposit.
 - 8.1.5 In the event that Speedbeam is in breach of this Agreement, service to Speedbeam may be terminated by Windstream; any security deposits applied to its account and Windstream may pursue any other remedies available at law or equity.
 - 8.1.6 In the case of a cash deposit, interest at a rate as set forth in the appropriate Windstream tariff shall be paid to Speedbeam during the possession of the security deposit by Windstream. Interest on a security deposit shall accrue annually and, if requested, shall be annually credited to Speedbeam by the accrual date.
- 8.2 Windstream may, but is not obligated to, draw on the cash deposit, as applicable, upon the occurrence of any one of the following events.
 - 8.2.1 Speedbeam owes Windstream undisputed charges under this Agreement that are more than thirty (30) calendar days past due; or
 - 8.2.2 Speedbeam admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, wind-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or, is subject to a receivership or similar proceeding; or
 - 8.2.3 The expiration or termination of this Agreement.
- 8.3 If Windstream draws on the security deposit, upon request by Windstream, Speedbeam will provide a replacement deposit conforming to the requirements of Section 8.1.
- 8.4 Except as otherwise specifically provided elsewhere in this Agreement, the Parties will pay all rates and charges due and owing under this Agreement within thirty (30) days of the invoice date in immediately available funds. The Parties represent and covenant to each other that all invoices will be promptly processed and mailed in accordance with the Parties' regular procedures and billing systems.

- 8.4.1 If the payment due date falls on a Sunday or on a Holiday which is observed on a Monday, the payment due date shall be the first non-Holiday following such Sunday or Holiday. If the payment due date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-Holiday preceding such Saturday or Holiday. If payment is not received by the payment due date, a late penalty, as set forth in §8.5 below, will be assessed.
- 8.5 If the amount billed is received by the billing Party after the payment due date or if any portion of the payment is received by the billing Party in funds which are not immediately available to the billing Party, then a late payment charge will apply to the unpaid balance.
- 8.6 Except as otherwise specifically provided in this Agreement interest on overdue invoices will apply at the lesser of the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily and applied for each month or portion thereof that an outstanding balance remains, or shall not exceed 0.0004930% compounded daily and applied for each month or portion thereof that an outstanding balance remains.
- 8.7 Collection from End Users. Speedbeam may not deduct from the amounts it owes to Windstream on its Windstream invoice any amounts that it cannot collect from its end users, including any billing adjustments or credits that Speedbeam grants end users, and including any amounts that are uncollectible as a result of fraudulent usage or practices by end users.

9.0 Dispute Resolution

9.1 Notice of Disputes

Notice of a valid contractual dispute must be in writing, specifically documenting the nature of the dispute, and must include a detailed description of the underlying dispute (the "Dispute Notice"). A billing dispute must be submitted on the Billing Dispute Form contained in Appendix A or the dispute will not be accepted as a valid billing dispute and therefore rejected by the billing Party. The Billing Dispute Form must be completed with all fields populated by the disputing Party or the form will be rejected by the billing Party.

9.1.1 Billing Disputes

A billing dispute ("Billing Dispute") is limited to charges contained within one invoice and one invoice only. The disputing Party must submit a billing dispute to the billing Party on the Billing Dispute Form contained in Appendix A by the due date on the disputed bill. The disputing Party will not combine multiple invoices into one Billing Dispute without the prior written consent by the billing Party. The Billing Dispute Form must be complete, with all fields populated with the required information for the billable element in dispute. If the Billing Dispute Form is not complete with all information, the dispute will be rejected by the billing Party. After receipt of a completed dispute, the billing Party will review to determine the accuracy of the billing dispute. If the billing Party determines the dispute is valid, the billing Party will credit the disputing Party's bill by the next bill date. If the billing Party determines the billing dispute is not valid, the disputing Party may escalate the dispute as outlined in section 9.1.1.1. If escalation of the billing dispute does not occur within the thirty (30) calendar days as outlined below, the disputing Party must remit payment for the disputed charge, including late payment charges, to the billing Party by the next bill date and the billing dispute will be closed and resolved in favor of the billing Party.

- 9.1.1.1 Resolution of the billing dispute is expected to occur at the first level of management, resulting in a recommendation for settlement of the dispute and

closure of a specific billing period. If the billing dispute is not resolved within thirty (30) calendar days from receipt of the Billing Dispute Form, the following resolution procedure may be implemented at the request of the disputing Party:

9.1.1.1.1 If the billing dispute is not resolved within thirty (30) calendar days of receipt of the Billing Dispute Form, the billing dispute may be escalated by the disputing Party to the second level of management for each of the respective Parties for resolution. If the billing dispute is not resolved within sixty (60) calendar days of receipt of the Billing Dispute Form, the billing dispute may be escalated by the disputing Party to the third level of management for each of the respective Parties for resolution. If escalation by the disputing Party to the next level of management does not occur within sixty (60) calendar days of the receipt of the Billing Dispute Form, the disputing Party must remit payment for the disputed charge, including late payment charges, to the billing Party by the next bill date and the billing dispute will be closed and resolved in favor of the billing Party.

9.1.1.1.2 If the billing dispute is not resolved within ninety (90) calendar days of the receipt of the Billing Dispute Form, the billing dispute may be escalated by the disputing Party to the fourth level of management for each of the respective Parties for resolution. If escalation by the disputing Party to the next level of management does not occur within ninety (90) calendar days of the receipt of the Billing Dispute Form, the disputing Party must remit payment for the disputed charge, including late payment charges, to the billing Party by the next bill date and the billing dispute will be closed and resolved in favor of the billing Party.

9.1.1.1.3 Each Party will provide to the other Party an escalation list for resolving a billing dispute. The escalation list will contain the name, title, phone number, fax number and email address for each escalation point identified in this section 9.1.1.1. A Party's failure to pay all undisputed amounts by the due date listed on the bill is a material breach of this Agreement.

9.1.1.1.4 If the billing dispute is not resolved within one hundred twenty (120) days of receipt of the Billing Dispute Form the Formal Dispute Resolution process, outlined in section 9.4, may be invoked. To invoke Formal Dispute Resolution per section 9.4, for a billing dispute, the disputing Party must escalate the dispute through the fourth level escalation as defined in section 9.1.1.1 through 9.1.1.1.3. The Formal Dispute Resolution process must be invoked within thirty (30) days after the fourth level of escalation is completed. Failure of the disputing Party to invoke section 9.4 Formal Dispute Resolution, will result in the billing dispute being closed and resolved in favor of the billing Party.

9.1.1.2 If the disputing Party disputes a charge and does not pay such charge by the payment due date, such charges shall be subject to late payment charges as set forth in subsection 8.3 above. If the disputing Party disputes charges and the billing dispute is resolved in favor of the disputing Party, the billing Party shall credit the bill of the disputing Party for the amount of the disputed charges, along with any late payment charges assessed, by the next billing cycle after the resolution of the dispute. Accordingly, if the disputing Party disputes charges and the billing dispute is resolved in favor of the billing Party, the disputing Party shall pay the billing Party the amount of the disputed charges and any

associated late payment charges, by the next billing due date after the resolution of the dispute.

9.1.1.3 For purposes of this subsection 9.1.1, a billing dispute shall not include the refusal to pay other amounts owed to a Party pending resolution of the dispute. Claims by the disputing Party for damages of any kind will not be considered a Bona Fide Dispute for purposes of this subsection 9.1.1. Party's failure to pay all undisputed amounts by the due date listed on the bill, is a material breach of this agreement.

9.1.1.4 Once the billing dispute has been processed in accordance with this subsection 9.1.1, the disputing Party will make immediate payment on any of the disputed amount owed to the billing Party, or the billing Party shall have the right to pursue normal treatment procedures. Any credits due to the disputing Party resulting from the Dispute process will be applied to the disputing Party's account by the billing Party immediately upon resolution of the dispute.

9.1.1.5 Neither Party shall bill the other Party for charges incurred more than twelve (12) months after the service is provided to the non-billing Party, and neither Party shall receive credit for charges incorrectly billed to the other Party for more than twelve (12) months, or from the date of in-service of said billed services if the in-service date is less than twelve (12) months.

9.1.2 **All Other Disputes**

All other disputes (*i.e.*, contractual disputes) shall be valid only if reasonable within the scope of this Agreement, and within the most recent twelve (12) month period or from the date of in-service of said services if the in-service date is less than twelve (12) months.

9.2 **Alternative to Litigation**

9.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, except for action seeking a temporary restraining order, an injunction, or similar relief from the PUC related to the purposes of this Agreement, or suit to compel compliance with this Dispute Resolution process, the Parties agree to use the following Dispute Resolution procedure with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

9.2.2 Each Party agrees to promptly notify the other Party in writing of a dispute pursuant to §9.1 above and may in the Dispute Notice invoke the Informal Dispute Resolution process described in §9.3.

9.3 **Informal Resolution of Disputes**

In the case of any dispute and upon receipt of the Dispute Notice each Party will appoint a duly authorized representative knowledgeable in telecommunications matters, to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon Agreement, the representatives may, but are not obligated to, utilize other alternative dispute resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from discovery and production and will not be admissible in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications, which are not prepared for purposes of the negotiations, are not so exempted and, if otherwise admissible, may be admitted in evidence in the lawsuit. Unless otherwise provided herein, or upon the Parties' Agreement, either

Party may invoke Formal Dispute Resolution procedures or other procedures as appropriate, not earlier than one hundred twenty (120) days after the date of the Billing Dispute Notice, provided the Party invoking the formal dispute resolution process has in good faith negotiated, or attempted to negotiate, with the other Party.

9.4 Formal Dispute Resolution

- 9.4.1 The Parties agree that an unresolved Billing Dispute arising under this Agreement may be submitted to PUC for resolution in accordance with the PUC dispute resolution process only after the Parties have complied with section 9.1.1 above, and the outcome of such process will be binding on the Parties, subject to any right to appeal a decision reached by the PUC under applicable law. Furthermore, for All Other Disputes, subject to section 9.1.2 above, the Parties agree that All Other Disputes arising under this Agreement may be submitted to PUC for resolution in accordance with the PUC dispute resolution process and the outcome of such process will be binding on the Parties, subject to any right to appeal a decision reached by the PUC under applicable law.
- 9.4.2 If the PUC does not have or declines to accept jurisdiction over any dispute arising under this Agreement, either Party may proceed with any remedy available to it pursuant to law, equity or agency mechanisms
- 9.4.3 Each Party shall bear its own costs of these procedures unless the Kentucky Public Service Commission or other presiding authority, if any, rules otherwise. A Party seeking discovery shall reimburse the responding Party for the costs of production of documents (including search time and reproduction costs).

9.5 Conflicts

- 9.5.1 The Parties agree that the Dispute Resolution procedures set forth in this Agreement are not intended to conflict with applicable requirements of the Act or the state commission with regard to procedures for the resolution of disputes arising out of this Agreement and do not preclude a Party from seeking relief under applicable rules or procedures of the PUC.

10.0 INTENTIONALLY LEFT BLANK

11.0 Notices

- 11.1 Except as otherwise specifically provided in this Agreement, all notice, consents, approvals, modifications, or other communications to be given under this Agreement shall be in writing and sent postage prepaid by registered mail return receipt requested. Notice may also be affected by personal delivery or by overnight courier. All notices will be effective upon receipt, and should be directed to the following:

If to Speedbeam:

Speedbeam Lexington, LLC
Attn: J.P. Harris
2331 Fortune Drive
Lexington, KY 40509
Telephone: 888-578-7170
Fax: 859-554-0565
Email: jp@speedbeam.com

If to Windstream:

Windstream
Attn: Staff Manager – Interconnection Services
4001 Rodney Parham Road
Mailstop: 1170 B1F2-12A
Little Rock, Arkansas 72212

Copy to:

Windstream
Attn: Legal Department
4001 Rodney Parham Road
Mailstop: 1170 B1F3-53A
Little Rock, Arkansas 72212

- 11.2 Either Party may unilaterally change its designated representative and/or address, telephone contact number or facsimile number for the receipt of notices by giving seven (7) days' prior written notice to the other Party in compliance with this Section.

12.0 Taxes

- 12.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, transaction or similar taxes, fees or surcharges (hereinafter "Tax") levied against or upon such purchasing Party (or the providing Party when such providing Party is permitted to pass along to the purchasing Party such taxes, fees or surcharges), except for any tax on either Party's corporate existence, status or income. Whenever possible, these amounts shall be billed as a separate item on the invoice. Purchasing Party may be exempted from certain taxes if purchasing Party provides proper documentation, e.g., reseller certificate, from the appropriate taxing authority. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party until such time as the purchasing Party presents a valid certification.
- 12.2 With respect to any purchase of services, facilities or other arrangements, if any Tax is required or permitted by applicable law to be collected from the purchasing Party by the providing Party, then (i) the providing Party shall bill the purchasing Party for such Tax, (ii) the purchasing Party shall remit such Tax to the providing Party and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority, except as otherwise indicated below.
- 12.3 The Parties agree that each Party shall generally be responsible for collecting and remitting to the appropriate city, any franchise fees or taxes for use of city rights of way, in accordance with the terms of that Party's franchise Agreement. In the event a city attempts to require both Parties to pay franchise fees on the same revenues with respect to resold services or unbundled network elements then the Parties agree to cooperate in opposing such double taxation.
- 12.4 With respect to any purchase hereunder of services, facilities or arrangements that are resold to a third party, if any Tax is imposed by applicable law on the End User in connection with any such purchase, then (i) the purchasing Party shall be required to impose and/or collect such Tax from the End User and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party on an after-tax basis for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.
- 12.5 If the providing Party fails to collect any Tax as required herein, then, as between the providing Party and the purchasing Party, (i) the purchasing Party shall remain liable for such uncollected

Tax and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the taxes, penalty and interest.

- 12.6 If the purchasing Party fails to impose and/or collect any Tax from End Users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from End Users, the purchasing Party agrees to indemnify and hold harmless the providing Party on an after-tax basis for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.
- 12.7 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other Party under this §12.0, shall be made in writing and sent postage prepaid by registered mail return receipt requested. All notices shall be effective upon receipt. All notices sent pursuant to this Section shall be directed to the following:

To Windstream:

Windstream
Attn: Director State and Local Taxes
4001 Rodney Parham Road
Mailstop: 1170 B1F03-70A
Little Rock, AR 72212

Copy to:

Windstream
Attn: Staff Manager - Interconnection Services
4001 Rodney Parham Road
Mailstop: 1170 B1F2-12A
Little Rock, AR 72212

To Speedbeam:

Speedbeam Lexington, LLC
Attn: J.P. Harris
2331 Fortune Drive
Lexington, KY 40509
Telephone: 888-578-7170
Fax: 859-554-0565
Email: jp@speedbeam.com

- 12.8 Either Party may unilaterally change its designated representative and/or address, telephone contact number or facsimile number for the receipt of notices by giving seven (7) days' prior written notice to the other Party in compliance with this Section.

13.0 Force Majeure

- 13.1 Except as otherwise specifically provided in this Agreement, neither Party shall be liable for delays or failures in performance resulting from acts or occurrences beyond the reasonable control of such Party, regardless of whether such delays or failures in performance were foreseen or

foreseeable as of the date of this Agreement, including, without limitation: fire, explosion, power failure, acts of God, war, revolution, civil commotion, or acts of public enemies; epidemics, riots, insurrections, earthquakes, tornadoes, hurricanes, nuclear accidents, floods, or labor unrest, including, without limitation strikes, slowdowns, picketing or boycotts or delays caused by the other Party or by other service or equipment vendors; or any other similar circumstances beyond the Party's reasonable control. In such event, the Party affected shall, upon giving prompt notice to the other Party, be excused from such performance on a day-to-day basis to the extent of such interference (and the other Party shall likewise be excused from performance of its obligations on a day-for-day basis to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use its reasonable commercial efforts to avoid or remove the cause of nonperformance and both Parties shall proceed to perform with dispatch once the causes are removed or cease.

14.0 Publicity

- 14.1 The Parties agree not to use in any advertising or sales promotion, press releases or other publicity matters, any endorsements, direct or indirect quotes or pictures implying endorsement by the other Party or any of its employees without such Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all such publicity endorsement matters that mention or display the other's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied.
- 14.2 Neither Party will offer any services using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of the other Party or its affiliates without the other Party's written authorization.

15.0 Network Maintenance and Management

- 15.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, etc.) to achieve this desired reliability, subject to the confidentiality provisions herein.
- 15.2 Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center. A facsimile (FAX) number must also be provided to facilitate event notifications for planned mass calling events. Additionally, both Parties agree that they will work cooperatively to ensure that all such events will attempt to be conducted in such a manner as to avoid disruption or loss of service to other End Users.

15.2.1 24 Hour Network Management Contact:

For Windstream:

Contact Number: 330-650-7929

For Speedbeam:

Contact Number: 859-312-5529
Facsimile: 859-554-0565

- 15.3 Neither Party will use any service provided under this Agreement in a manner that impairs the quality of service to other carriers or to either Party's subscribers. Either Party will provide the other Party notice of said impairment at the earliest practicable time.

16.0 Law Enforcement and Civil Process

16.1 Intercept Devices

Local and federal law enforcement agencies periodically request information or assistance from local telephone service providers. When either Party receives a request associated with a Customer of the other Party, the receiving Party will refer such request to the appropriate Party, unless the request directs the receiving Party to attach a pen register, trap-and-trace or form of intercept on the Party's own facilities, in which case that Party will comply with any valid requirement, to the extent the receiving Party is able to do so; if such compliance requires the assistance of the other Party such assistance will be provided.

16.2 Subpoenas

If a Party receives a subpoena for information concerning an End User the Party knows to be an End User of the other Party, the receiving Party will refer the subpoena to the requesting entity with an indication that the other Party is the responsible company.

16.3 Law Enforcement Emergencies

If a Party receives a request from a law enforcement agency to implement at its switch a temporary number change, temporary disconnect, or one-way denial of outbound calls for an End User of the other Party, the receiving Party will comply so long as it is a valid emergency request. Neither Party will be held liable for any claims or damages arising from compliance with such requests, and the Party serving the End User agrees to indemnify and hold the other Party harmless against any and all such claims.

- 16.4 The Parties will provide five (5) day a week 8:00 a.m. to 5:00 p.m. installation and information retrieval pertaining to lawful, manual traps and information retrieval on Customer invoked CLASS services pertaining to non-emergency calls such as annoyance calls. The Parties will provide assistance twenty-four (24) hours per day for situations involving immediate threat of life or at the request of law enforcement officials. The Parties will provide a twenty-four (24) hour contact number to administer this process.

17.0 Changes in Subscriber Carrier Selection

- 17.1 Each Party will abide by applicable state or federal laws and regulations in obtaining End User authorization prior to changing End User's Local Service Provider to itself and in assuming responsibility for any applicable charges as specified in §258 (b) of the Telecommunications Act of 1996. Either Party shall make authorization available to the other Party upon reasonable requests and at no charge.
- 17.2 Either Party can initiate a challenge to a change in its local exchange service provider. If an End User notifies either Party that the End User requests local exchange service, the Party receiving such request shall be free to immediately provide service to such End User.
- 17.3 When an End User changes or withdraws authorization, each Party will release Customer specific facilities in accordance with the Customers' direction or the End User's authorized agent.

- 17.4 Subject to applicable rules, orders, and decisions, Windstream will provide Speedbeam with access to Customer Proprietary Network Information (“CPNI”) for Windstream End Users upon Speedbeam affirmation that Speedbeam has obtained a Letter of Agency (LOA) for Windstream’s Customer of record. . Speedbeam will provide such Letter of Authorization upon request from Windstream.
- 17.4.1 The Parties agree that they will conform to FCC and/or state regulations regarding the information provided on the LOA, provisioning of CPNI between the Parties, and regarding the use of that information by the requesting Party.
- 17.4.2 The requesting Party will document End User permission obtained to receive CPNI, whether or not the End User has agreed to change Local Service Providers. If the Parties do not agree that Speedbeam requested CPNI for a specific End User, or that Windstream has erred in not accepting proof of an LOA, the Parties may immediately request dispute resolution in accordance with General Terms & Conditions, Section 9.0, Dispute Resolution.
- 17.4.3 CPNI requests will be processed and responded to by each Party in parity. Speedbeam will provide the same CPNI to Windstream that Windstream provides Speedbeam.
- 17.5 Windstream will only accept an LOA for a Windstream Customer of record . Speedbeam may not delegate its obligation to obtain written authorization from Windstream’s Customer of record to a third party.

18.0 Amendments or Waivers

- 18.1 Except as otherwise provided in this Agreement, no amendment to this Agreement will be effective unless the same is in writing and signed by an authorized representative of each Party. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition. The Parties recognize that Windstream is a 2 % Rural Telephone Company and is entitled to all rights afforded 2% Rural Telephone Companies under the Act including, but not limited to, exemptions, suspensions, and modifications under 47 USC § 251(f). This Agreement does not affect, and Windstream does not waive, any rights including, but not limited to, the rights afforded Windstream under 47 USC § 251(f). The Parties enter into this Agreement without prejudice to any positions they have taken previously, or may take in the future in any legislative, regulatory, other public forum, contract negotiation, or bona fide request, including matters related to the types of arrangements prescribed by this Agreement.

19.0 Authority

- 19.1 Each person whose signature appears below represents and warrants that they have the authority to bind the Party on whose behalf they executed this Agreement.

20.0 Binding Effect

- 20.1 This Agreement will be binding on and inure to the benefit of the respective successors and permitted assigns of the Parties.

21.0 Consent

- 21.1 Where consent, approval, or mutual Agreement is required of a Party, it will not be unreasonably withheld or delayed.

22.0 Expenses

- 22.1 Except as specifically set out in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the subject of this Agreement.

23.0 Headings

- 23.1 The headings in this Agreement are inserted for convenience and identification only and will not be considered in the interpretation of this Agreement.

24.0 Relationship of Parties

- 24.1 This Agreement will not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture. Neither Party will have any authority to bind the other Party, nor to act as an agent for the other Party unless written authority, separate from this Agreement, is provided. Nothing in the Agreement will be construed as providing for the sharing of profits or losses arising out of the efforts of either or both of the Parties. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party.

25.0 Conflict of Interest

- 25.1 The Parties represent that no employee or agent of either Party has been or will be employed, retained, paid a fee, or otherwise received or will receive any personal compensation or consideration from the other Party, or any of the other Party's employees or agents in connection with the arranging or negotiation of this Agreement or associated documents.

26.0 Multiple Counterparts

- 26.1 This Agreement may be executed in multiple counterparts, each of which will be deemed an original but all of which will together constitute but one, and the same document. Each Party's execution may be provided to the other Party by mail, email, facsimile, overnight delivery or other method as agreed upon by the Parties.

27.0 Third Party Beneficiaries

- 27.1 Except as may be specifically set forth in this Agreement, this Agreement does not provide and will not be construed to provide third parties with any remedy, claim, liability, reimbursement, cause of action, or other privilege.

28.0 Regulatory Approval

- 28.1 Each Party agrees to cooperate with the other Party and with any regulatory agency to obtain regulatory approval. During the term of this Agreement, each Party agrees to continue to cooperate with the other Party and any regulatory agency so that the benefits of this Agreement may be achieved.
- 28.2 Upon execution of this Agreement, it shall be filed with the appropriate state regulatory agency pursuant to the requirements of §252 of the Act. If the state regulatory agency imposes any filing(s) or public interest notice(s) regarding the filing or approval of the Agreement, Speedbeam shall assume sole responsibility in making such filings or notices. All costs associated with the aforementioned filing(s) or notice(s) shall be borne by Speedbeam. Notwithstanding the foregoing, this Agreement shall not be submitted for approval by the appropriate state regulatory agency unless and until such time as Speedbeam is duly certified as a local exchange carrier in such state, except as otherwise required by a Commission.

29.0 Trademarks and Trade Names

- 29.1 Each Party warrants that, to the best of its knowledge, the services provided under this Agreement do not or will not violate or infringe upon any patent, copyright, trademark, or trade secret rights of any other persons.
- 29.2 Except as specifically set out in this Agreement, nothing in this Agreement will grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, or trade names of the other Party for any purpose whatsoever, absent written consent of the other Party.

30.0 Regulatory Authority

- 30.1 Each Party will be responsible for obtaining and keeping in effect all Federal Communications Commission, state regulatory commission, franchise authority and other regulatory approvals that may be required in connection with the performance of its obligations under this Agreement. Each Party will reasonably cooperate with the other Party in obtaining and maintaining any required approvals necessary for fulfilling its obligations under this Agreement.

31.0 Verification Reviews

- 31.1 Subject to each Party's reasonable security requirements and except as may be otherwise specifically provided in this Agreement, either Party may audit the other Party's relevant books, records and other documents pertaining to services provided under this Agreement once in each Contract Year solely for the purpose of evaluating the accuracy of the other Party's billing and invoicing. Such audit will take place at a time and place agreed on by the Parties no later than sixty (60) days after notice thereof.
- 31.2 The review will consist of an examination and verification of data involving records, systems, procedures and other information related to the services performed by either Party as related to settlement charges or payments made in connection with this Agreement as determined by either Party to be reasonably required. Each Party shall maintain reasonable records for a minimum of twelve (12) months and provide the other Party with reasonable access to such information as is necessary to determine amounts receivable or payable under this Agreement.
- 31.3 Adjustments, credits, or payments shall be made and any corrective action shall commence within thirty (30) days from the Requesting Party's receipt of the final audit report to compensate for any

errors or omissions which are disclosed by such audit and are agreed to by the Parties. Audit findings may be applied retroactively for no more than twelve (12) months from the date the audit began. Interest shall not exceed one and one-half (1 ½%) of the highest interest rate allowable by law for commercial transactions shall be assessed and shall be computed by compounding daily from the time of the overcharge, not to exceed twelve (12) months from the date the audit began to the day of payment or credit. Any disputes concerning audit results will be resolved pursuant to the Dispute Resolution procedures described in §9.0 of this Agreement.

- 31.4 Each Party will cooperate fully in any such audit, providing reasonable access to any and all appropriate employees and books, records and other documents reasonably necessary to assess the accuracy of the Party's bills.
- 31.5 Verification reviews will be limited in frequency to once per twelve (12) month period, with provision for staged reviews, as mutually agreed, so that all subject matters are not required to be reviewed at the same time. Verification reviews will be scheduled subject to the reasonable requirements and limitations of the audited Party and will be conducted in a manner that will not interfere with the audited Party's business operations.
- 31.6 The Party requesting a verification review shall fully bear its costs associated with conducting a review. The Party being reviewed will provide access to required information, as outlined in this Section, at no charge to the reviewing Party. Should the reviewing Party request information or assistance beyond that reasonably required to conduct such a review, the Party being reviewed may, at its option, decline to comply with such request or may bill actual costs incurred in complying subsequent to the concurrence of the reviewing Party.
- 31.7 For purposes of conducting an audit pursuant to this Agreement, the Parties may employ other persons or firms for this purpose (so long as said Parties are bound by this Agreement). The Parties will bear their own reasonable expenses associated with the audit.
- 31.8 Information obtained or received by either Party in conducting the audit described in §31.0 shall be subject to the confidentiality provisions of §6.0 of this Agreement, whether or not marked as confidential.

32.0 Complete Terms

- 32.1 This Agreement sets forth the entire understanding and supersedes prior Agreements between the Parties relating to the subject matter contained herein and merges all prior discussions between them, and neither Party shall be bound by any definition, condition, provision, representation, warranty, covenant or promise other than as expressly stated in this Agreement or as is contemporaneously or subsequently set forth in writing and executed by a duly authorized officer or representative of the Party to be bound thereby.

33.0 Cooperation on Preventing End User Fraud

- 33.1 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other Party.
- 33.2 In cases of suspected fraudulent activity by an End User, at a minimum, the cooperation referenced in the above paragraph will include providing to the other Party, upon request, information concerning End Users who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the End User's permission to obtain such information.

34.0 Notice of Network Changes

- 34.1 The Parties agree to provide each other with reasonable notice consistent with applicable FCC rules of changes in the information necessary for the transmission and routing of services using the other Party's facilities or networks, as well as other changes that affect the interoperability of those respective facilities and networks. Nothing in this Agreement is intended to limit either Party's ability to upgrade or modify its network, including without limitation, the incorporation of new equipment, new software or otherwise so long as such upgrades are not inconsistent with the Parties' obligations under this Agreement.

35.0 Modification of Agreement

- 35.1 If Speedbeam changes its name or makes changes to its company structure or identity due to a merger, acquisition, transfer or any other reason, it is the responsibility of Speedbeam to notify Windstream of said change and request that an amendment to this Agreement, if necessary, be executed to reflect said change.

36.0 Responsibility of Each Party

- 36.1 Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of its employees assisting in the performance of such obligations. Each Party will be solely responsible for all matters relating to payment of such employees, including compliance with social security taxes, withholding taxes and all other regulations governing such matters. Each Party will be solely responsible for proper handling, storage, transport and disposal at its own expense of all (i) substances or materials that it or its contractors or agents bring to create, or assume control over at Work Locations or, (ii) waste resulting from or otherwise generated in connection with its or its contractors' or agents' activities at the Work Locations. Subject to the limitations on liability and except as otherwise provided in this Agreement, each Party will be responsible for (i) its own acts and performance of all obligations imposed by applicable law in connection with its activities, legal status and property, real or personal and, (ii) the acts of its own affiliates, employees, agents and contractors during the performance of the Party's obligations hereunder.

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38.0 Governmental Compliance

- 38.1 Each Party will comply at its own expense with all applicable law that relates to i) its obligations under or activities in connection with this Agreement; of ii) its activities undertaken at, in connection with or relating to Work Locations. The Parties agree to indemnify, defend, (at the other Party's request) and save harmless the other Party, each of its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties, and expenses (including reasonable attorneys' fees) that arise out of or result from i) its failure or the failure of its contractors or agents to so comply or ii) any activity, duty or status of it or its contractors or agents that triggers any legal obligation to investigate or remediate environmental contamination.

39.0 Responsibility for Environmental Contamination

- 39.1 Speedbeam will in no event be liable to Windstream for any costs whatsoever resulting from the presence or release of any Environmental Hazard that Speedbeam did not introduce to the affected work location. Windstream will indemnify, defend (at Speedbeam's request) and hold harmless Speedbeam, each of its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties and expenses (including reasonable attorneys' fees) that arise out of or result from (i) any Environmental Hazard that Windstream, its contractors or agents introduce to the Work Locations or (ii) the presence or release of any Environmental Hazard for which Windstream is responsible under applicable law.
- 39.2 Windstream will in no event be liable to Speedbeam for any costs whatsoever resulting from the presence or release of any Environmental Hazard that Windstream did not introduce to the affected work location. Speedbeam will indemnify, defend (at Windstream's request) and hold harmless Windstream, each of its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties and expenses (including reasonable attorneys' fees) that arise out of or result from i) any Environmental Hazard that Speedbeam, its contractors or agents introduce to the Work Locations or ii) the presence or release of any Environmental Hazard for which Speedbeam is responsible under applicable law.

40.0 Subcontracting

- 40.1 If a Party through a subcontractor performs any obligation under this Agreement, such Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors, and each Party will be solely responsible for payments due the Party's subcontractors. No subcontractor will be deemed a third party beneficiary for any purposes under this Agreement. Any subcontractor who gains access to Confidential Information covered by this Agreement will be required by the subcontracting Party to protect such Confidential Information to the same extent the subcontracting Party is required to protect the same under the terms of this Agreement.

41.0 Referenced Documents

- 41.1 Whenever any provision of this Agreement refers to a technical reference, technical publication, any publication of telecommunications industry administrative or technical standards, Windstream handbooks and manuals, or any other document specifically incorporated into this Agreement, it will be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document that is in effect, and will include the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document incorporated by reference in such a technical reference, technical publication, or publication of industry standards. However, if such reference material is substantially altered in a more recent version to significantly change the obligations of either Party as of the Effective Date of this Agreement and the Parties are not in Agreement concerning such modifications, the Parties agree to negotiate in good faith to determine how such changes will impact performance of the Parties under this Agreement, if at all. Until such time as the Parties agree, the provisions of the last accepted and unchallenged version will remain in force.

42.0 Severability

- 42.1 If any term, condition or provision of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability will not invalidate the entire Agreement, unless such construction would be unreasonable. The Agreement will be construed as if it did not contain the

invalid or unenforceable provision or provisions, and the rights and obligations of each Party will be construed and enforced accordingly; provided, however, that in the event such invalid or unenforceable provision or provisions are essential elements of this Agreement and substantially impair the rights or obligations of either Party, the Parties will promptly negotiate a replacement provision or provisions. If impasse is reached, the Parties will resolve said impasse under §9.0, Dispute Resolution.

43.0 Survival of Obligations

- 43.1 Any liabilities or obligations of a Party for acts or omissions prior to the cancellation or termination of this Agreement, any obligation of a Party under the provisions regarding indemnification, Confidential Information, limitations on liability, and any other provisions of this Agreement which, by their terms, are contemplated to survive (or to be performed after) termination of this Agreement, will survive cancellation or termination thereof.

44.0 Governing Law

- 44.1 This Agreement shall be governed by and construed in accordance with federal law, the Act, and the FCC's Rules and Regulations, except insofar as state law may control any aspect of this Agreement, in which case the domestic laws of Kentucky, without regard to its conflicts of laws principles, shall govern. The Parties submit to personal jurisdiction in Kentucky.

45.0 Other Obligations of Speedbeam

- 45.1 To establish service and provide efficient and consolidated billing to Speedbeam, Speedbeam is required to provide a CLEC Profile, which includes its authorized and nationally recognized Operating Company Number ("OCN"), to establish Speedbeam's billing account. Speedbeam will be provided with a billing account number ("BAN") for each CLEC Profile submitted. Speedbeam will pay Windstream \$380.00 for the establishment of each billing account number ("BAN").
- 45.2 Speedbeam shall use Windstream's electronic operations support system access platform (Windstream Express) to submit orders and requests for maintenance and repair of services, and to engage in other pre-ordering, ordering, provisioning, maintenance and repair transactions and billing disputes for resale services. If Windstream Express is not available, Speedbeam shall use such other processes as Windstream has made available for performing such transaction (including, but not limited, to submission of orders by telephonic facsimile transmission and placing trouble reports by voice telephone transmission). If Speedbeam chooses to submit orders, requests for maintenance and repair of services and resale billing disputes manually, when Windstream's electronic operations support system access platform (Windstream Express) is available, Speedbeam will pay a manual order charge as reflected in the applicable Windstream tariff.
- 45.3 Speedbeam represents and covenants that it will only use Windstream Express pursuant to this Agreement for services related to UNEs, resold services or other services covered by this Agreement, for which this Agreement contains explicit terms, conditions and rates and will not provide its access to a third party.
- 45.4 A service order processing charge (Service Order Charge), listed in Appendix B, will be applied to each service order issued by Speedbeam requesting Windstream to process a request for installation, disconnection, rearrangement, or changes to orders or existing service pursuant to this Agreement.

46.0 Customer Inquiries

- 46.1 Each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.
- 46.2 Each Party will ensure that all of their representatives who receive inquiries regarding the other Party's services or products: (i) provide the numbers described in §15.2.1; and (ii) do not in any way disparage or discriminate against the other Party or its services or products.

47.0 Disclaimer of Warranties

- 47.1 **EXCEPT AS OTHERWISE SPECIFICALLY PROVIDED IN THIS AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR INTENDED OR PARTICULAR PURPOSE WITH RESPECT TO SERVICES PROVIDED HEREUNDER. ADDITIONALLY, NEITHER PARTY ASSUMES ANY RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF DATA OR INFORMATION SUPPLIED BY THE OTHER PARTY WHEN THIS DATA OR INFORMATION IS ACCESSED AND USED BY A THIRD PARTY.**

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53.0 Definitions and Acronyms

53.1 Definitions

For purposes of this Agreement, certain terms have been defined in Attachment 20: Definitions and elsewhere in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular will include the plural. The words "will" and "shall" are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other will not mean a different degree of right or obligation for either Party. A defined word intended to convey its special meaning is capitalized when used.

53.2 Acronyms

Other terms that are capitalized and not defined in this Agreement will have the meaning in the Act. For convenience of reference only, Attachment 21: Acronyms provides a list of acronyms used throughout this Agreement.

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57.0 Other Requirements and Attachments

57.1 This Agreement incorporates a number of listed Attachments, which, together with their associated Appendices, Exhibits, and Addenda, constitute the entire Agreement between the Parties.

57.1.1 Each Party agrees that if at anytime a discrepancy arises between the General Terms and Conditions and one of the Attachments, the Attachments will control.

57.1.2 Appended to this Agreement and incorporated herein are the Attachments listed below. To the extent that any definitions, terms or conditions in any given Attachment differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained in the main body of this Agreement, but only in regard to the services or activities listed in that particular Attachment. In particular, if an Attachment contains a term length that differs from the term length in the main body of this Agreement, the term length of that Attachment will control the length of time that services or activities are to occur under the Attachment, but will not affect the term length of other attachments.

Attachment 2: Resale
Attachment 4: Network Interconnection Architecture
Attachment 6: Unbundled Network Elements
Attachment 7: Physical Collocation
Attachment 8: Virtual Collocation
Attachment 12: Compensation
Attachment 13: Numbering
Attachment 14: Number Portability
Attachment 18: Performance Measures
Attachment 19: Bona Fide Request (BFR) Process
Attachment 20: Definitions
Attachment 21: Acronyms
Appendix A: Billing Dispute Form
Appendix B: Price List

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of this 2nd day of July, 2012.

Speedbeam Lexington, LLC
("Speedbeam")

Windstream Kentucky East, LLC

J P HARRIS
Print Name

John P. Fletcher
Print Name

J P Harris 06/22/12
Sign Name: Date

J P Fletcher 7/2/12
Sign Name: Date

Manager, Speedbeam LLC
Position/Title

EVP and General Counsel
Position/Title

ATTACHMENT 1: INTENTIONALLY LEFT BLANK

ATTACHMENT 2: RESALE

All services made available to Speedbeam by Windstream for resale by Speedbeam pursuant to the Agreement (Resale Services) will be subject to the terms and conditions set forth in the Agreement and in this Attachment 2: Resale.

1.0 General Provisions

- 1.1 Resale Services will be made available to Speedbeam by Windstream.
- 1.2 The applicable rules, regulations and rates in the Windstream Local Exchange Tariff shall be applicable to Resale Services and to the extent of conflict herewith this Agreement shall control.
- 1.3 Speedbeam will be the Customer of record for all services purchased from Windstream, pursuant to this Agreement. Except as specified herein, Windstream will take service orders from, bill and collect payment from Speedbeam for all services purchased pursuant to this Agreement.
- 1.4 Speedbeam will be Windstream's single point of contact for all services purchased pursuant to this Agreement.
- 1.5 Speedbeam may resell Windstream services only within the Windstream local service area as specified in the appropriate Windstream tariff.
- 1.6 Except where otherwise explicitly provided in the Windstream Local Exchange Tariff, Speedbeam shall not permit the sharing of a service by multiple End Users or the aggregation of traffic from multiple End Users onto a single service.
- 1.7 Speedbeam shall resell telecommunications services only to the same class of Customers to which Windstream sells the services; e.g. residential service may not be resold to business Customers.
- 1.8 Speedbeam shall not use a resold service to avoid the rates, terms and conditions of Windstream's Local Exchange Tariff, as applicable.
- 1.9 Speedbeam shall not use resold local exchange telephone service to provide access services to Interexchange Carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other telecommunication service providers.
- 1.10 Subject to the availability of facilities, Windstream shall provide Resale Services to Speedbeam pursuant to this Agreement.
- 1.11 Speedbeam has no right to the telephone number or any other call number designation associated with services furnished by Windstream, and no right to the continuance of service through any particular central office or number. Windstream reserves the right to change numbers or the central office designation associated with such numbers, or both, whenever Windstream deems it necessary to do so in the conduct of its business.
- 1.12 Service is furnished to Speedbeam on the condition that it will not be used for any unlawful purpose.
- 1.13 Service will be discontinued if any law enforcement agency advises that the service is being used in violation of the law.
- 1.14 Windstream can refuse service when it has grounds to believe that service will be used in violation of the law.
- 1.15 Windstream accepts no responsibility for any unlawful act committed by Speedbeam or its End Users as part of providing service to Speedbeam for purposes of resale or otherwise.

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- 1.16 Windstream is authorized, but not required to cooperate with law enforcement agencies with respect to their investigation of any alleged unlawful activity of Speedbeam or its End Users. Law enforcement agency subpoenas and court orders regarding the End Users of Speedbeam will be directed to Speedbeam. Windstream shall be entitled to bill Speedbeam for any cost associated with complying with any requests by law enforcement agencies regarding Speedbeam or Speedbeam's End Users.
- 1.17 White Page Directory Services shall be provided as set forth in Section 10 of Attachment 2 Directories: White Pages.
- 1.18 Interexchange carried traffic (e.g. sent-paid, information services and alternate operator services messages) received by Windstream with respect to Speedbeam end-user accounts will be returned to the IXC as unbillable, and will not be passed on to Speedbeam for billing. An unbillable code returned with those messages to the carrier will indicate that the messages originated from a resold account and will not be billed by Windstream.
- 1.19 All necessary information with respect to an end-user, including telephone number, requested service dates, and products and services desired will be provided to Windstream by Speedbeam in accordance with the practices and procedures established by Windstream.
- 1.20 Except as otherwise provided in this Agreement, if Windstream notifies Speedbeam in writing of a violation of a provision of this Agreement, Speedbeam shall have thirty (30) days from notice to correct the violation and notify Windstream in writing that the violation has been corrected.
- 1.21 Windstream shall continue to have the right to serve and market directly to any End User within Windstream's service area, including but not limited to Speedbeam's End Users. Windstream shall have the right to continue to directly market its own telecommunications products and services, and in doing so may establish independent relationships with Speedbeam's End Users.
- 1.22 Speedbeam shall not interfere with the right of any person or entity to obtain service directly from Windstream.
- 1.23 The circuits, facilities or equipment provided by any person or entity other than Windstream and use, operation, maintenance or installation thereof shall not:
- 1.23.1 interfere with or impair service over any facilities of Windstream, its affiliates, or its connecting and concurring carriers involved in its service;
 - 1.23.2 cause damage to plant;
 - 1.23.3 impair the privacy of any communications; or
 - 1.23.4 create hazards to any employees or the public.
- 1.24 Speedbeam assumes the responsibility of notifying Windstream regarding any less than standard operations with respect to services provided by Speedbeam.
- 1.25 Facilities and/or equipment utilized by Windstream to provide service to Speedbeam shall remain the property of Windstream.
- 1.26 Windstream will provide Proprietary Network Information ("CPNI") to Speedbeam, only after Speedbeam has provided to Windstream a signed Letter(s) of Authorization ("LOA") from the relevant Customer. Windstream may provide CPNI to Speedbeam via Windstream Express.
- 1.27 All costs incurred by Windstream for providing services to Speedbeam that are not covered in the Windstream tariffs shall be recovered from Speedbeam for utilizing such services.
- 1.28 The Parties agree that this Agreement shall not be proffered by either Party in another jurisdiction or proceeding as evidence of any concession or as a waiver of any position taken by the other Party in that jurisdiction or for any other purpose.
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- 1.29 The rates applicable to Speedbeam for purchase of services from Windstream for resale shall be the retail rate for the telecommunications services as provided in Windstream's applicable Local Exchange Tariff, less a fifteen point nine five percent (15.95%) discount.

2.0 General Obligations

- 2.1 Windstream shall attempt to implement Speedbeam service orders within the same time intervals that Windstream uses to implement service orders for similar services for its own End Users.
- 2.2 The appropriate Windstream trouble reporting centers shall accept Speedbeam trouble reports with respect to Speedbeam End Users services 24 hours a day, 7 days a week. Speedbeam will be assigned a Customer contact center when initial service Agreements are made. Speedbeam End Users calling Windstream will be referred to Speedbeam at the number provided by Speedbeam.
- 2.3 If Windstream determines that an unauthorized change in local service by a local service provider has occurred, Windstream will reestablish service with the appropriate local service provider, and will assess against the local service provider an unauthorized change charge similar to that described in the Windstream F.C.C. Tariff No. 1. Appropriate nonrecurring charges, as set forth in the Local Exchange Tariff as applicable, will also be assessed to the local service provider.
- 2.4 To the extent allowable by law, Speedbeam shall be responsible for Primary Interexchange Carrier (PIC) change charges associated with such local exchange line. These charges will be assessed regardless if the Speedbeam or the End User made the change. Speedbeam shall pay for PIC changes at the tariffed rate.
- 2.5 Speedbeam shall resell the services provided herein only in those service areas in which such Resale Services or any feature or capability thereof are offered at retail by Windstream as the incumbent local exchange carrier to its End Users.
- 2.6 Speedbeam is solely responsible for the payment of charges for all service furnished under this Agreement, including, but not limited to, calls originated or accepted at Speedbeam location and its End Users' service locations, with the exception of any retail services provided directly by Windstream to the End User which Windstream is responsible for billing.
- 2.7 Windstream shall not be responsible for the manner in which the use of Resale Services or the associated charges are billed to others by Speedbeam. All applicable rates and charges for such services will be billed to and shall be the responsibility of Speedbeam, with the exception of other retail services provided directly to the End User by Windstream as described in paragraph 2.6 above.
- 2.8 If Speedbeam does not wish to be responsible for toll, collect, third number billed, 900 and 976 calls, Speedbeam must order blocking services as outlined in the Windstream Local Exchange Tariff and pay any applicable charges.
- 2.9 Speedbeam shall be responsible for providing to its End Users, and to Windstream a telephone number or numbers that Speedbeam End Users can use to contact Speedbeam in the event of service or repair requests. In the event that Speedbeam End Users contact Windstream with regard to such requests, Windstream shall provide the End User Speedbeam's contact number and inform the End User to contact Speedbeam.

3.0 Establishment of Service

- 3.1 Upon receiving the applicable certification from the appropriate state regulatory agency, Speedbeam will provide Windstream with the necessary documentation to enable Windstream to establish a master account for Speedbeam. Such documentation shall include, but is not limited to, the Application for Master Account, proof of authority to provide telecommunications services, an Operating Company Number ("OCN") assigned by the National Exchange Carriers Association

("NECA"), and a tax exemption certificate, if applicable. When necessary deposit requirements are met, Windstream will begin taking orders from Speedbeam for Resale Services.

- 3.2 Speedbeam will be charged a Master Account Establishment charge of \$380.00. The Master Account Establishment charge is a one-time charge that will be applied to Speedbeam's account upon the establishment of each Billing Account Number ("BAN").
- 3.3 Service orders will be submitted in the format designated in Windstream handbooks and manuals.
- 3.4 When Windstream receives notification from Speedbeam that a current Windstream Customer will be subscribing to Speedbeam's services, standard service order intervals for the appropriate class of service will apply.
- 3.5 Except as required by applicable laws or rules, Windstream will not require End User confirmation prior to establishing service for Speedbeam's Customers. Speedbeam must, however, be able to demonstrate End User authorization upon request.
- 3.6 Speedbeam will be the single point of contact with Windstream for all subsequent ordering activity resulting in additions or changes to Resale Services, except that Windstream will accept a request directly from the End User for conversion of the End User's service from Speedbeam to Windstream, or will accept a request from another local service provider for conversion of the End User's service from Speedbeam to the other local service provider.
- 3.7 Windstream will provide Speedbeam at their request per Customer, blocking of calls (e.g., toll, 900, international calls, and third party or collect calls) by line or trunk on an individual switching element basis, to the extent that Windstream provides such blocking capabilities to its Customers and to the extent required by law.
- 3.8 When ordering Resale Services via a service order, Speedbeam may where available, order from Windstream separate InterLATA and IntraLATA service providers (i.e., two PICs) on a line or trunk basis where IntraLATA presubscription has been introduced. Windstream will accept PIC change orders for IntraLATA and long distance services through the Windstream service provisioning process.
- 3.9 Windstream will provide order format specifications to Speedbeam with respect to all services, features, and functions available and with respect to ancillary data required by Windstream to provision these services through Windstream manuals and handbooks.

4.0 Maintenance of Services

- 4.1 Windstream's facilities and equipment provided by Windstream shall be maintained by Windstream.
- 4.2 Windstream will attempt to provide maintenance for all Resale Services ordered under this Agreement at levels equal to the maintenance provided by Windstream in serving its Customers. Windstream technicians will attempt to provide repair service on Resale Services that is at least equal in quality to that provided to Windstream Customers; trouble calls from Speedbeam will receive response time and priorities that are at least equal to that of Windstream Customers.
- 4.3 Speedbeam or its End Users may not rearrange, move, disconnect, remove or attempt to repair any facilities owned by Windstream, other than by connection or disconnection to any interface means used, without the written consent of Windstream.
- 4.4 Speedbeam shall promptly notify Windstream of any situations that arise that may result in a service problem.
- 4.5 Speedbeam will be Windstream's single point of contact for all repair calls on behalf of Speedbeam's End Users with respect to Resale Services. All misdirected repair calls to

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- Windstream from Speedbeam Customers will be given a recording (or live statement) directing them to call the number designated by Speedbeam. Speedbeam on a reciprocal basis will refer all misdirected repair calls that Speedbeam receives for Windstream Customers to Windstream
- 4.6 Speedbeam will contact the appropriate Windstream repair center in accordance with procedures established by Windstream. Speedbeam will refer repair calls to Windstream via Windstream Express.
- 4.7 For all repair requests, Speedbeam shall adhere to Windstream's prescreening guidelines prior to referring the trouble to Windstream.
- 4.8 For purposes of this Section, Resale Services is considered restored or a trouble resolved when the quality of Resale Services is equal to that provided before the outage or the trouble occurred.
- 4.9 Windstream will bill Speedbeam for handling troubles that are found not to be in Windstream's network pursuant to its standard time and material charges. The standard time and material charges will be no more than what Windstream charges to its retail Customers for the same services.
- 4.10 Windstream will provide Speedbeam with written escalation procedures for maintenance resolution to be followed if, in Speedbeam's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided thereunder shall include names and telephone numbers of Windstream management personnel who are responsible for maintenance issues.
- 4.11 Windstream Maintenance of Service Charges, when applicable, will be billed by Windstream to Speedbeam, and not to Speedbeam's end-user Customers.
- 4.12 Dispatching of Windstream technicians to Speedbeam Customer premises shall be accomplished by Windstream pursuant to a request received from Speedbeam.
- 4.13 When a Windstream employee visits the premises of a Speedbeam local Customer, the Windstream employee will inform the Customer or occupant, directly or indirectly, that he or she is there acting on behalf of "their local service provider". Materials left at the Customer premises (e.g., a door hanger notifying the Customer of the service visit) must also inform the Customer that Windstream was on their premises acting on behalf of "their local service provider".
- 4.14 If trouble cannot be cleared without access to Speedbeam local Customer's premises and the Customer is not at home, the Windstream technician will leave at the Customer's premises a non-branded "no access" card requesting the Customer to call "their local service provider" for rescheduling of repair.
- 4.15 Windstream reserves the right, but is not required, to contact Speedbeam's Customers for any lawful purpose.
- 4.16 Windstream will perform testing (including trouble shooting to isolate any problems) of Resale Services purchased by Speedbeam in order to identify any new circuit failure performance problems.

5.0 Discontinuance of Service

5.1 End User Disconnect Procedures

- 5.1.1 At the request of Speedbeam, Windstream will disconnect a Speedbeam Customer.
- 5.1.2 All requests by Speedbeam for denial or disconnection of an End User for nonpayment must be provided to Windstream in writing in the manner and format prescribed by Windstream.

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- 5.1.3 Speedbeam will be solely responsible for notifying the End User of the proposed disconnection of service.
 - 5.1.4 Upon restoration of the End User's service, charges will apply and will be the responsibility of Speedbeam.
 - 5.1.5 Windstream will continue to process calls made to Windstream for annoyance calls and will advise Speedbeam when it is determined that annoyance calls are originated from one of their End User's locations. Windstream shall be indemnified, defended and held harmless by Speedbeam against any claim, loss or damage arising from providing this information to Speedbeam. It is the responsibility of Speedbeam to take the corrective action necessary with its Customers who make annoying calls. Failure to do so will result in Windstream's disconnecting the End User's service.

6.0 **Dispute Resolution**

6.1 **Notice of Disputes**

Notice of a valid contractual dispute must be made through the Windstream Express System's billing dispute form, specifically documenting the nature of the dispute, and must include a detailed description of the underlying dispute (the "Billing Dispute"). Billing Disputes must be submitted via Windstream Express, on the billing dispute form or the dispute will not be accepted as a valid Billing Dispute and therefore denied by the billing Party. The billing dispute form must be completed with all fields populated by the disputing Party or the form will be denied by the billing Party.

6.1.1 **Billing Disputes**

The billing dispute form must be complete, with all fields populated with the required information for the billable element in dispute. If the billing dispute form is not complete with all information, the dispute will be denied by the billing Party. After receipt of a completed billing dispute form, the billing Party will review to determine the accuracy of the Billing Dispute. If the billing Party determines the dispute is valid, the billing Party will credit the disputing Party's bill within thirty (30) calendar days of receipt of the Billing Dispute. If the billing Party determines the Billing Dispute is not valid, the disputing Party may escalate the dispute as outlined in Section 6.1.1.1.

6.1.1.1 Resolution of the dispute is expected to occur at the first level of management, resulting in a recommendation for settlement of the dispute and closure of a specific billing period. If the issues are not resolved within the allotted time frame, the following resolution procedure will be implemented:

6.1.1.1.1 If the dispute is not resolved within thirty (30) calendar days of receipt of the billing dispute form, the dispute will be escalated to the second level of management for each of the respective Parties for resolution. If the dispute is not resolved within sixty (60) calendar days of the notification date, the dispute will be escalated to the third level of management for each of the respective Parties for resolution.

6.1.1.1.2 If the dispute is not resolved within ninety (90) calendar days of the receipt of the billing dispute form, the dispute will be escalated to the fourth level of management for each of the respective Parties for resolution.

6.1.1.1.3 Each Party will provide to the other Party an escalation list for resolving Billing Disputes. The escalation list will contain the name, title, phone number, fax number and email address for each escalation point identified in this section 6.1.1.1.

6.1.1.1.4 If the dispute is not resolved within one hundred twenty (120) days of receipt of the billing dispute form or either Party is not operating in good faith to resolve the dispute, the Formal Dispute Resolution process, outlined in section 6.4, may be invoked.

6.1.1.2 If the disputing Party disputes charges and the dispute is resolved in favor of the disputing Party, the billing Party shall credit the bill of the disputing Party for the amount of the disputed charges by the next billing cycle after the resolution of the dispute.

6.1.1.3 Claims by the disputing Party for damages of any kind will not be considered a Bona Fide Dispute for purposes of this subsection 6.1.1.

6.1.1.4 Any credits due to the disputing Party resulting from the Billing Dispute process will be applied to the disputing Party's account by the billing Party immediately upon resolution of the dispute.

6.1.1.5 Neither Party shall bill the other Party for charges incurred more than twelve (12) months after the service is provided to the non-billing Party.

6.1.2 **All Other Disputes**

All other disputes (*i.e.*, contractual disputes) shall be valid only if reasonable within the scope of this Agreement, and the applicable statute of limitations shall govern such disputes.

6.2 **Alternative to Litigation**

6.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, except for action seeking a temporary restraining order, an injunction, or similar relief from the PUC related to the purposes of this Agreement, or suit to compel compliance with this Dispute Resolution process, the Parties agree to use the following Dispute Resolution procedure with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

6.3 **Informal Resolution of Disputes**

In the case of any dispute and upon receipt of the billing dispute form each Party will appoint a duly authorized representative knowledgeable in telecommunications matters, to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon Agreement, the representatives may, but are not obligated to, utilize other alternative dispute resolution procedures to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from discovery and production and will not be admissible in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications, which are not prepared for purposes of the negotiations, are not so exempted and, if otherwise admissible, may be admitted in evidence in the lawsuit. Unless otherwise provided herein, or upon the Parties' Agreement, either Party may invoke formal dispute resolution procedures or other procedures as appropriate, not earlier than thirty (30) days after the date of the billing dispute form, provided the Party invoking the formal dispute resolution process has in good faith negotiated, or attempted to negotiate, with the other Party.

6.4 **Formal Dispute Resolution**

6.4.1 The Parties agree that all unresolved disputes arising under this Agreement may be submitted to PUC for resolution in accordance with its dispute resolution process and the

outcome of such process will be binding on the Parties, subject to any right to appeal a decision reached by the PUC under applicable law.

- 6.4.2 If the PUC does not have or declines to accept jurisdiction over any dispute arising under this Agreement, either Party may proceed with any remedy available to it pursuant to law, equity or agency mechanisms
- 6.4.3 Each Party shall bear its own costs of these procedures unless the Kentucky PSC or other presiding authority, if any, rules otherwise. A Party seeking discovery shall reimburse the responding Party for the costs of production of documents (including search time and reproduction costs).

6.5 Conflicts

- 6.5.1 The Parties agree that the Dispute Resolution procedures set forth in this Agreement are not intended to conflict with applicable requirements of the Act or the state commission with regard to procedures for the resolution of disputes arising out of this Agreement and do not preclude a Party from seeking relief under applicable rules or procedures of the PUC.

7.0 Termination of Service to Speedbeam

- 7.1 Windstream reserves the right to suspend or terminate service for nonpayment or in the event of prohibited, unlawful or improper use of facilities or service, abuse of facilities, or any other violation or noncompliance by Speedbeam of the rules and regulations of the Windstream Local Exchange Tariff.
- 7.2 Disputes hereunder shall be resolved in accordance with the procedures identified in § 6.0 Dispute Resolution. Failure of Speedbeam to pay charges owed to Windstream shall be grounds for termination under this Agreement
- 7.3 Failure of Speedbeam to pay all charges, including disputed amounts, shall be grounds for suspension or termination of this Agreement. If Speedbeam fails to pay when due, all charges billed to Speedbeam under this Agreement, and any portion of such charges remain unpaid more than fifteen (15) days after the due date of such charges, Windstream will notify Speedbeam in writing that in order to avoid having service disconnected and or suspension of order acceptance, Speedbeam must remit all charges to Windstream within fifteen (15) days after receipt of said notice (the "Embargo Notice").
- 7.4 If any Speedbeam charges remain unpaid at the conclusion of the time period as set forth in § 7.3 above (15 days from the due date of such unpaid charges), Windstream will notify Speedbeam, (the "Disconnect Notice") and the appropriate commission(s) in writing, pursuant to state public service commission's rules and regulations, that Speedbeam's service will be disconnected and Speedbeam's End Users may be switched to Windstream local service and Windstream will suspend order acceptance. Applicable service establishment charges for switching End Users from Speedbeam to Windstream will be assessed to Speedbeam. In the case of such discontinuance, all billed charges, as well as applicable termination charges, shall become due. If Windstream does not discontinue the provision of the services involved on the date specified in the fifteen (15) day Embargo Notice, and Speedbeam's noncompliance continues, nothing contained herein shall preclude Windstream's right to discontinue the provisions of the services to Speedbeam without further notice.
- 7.5 Within five (5) calendar days of the transfer to Windstream's service, (30 days past Speedbeam's due date), Windstream will notify all affected End Users that because of a Speedbeam's failure to pay all charges, their service is now being provided by Windstream.
- 7.6 After disconnect procedures have begun, Windstream will not accept service orders from Speedbeam until all charges are paid in full, in immediately available funds. Windstream will

have the right to require a deposit equal to three (3) months charges (based on the highest previous month of service from Windstream) prior to resuming service to Speedbeam after disconnect for nonpayment.

- 7.7 Beyond the specifically set out limitations in this Section, nothing herein will be interpreted to obligate Windstream to continue to provide service to any such End Users or to limit any and all disconnection rights Windstream may have with regard to such End Users.

8.0 Billing and Payments

- 8.1 Pursuant to this Agreement, Windstream shall bill Speedbeam those charges, which Speedbeam incurs as a result of Speedbeam purchasing Resale Services from Windstream.
- 8.2 Windstream shall provide Speedbeam a monthly bill including all charges incurred by and credits and/or adjustments due to Speedbeam for the Resale Services ordered, established, utilized, discontinued or performed pursuant to this Agreement. Each bill provided by Windstream to Speedbeam will include:
- 8.2.1 all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date;
 - 8.2.2 any known unbilled non-usage sensitive charges for prior periods;
 - 8.2.3 unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date; and
 - 8.2.4 any known unbilled usage sensitive charges for prior periods. Windstream will also bill all charges, including but not limited to 911 and E911 charges, telecommunications relay charges, and franchise fees, to Speedbeam.
- 8.3 Any switched access charges associated with Interexchange carrier access to the resold local exchange lines will be billed by, and due Windstream from the Interexchange Carrier.
- 8.4 All End User common line (EUCL) charges, subscriber line charges (SLC), or other similar charges will continue to apply for each local exchange line resold under this Agreement. All applicable federal and state rules, tariffs and regulations associated with such charges shall be applicable, as may be amended from time to time.
- 8.5 Each Party will provide the other Party at no charge a contact person for the handling of any Resale Billing questions or problems.
- 8.6 Windstream will render bills each month on established bill days for each of Speedbeam's accounts.
- 8.7 If Speedbeam requests an additional copy(s) of a bill, Speedbeam will pay Windstream a reasonable fee per additional bill copy, unless such copy(s) was requested due to errors, omissions, or corrections, or the failure of the original transmission to comply with the specifications set forth in this Agreement.
- 8.8 Payment of all charges will be the responsibility of Speedbeam. Speedbeam shall make payment to Windstream for all Resale Services billed. Windstream is not responsible for payments not received by Speedbeam from Speedbeam's Customer. Windstream will not become involved in Billing Disputes that arise between Speedbeam and its Customer. Payments made to Windstream, as payment on account, will be credited to an accounts receivable master account and not to an End User's account.

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- 8.9 Payment of all charges will be due within thirty (30) days of the invoice date and payable in immediately available funds. Payment is considered to have been made when received by Windstream.

9.0 Customer Usage Data

- 9.1 Usage Data with respect to End Users will be provided by Windstream to Speedbeam when the End User has been transferred to Speedbeam, and Speedbeam purchases Resale Services from Windstream.
- 9.2 Windstream will provide usage data for Speedbeam Customers using Windstream-provided Resale Services. Usage Data includes, but is not limited to, the following categories of information:
- 9.2.1 All record types that are currently processed for Windstream Customers.
 - 9.2.2 Use of CLASS/ Custom Features;
 - 9.2.3 Station level detail for Windstream - provided CENTREX families of services; and
 - 9.2.4 Complete call detail and complete timing information for Resale Services;
- 9.3 Windstream will provide Usage Data for completed calls only for service offerings that Windstream records for itself (e.g., Local Measured Services) and recordings performed on the behalf of Windstream for operator services and directory assistance.
- 9.4 Windstream will provide Usage Data to Speedbeam only for Speedbeam Customers. Windstream will not submit other carriers' local usage data as part of the Speedbeam Usage Data.
- 9.5 Windstream will provide Usage Data in EMI format.
- 9.6 Windstream will include the Working Telephone Number (WTN) of the call originator on each EMI call record.
- 9.7 Customer usage records and station level detail records will be in packs in accordance with EMI guidelines.
- 9.8 Windstream will transmit formatted Usage Data to Speedbeam via CONNECT: Direct or as otherwise agreed to by the Parties. Speedbeam is responsible for the connection.
- 9.9 Speedbeam and Windstream will test and certify the CONNECT: Direct interface to ensure the accurate transmission of Usage Data. Speedbeam will pay to Windstream a per message charge for Windstream's transmission of usage data to Speedbeam.
- 9.10 Windstream will provide Usage Data to Speedbeam daily (Monday through Friday) on a time schedule to be determined by the Parties. By mutual Agreement of both Parties, this schedule can be amended with thirty (30) days written notice.
- 9.11 Windstream will establish a single point of contact to respond to Speedbeam call usage, data error, and record transmission inquiries.
- 9.12 Windstream will bill and Speedbeam will pay the applicable charges for Usage Data set forth in this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

10.0 Directories: White Pages

10.1 Introduction

- 10.1.1 Windstream obtains the publication of White Pages directories (White Pages) from a third party publisher for geographic areas in which Speedbeam may also provide local exchange telephone service, and Speedbeam wishes to include listings information for its Customers in the appropriate White Pages directories.
- 10.1.2 Windstream will include Speedbeam's Customer listings in the appropriate White Pages directory in accordance with § 10.2 Resale as specified in this Section. The Parties agree that § 10.2 Resale shall be applicable to Customers which Speedbeam serves through a Resale Agreement.
- 10.1.3 Any references in this Section to Windstream procedures, practices, requirements, or words of similar meaning, shall also be construed to include those of Windstream's contractors that produce directories on its behalf.
- 10.1.4 A service order processing charge (Service Order Charge) will be applied to each service order issued by Speedbeam for Windstream to process a directory listing request or change to an existing directory listing.

10.2 Service Provided - Resale

- 10.2.1 Windstream will include in appropriate White Pages directories the primary alphabetical listings of all Speedbeam Customers (other than non-published or non-list Customers) located within the local directory area.
- 10.2.2 Speedbeam will furnish to Windstream subscriber listing information pertaining to Speedbeam Customers located within the Windstream local directory area, along with such additional information as Windstream may require to prepare and print the alphabetical listings of said directory.
- 10.2.3 Windstream will include the listing information for Speedbeam's Customers for Resale Services in the White Pages directory database in the same manner as it includes listing information for Windstream's Customers.
- 10.2.4 Windstream will provide Speedbeam with format requirements and procedures for submitting directory listings and directory updates.
- 10.2.5 Speedbeam may purchase Enhanced White Pages listings for residential Customers on a per listing basis, and will pay Windstream amounts attributable to such Enhanced Listings used by its Customers.
- 10.2.6 Speedbeam's subscriber listings will be inter-filed (interspersed) with Windstream's and other local service provider's subscriber listings in the White Pages directory with no discernible differentiation in the listings to indicate to the reader that the listings are served by another local service provider.
- 10.2.7 Windstream will deliver White Pages directories to Speedbeam Customers. The timing of such delivery and the determination of which White Pages directories will be delivered (by Customer address, NPA/NXX or other criteria), and the number of White Pages directories to be provided per Customer, will be on the same terms that Windstream delivers White Pages directories to its own End Users.
- 10.2.8 Windstream will distribute any subsequent directories in accordance with the same practices and procedures used by Windstream.

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- 10.2.9 At its option, Speedbeam may purchase information pages (Customer Guide Pages) in the informational section of the White Pages directory covering the geographic area(s) it is serving. These pages will be in alphabetical order with other local service providers and will be no different in style, size, color and format than Windstream information pages. Sixty (60) days prior to the directory close date, Speedbeam will provide to Windstream the information page(s) in camera ready format. Windstream will have the right to approve or reject the format and content of such information page(s) and, with Speedbeam's agreement, Windstream may, but is not required to, revise the format and content of such information page(s).
- 10.2.10 Windstream will include Speedbeam specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to Speedbeam on such page will be 1/8th page in size. In order to have such information published, Speedbeam will provide Windstream, sixty (60) days prior to the directory close date, with its logo and information in the form of a camera ready copy, sized at 1/8th of a page. Speedbeam will be limited to a maximum of 1/8th of a page in any single edition of a White Pages directory.

10.3 Limitation Of Liability And Indemnification

- 10.3.1 Windstream will not be liable to Speedbeam for any losses or damages arising out of errors, interruptions, defects, failures, delays, or malfunctions of the White Pages services, including any and all associated equipment and data processing systems, unless said losses or damages result from Windstream's gross negligence or willful or wanton or intentional misconduct. Any losses or damages for which Windstream is held liable under this Agreement to Speedbeam, shall in no event exceed the amount of the charges billed to Speedbeam for White Pages services with respect to the period beginning at the time notice of the error, interruption, defect, failure, or malfunction is received by Windstream to the time Service is restored.
- 10.3.2 Speedbeam agrees to defend, indemnify, and hold harmless Windstream from any and all losses, damages, or other liability that Windstream may incur as a result of claims, demands, wrongful death actions, or other claims by any Party that arise out of Speedbeam's Customers' use of the White Pages services, or the negligence or wrongful act of Speedbeam except to the extent any such losses, damages or other liability solely from Windstream's gross negligence or willful misconduct. Speedbeam will defend Windstream against all Customer claims just as if Speedbeam had provided such service to its Customer with Speedbeam's own employees and will assert its contractual or tariff limitation of liability, if any, for the benefit of both Windstream and Speedbeam.
- 10.3.3 Speedbeam agrees to release, defend, indemnify, and hold harmless Windstream from any claims, demands, or suits with respect to any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by Windstream employees or equipment associated with provision of the White Pages services, except to the extent any such losses, damages or other liability is based on or results from Windstream's gross negligence or willful misconduct. This provision includes but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used in connection with White Pages services.

10.4 Pricing

- 10.4.1 Prices for White Pages services are as contained on Exhibit I, attached hereto and incorporated herein.

10.5 Term

- 10.5.1 Upon termination of this Interconnection Agreement, this Section 10 Directories will be null and void with respect to any issue of directories published thereafter.

EXHIBIT I: PRICE LIST

Price Disclaimer: The following prices are for purchasing directories and Information Pages. Based on fluctuating printing and publishing expenses, Windstream reserves the right to increase these prices by no more than 3% annually.

Price Per Initial White Page listing: \$0.00

Price Per Additional White Page listing: \$3.00

Price Per Single Sided Informational Page:

6x9

1 additional information page	\$475.00
2 additional information pages	\$750.00

9x11

1 additional information page	\$1,225.00
2 additional information pages	\$1,440.00

Price Per Book Copy for Initial Book Order:Respective Directory Wholesale Price (See Below)

Price Per Book Copy Ordered after Initial Order: Respective Directory Retail Price (See Below)

DIR ST	CODE	DIRECTORY NAME	WHOLESALE PRICE	RETAIL PRICE	SUBCODE
KY	29886	Shepherdsville	12.55	18.83	110

ATTACHMENT 3: INTENTIONALLY LEFT BLANK

ATTACHMENT 4: NETWORK INTERCONNECTION ARCHITECTURE

1.0 Scope

- 1.1 This Attachment describes the arrangements that may be utilized by the Parties for interconnection of their respective networks for the transmission and routing of Telephone Exchange Service and Exchange Access Service pursuant to §251 of the Act. Network Interconnection will be provided by the Parties at any technically feasible point(s) within Windstream's interconnected network within a LATA. Speedbeam must establish a point of interconnection at each Windstream tandem within the LATA. It is Speedbeam's responsibility to establish interconnection, pursuant to this Attachment, within Windstream's interconnected network within each LATA. In each Windstream Exchange Area where the Parties interconnect their networks, the Parties will utilize the interconnection method as specified below unless otherwise mutually agreed to in writing by the Parties. Traffic originated by any third party, not a Party to this Agreement, delivered to the other Party, regardless of whether such traffic is delivered to the Party's End User, is not originating on that Party's network and may not be routed through any interconnection facilities. The terms "originate" and "terminate" refer to the end points of a call, regardless of the classification of the Party's End User.
- 1.2 Each Party is responsible for the cost, appropriate sizing, operation, and maintenance of the facilities on its side of each IP. Each IP must be located within Windstream's serving territory in the LATA in which traffic is originating. An IP determines the point up to which the originating Party shall be responsible for providing at its own expense, the call transport with respect to its Local traffic and IntraLATA Traffic.
- 1.3 An Interconnection Point ("IP"), as defined in §2.0 of this Attachment will be designated for each interconnection arrangement established pursuant to this Agreement. Street address and/or Vertical and Horizontal (V & H) Coordinates will be provided to identify each IP.

2.0 Interconnection

- 2.1 Direct interconnection facilities provide for network interconnection between the Parties at a technically feasible point(s) on Windstream's interconnected network within a LATA as described in Section 2.1.1. Speedbeam must establish a point of interconnection at each Windstream tandem within the LATA. Traffic originated by any third party, not a Party to this Agreement, delivered to the other Party, regardless of whether such traffic is delivered to the Party's End User, is not originating on that Party's network and may not be routed through the direct interconnection facilities. Direct interconnection shall be accomplished by, including but not limited to, one or more of the following methods: 1) lease arrangements, and 2) jointly provisioned facilities arrangements.
 - 2.1.1 In order to gain connectivity, the IP is required at the following locations:
 - a) IP at the Windstream Tandem Office where available;
 - b) IP at the Windstream End Office;
 - c) IP at the Windstream Access Tandem, where available, or End Office for a Windstream remote central office.
 - 2.1.2 Lease arrangements will be governed by the applicable Windstream interstate, intrastate or local, special access or private line tariffs under which Speedbeam orders service.
 - 2.1.3 Each Party will be responsible for the engineering and construction of its own network facilities on its side of the IP, however, should Windstream be required to modify its

network to accommodate the interconnection request made by Speedbeam, Speedbeam agrees to pay Windstream reasonable charges for such modifications. If Speedbeam uses a third party network Carrier to reach the IP, Speedbeam will bear all third party Carrier charges for facilities and traffic.

- 2.2 The Parties shall utilize direct end office facilities under any one of the following conditions:
 - 2.2.1 Tandem Exhaust - If a tandem through which the Parties are interconnected is unable to, or is forecasted to be unable to support additional traffic loads for any period of time, the Parties will mutually agree on an end office facility plan that will alleviate the tandem capacity shortage and ensure completion of traffic between Speedbeam and Windstream.
 - 2.2.2 Traffic Volume – Where traffic exceeds or is forecasted to exceed a single DS1 of traffic per month, then Speedbeam shall install and retain direct end office facilities sufficient to handle such traffic volumes. Speedbeam will install additional capacity between such points when overflow traffic exceeds or is forecasted to exceed a single DS1 of traffic per month. In the case of one-way facilities, additional facilities shall only be required by the Party whose facilities have achieved the preceding usage threshold.
 - 2.2.3 Mutual Agreement - The Parties may install direct end office facilities upon mutual agreement in the absence of conditions (2.2.1) or (2.2.2) above.
- 2.3 Indirect Interconnection. Both Parties agree only to deliver traffic to the other pursuant to and consistent with the terms of this Agreement. Neither Party shall utilize a third party for the delivery of traffic to the other pursuant to this Agreement without the prior written consent of all Parties and without the establishment of mutually agreeable terms and conditions among all Parties governing any intermediary arrangement with a third party. Traffic originated by any third party, not a Party to this Agreement, delivered to the other Party, regardless of whether such traffic is delivered to the Party's End User, is not originating on that Party's network and may not be routed through Indirect Interconnection.
 - 2.3.1 Indirect Traffic means Local Traffic originated by Windstream, transited by a third party ILEC for termination to Speedbeam or Local Traffic originated by Speedbeam transited by a third party ILEC for termination to Windstream. Neither Party shall use a third party ILEC or any third party Telecommunications Carrier for the transiting or delivery of Local Traffic to the other Party for the exchange of Local Traffic that originates and terminates within the same Windstream Exchange.
- 2.4 Transit Traffic. Subject to the terms and provisions of this Agreement, Windstream will provide Transit Traffic Services where Windstream has agreed to provide Transit Traffic Services. The Parties agree that Transit Traffic Services are not a 251 requirement pursuant to federal law and are voluntarily being provided by Windstream to Speedbeam.
 - 2.4.1 The Transit Traffic Services do not include (1) any traffic deemed local only by subscription to Speedbeam's optional local calling plans; (2) any traffic for which transit charges are assessed under a separate agreement between the Parties; (3) 900 or 976 calling; (4) traffic originated by or terminated to an interexchange carrier (IXC); (5) traffic for which Windstream is entitled to collect access charges; and (6) any traffic where Windstream is the toll provider for the end user originating the call and where Windstream collects toll revenue from such end user.
 - 2.4.2 The Parties understand that the arrangements and provision of Service as contemplated by this Agreement may require technical and operational coordination between the Parties. Accordingly, the Parties agree to work cooperatively to implement this Agreement and Speedbeam agrees to provide Windstream with such information as may

be necessary to establish and maintain Speedbeam's account and Services under this Agreement.

- 2.4.3 No performance measures or related incentive payments apply to services provided under this Agreement.
- 2.5 Neither Party shall deliver: (i) traffic destined to terminate at the other Party's end office via another LEC's end office, or (ii) traffic destined to terminate at an end office subtending the other Party's tandem via another LEC's tandem.

3.0 Signaling Requirements

- 3.1 Signaling Parameters. Windstream and Speedbeam are required to provide each other the proper signaling information as required by Applicable Law and further clarified by the FCC Order to enable each Party to issue bills in a complete and timely fashion. All CCS signaling parameters will be provided unchanged including CPN, calling party category, ChN (Charge Number) and Originating Line Information Parameter (OLIP) on all calls. All privacy indicators will be honored. The ChN is to be passed unaltered in SS7 signaling fields where it is different than CPN; ChN must not be populated with a number associated with an intermediate switch, platform, or gateway, or other number that designates anything other than a calling party's charge number; and if MF signaling is used by Speedbeam then the ChN must be included in the ANI field if different from the CPN. Where SS7 connections exist, each Party shall pass all CCS signaling parameters, where available, on each call carried over interconnection trunks. If either Party fails to provide valid originating information, such traffic will be billed as Intrastate Switched Access when the calls traverse an interconnection trunk. The Parties will coordinate and exchange data as necessary to determine the cause of the CPN/ChN failure to assist its correction.
- 3.2 Where available each Party shall cooperate to ensure that all of its trunk groups are configured utilizing the B8ZS ESF protocol for 64 kbps clear channel transmission to allow for ISDN interoperability between the Parties' respective networks.
- 3.3 The Parties shall jointly develop a grooming plan (the "Joint Grooming Plan") which shall define and detail, inter alia,
 - 3.3.1 disaster recovery provisions and escalations;
 - 3.3.2 direct/high usage trunk engineering guidelines; and
 - 3.3.3 such other matters as the Parties may agree.
- 3.4 If a Party makes a change in its network, which it believes will materially affect the interoperability of its network with the other Party, the Party making the change shall provide thirty (30) days advance written notice of such change to the other Party.

4.0 Interconnection and Trunking Requirements

- 4.1 **Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic**
 - 4.1.1 The Parties shall reciprocally terminate Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic originating on each other's networks as follows:

4.1.1.1 Where technically feasible, the Parties shall make available to each other two-way trunks for the reciprocal exchange of combined Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic. In such case, each Party will provide to each other its Percentage of Local Use (PLU) for billing purposes on a quarterly basis. If a Necessary Factor is not provided, the one already in effect stays in effect. If either Party questions the accuracy of the other's PLU, that issue may be included in a verification review as provided in §32.0 of the General Terms and Conditions. Pending such verification review, the PLU in effect immediately prior to the verification review shall remain in effect. If at any time during the term of this Agreement, the average monthly number of minutes of use (combined Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic) terminated by either Party on the network of the other exceeds the generally accepted engineering practices as mutually agreed to by the Parties, the Party on whose network those minutes have been terminated may elect to require jurisdictionally separate trunks for Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic.

4.1.1.2 Each Party's operator bureau shall accept BLV and BLVI inquiries from the operator bureau of the other Party in order to allow transparent provisioning of BLV/BLVI traffic between the Parties' networks. Each Party shall route BLV/BLVI inquiries between the Parties respective operator bureaus.

4.1.2 Neither Party shall utilize the interconnection facilities for delivery of any other type of traffic to the other Party.

4.2 Trunking and Facilities

4.2.1 Trunking will be established at the DS-1 level or DS-0 level, and facilities will be established at the DS1, DS-3/OC-3 level, or higher, as agreed upon by the Parties. All trunking will be jointly engineered to an objective P.01 grade of service.

4.2.2 Where Windstream is a 911 provider, separate trunks connecting Speedbeam's switch to Windstream's E911 routers will be established by Speedbeam. If Speedbeam purchases such services from Windstream, they will be provided at full applicable tariff rates. For all 911/E911 traffic originating from Speedbeam, it is the responsibility of Speedbeam and the appropriate state or local public safety answering agency to negotiate the manner in which 911/E911 traffic from Speedbeam will be processed.

4.2.3 Where Windstream is not the 911 provider, it is the responsibility of Speedbeam to connect to the selective router of the PSAP provider. Windstream is not responsible for the routing of Speedbeam's 911 calls.

4.2.4 Speedbeam will not route traffic to Windstream's local end office switches to act as a tandem on Speedbeam's behalf nor will Windstream route traffic to Speedbeam's local end office switches to act as a tandem on Windstream's behalf.

4.2.5 This Agreement is applicable only to Windstream's serving areas. Windstream will not be responsible for interconnections or contracts relating to any of Speedbeam's interconnection with any other Carrier.

5.0 Network Management

5.1 Protective Protocols

Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps on traffic toward each others network, when required to protect the public switched network from congestion due to facility failures, switch congestion or failure or focused overload. The Parties will immediately notify each other of any protective control action planned or executed.

5.2 Expansive Protocols

Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes will not be used to circumvent normal trunk servicing. Expansive controls will only be used when mutually agreed to by the Parties.

5.3 Mass Calling

The Parties shall cooperate and share pre-planning information, where available, regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes, to prevent or mitigate the impact of these events on the public switched network.

6.0 Forecasting/Serviceing Responsibilities

- 6.1 Both Parties agree to provide an initial forecast for establishing the initial interconnection facilities. Subsequent forecasts will be provided on a semi-annual basis.
- 6.2 Windstream shall be responsible for forecasting and servicing the trunk groups terminating to Speedbeam. Speedbeam shall be responsible for forecasting and servicing the trunk groups terminating to Windstream End Users. Standard trunk traffic engineering methods will be used as described in Bell Communications Research, Inc. (Bellcore) document SR-TAP-000191, Trunk Traffic Engineering Concepts and Applications.
- 6.3 The Parties shall both be responsible for efficient planning and utilization of the network and employ all reasonable means of forecasting, monitoring and correcting for inefficient use of the network. The Parties will conduct facility planning meetings to determine initial and subsequent utilization standards subsequent to execution of this Agreement but prior to direct interconnection in accordance with §3.5 of this Appendix preceding.
- 6.4 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

7.0 Trunk Servicing

- 7.1 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by use of an Access Service Request ("ASR") or another industry standard method subsequently adopted by the Parties to replace the ASR for local trunk ordering.

- 7.2 The Parties shall jointly manage the capacity of local Interconnection Trunk Groups. Either Party may send the other Party an ASR to initiate changes to the Local Interconnection Trunk Groups that the ordering Party desires based on the ordering Party's capacity assessment.
- 7.3 Orders that comprise a major project (i.e., new switch deployment) shall be submitted in a timely fashion, and their implementation shall be jointly planned and coordinated.
- 7.4 Each Party shall be responsible for engineering its networks on its side of the IP.
- 7.5 Each Party will provide trained personnel with adequate and compatible test equipment to work with each other's technicians.
- 7.6 The Parties will coordinate and schedule testing activities of their own personnel, and others as applicable, to ensure its interconnection trunks/trunk groups are installed per the interconnection order, meet agreed-upon acceptance test requirements, and are placed in service by the due date.
- 7.7 Each Party will perform sectionalization to determine if a trouble is located in its facility or its portion of the interconnection trunks prior to referring the trouble to each other.
- 7.8 The Parties will advise each other's Control Office if there is an equipment failure, which may affect the interconnection trunks.
- 7.9 Each Party will provide to each other test-line numbers and access to test lines.
- 7.10 The Parties will cooperatively plan and implement coordinated repair procedures for the local interconnection trunks to ensure trouble reports are resolved in a timely and appropriate manner.
- 7.11 A blocking standard of one-half of one percent (.005) during the average busy hour for final trunk groups between an Speedbeam end office and Windstream access tandem carrying meet point traffic shall be maintained. All other final trunk groups are to be engineered with a blocking standard of one percent (.01). Windstream will engineer all interconnection trunks between the Parties to a 6 db of digital pad configuration.

ATTACHMENT 5: INTENTIONALLY LEFT BLANK

ATTACHMENT 6: UNBUNDLED NETWORK ELEMENTS (UNEs)

1.0 Introduction

- 1.1 This Attachment sets forth rates, terms and conditions for Network Elements, subject to facility availability and technical feasibility, that Windstream agrees to offer to Speedbeam in accordance with its obligations under Section 251(c)(3) of the Act. The rates for each Network Element are as set forth in this Attachment Exhibit A: UNE Price List.
 - 1.1.1 UNEs shall only be obtained for the provision of Telecommunications Services, which do not include telecommunications utilized by Speedbeam for its own administrative use.
 - 1.1.2 Speedbeam may not access UNEs for the exclusive provision of Mobile Wireless Services or Interexchange Services.
 - 1.1.2 Speedbeam will request Unbundled Network Elements on the Local Service Request (LSR).
 - 1.1.4 Speedbeam is responsible for paying all monthly recurring charges, non-recurring charges, miscellaneous charges and service order charges pursuant to this Unbundled Network Elements attachment and Agreement.
 - 1.1.5 If it is determined by Speedbeam or Windstream that Speedbeam's access to or use of UNEs is inconsistent with Existing Rules, except due to change of law, Speedbeam has thirty (30) Days to convert such UNEs to alternate service arrangements and Speedbeam is subject to back billing for the difference between rates for the UNEs and rates for the Windstream alternate service arrangements. Speedbeam is also responsible for all non-recurring charges associated with such conversions.
- 1.2 Windstream's sole obligation is to provide and maintain Unbundled Network Elements in accordance with such specifications herein. Windstream DOES NOT WARRANT THAT UNBUNDLED NETWORK ELEMENTS ARE COMPATIBLE WITH ANY SPECIFIC FACILITIES OR EQUIPMENT OR CAN BE USED FOR ANY PARTICULAR PURPOSE OR SERVICE. Transmission characteristics may vary depending on the length of the unbundled local loop and may vary due to characteristics inherent in the physical network. Unbundled Local Loop specifications described in this Agreement apply only to the local loop as defined herein. Windstream, in order to properly maintain and modernize the network, may make necessary modifications and changes to the Network Elements in its network on an as needed basis. Such changes may result in minor changes to transmission parameters.
- 1.3 Unbundled Network Elements may not be used to provide any service that would degrade or otherwise adversely affect Windstream's network services, e.g., introduce harmful voltages or electrical currents in excess of standards used in common industry practice. Windstream will determine the medium over which the Unbundled Local Loop is provisioned to meet the appropriate technical parameters, except that, if Speedbeam requires a specific type of Unbundled Local Loop to meet the technical requirements of a proposed service, Windstream will consider the request on a case-by-case basis.
- 1.4 It is Speedbeam's responsibility to provision and provide E911 Services to its End Users that are provisioned utilizing Windstream's Unbundled Network Elements.
- 1.5 Unbundled Network Elements are only available to Speedbeam for use in its provisioning of local exchange service to its End Users.

- 1.6 Access to the facility or functionality of a network element will be provided separately from access to other elements, and for a separate charge.
- 1.7 Windstream retains duty to maintain, repair, or replace the element.
- 1.8 Each Party is solely responsible for the services it provides to its End Users and to other Telecommunications Carriers.
- 1.9 Network elements provided to Speedbeam under the provisions of this Attachment will remain the property of Windstream.
- 1.10 Installation intervals for Unbundled Network Elements are contained on Windstream's website.
- 1.11 Maintenance and repair is described herein. The repair center contact telephone numbers are provided on Windstream's web site.
- 1.12 In order to maintain and modernize the network properly, Windstream may make necessary modifications and changes to the UNEs in its network on an as needed basis. Such changes may result in minor changes to transmission parameters. Network maintenance and modernization activities will result in UNE transmission parameters that are within transmission limits of the UNE ordered by Speedbeam. Windstream shall provide advance notice of changes that affect network Interoperability pursuant to applicable FCC rules. Changes that affect network Interoperability include changes to local dialing from seven (7) to ten (10) digit, area code splits, and new area code implementation. FCC rules are contained in C.F.R. Parts 51 and 52. Windstream provides such disclosures on an Internet web site.
- 1.13 Recurring and nonrecurring charges apply for Unbundled Network Elements, as provided under Exhibit A.
- 1.14 Miscellaneous Charges apply for miscellaneous services listed below in this Section, if such miscellaneous services are available with Unbundled Network Elements. Miscellaneous services are provided at Speedbeam's request or are provided based on Speedbeam's actions that result in miscellaneous services being provided by Windstream. Miscellaneous Charges are in addition to recurring and nonrecurring charges that apply under this Agreement. When more than one miscellaneous service is requested for the same Unbundled Network Element(s), Miscellaneous Charges for each miscellaneous service apply. Basic rates apply for miscellaneous services provided during Windstream's regular business hours, 8 a.m. to 5 p.m., local time, Monday through Friday, excluding holidays; overtime Miscellaneous Charges apply for such services provided between 5 p.m. and 8 a.m., local time, Monday through Friday, or any time Saturday, excluding holidays; and premium Miscellaneous Charges apply for such services provided any time on Sundays or holidays.
 - a) Additional engineering – engineering work including: 1) additional technical information after Windstream has already provided the technical information normally on the design layout record; 2) customized service; or 3) review of Windstream outside plant records. Basic or overtime rates apply.
 - b) Additional labor – installation – installation work scheduled to be performed outside of Windstream's regular business hours. Overtime or premium rates apply.
 - c) Additional labor - other - work not included in "additional labor – installation" above that involves labor only, including testing and maintenance that are not part of initially requested installation or maintenance, or, for example, for Optional Testing when Speedbeam reports trouble and provides no test results and authorizes Windstream to perform tests on Speedbeam's behalf. Basic, overtime, or premium rates apply.
 - d) Additional cooperative acceptance testing – performing specific tests requested by Speedbeam. Windstream's participation in such testing is subject to the availability of necessary qualified Windstream personnel and test equipment at test locations, which

- normally include the Windstream Central Office and may include Speedbeam's specified location. Tests include, but are not limited to, loop back, attenuation, intermodulation, phase jitter, noise, delay, echo, and frequency shift tests. Basic, overtime, or premium rates apply.
- e) Non-scheduled testing - performing specific tests requested by Speedbeam as described above under "cooperative testing" or "manual testing" on a non-scheduled basis. Tests include, but are not limited to, loss, noise, slope, delay, and echo. Such tests are performed as the result of a repair request and are in addition to tests required to isolate and repair trouble. Basic, overtime, or premium rates apply.
 - f) Cancellation – cancellation of a pending order for the installation of services at any time prior to notification by Windstream that service is available for use. The cancellation date is the date Windstream receives notice from Speedbeam that the order is cancelled. If Speedbeam or Speedbeam's End User Customer is unable to accept service within thirty (30) Days after the original Due Date, the order will be cancelled by Windstream. Prices for this miscellaneous service are market-based, using Windstream's Tariffed, cataloged, price listed, or other similarly documented prices, and are subject to change. Additional information concerning the application of prices for cancellations can be found in Windstream's Tariff FCC No. 3.
 - g) Design change – information provided by Speedbeam or a request from Speedbeam that results in an engineering review and/or a design change to service on a pending service order, per order, per occurrence. Design changes include, but are not limited to: 1) changes to the address on a pending service order when the new address is in the same Windstream Wire Center as the original address; or 2) conversions from an Unbundled Network Element to a private line/Special Access circuit. In addition to a design change Miscellaneous Charge, an address change may result in the application of an expedite Miscellaneous Charge in order to retain the original Due Date. Prices for this miscellaneous service are market-based, using Windstream's Tariffed, cataloged, price listed, or other similarly documented prices, and are subject to change.
 - h) Dispatch – 1) information provided by Speedbeam, or a request from Speedbeam, in relation to installation of services, resulting in dispatch of a Windstream technician(s) when dispatch is not required for Windstream to complete its installation work; 2) information provided by Speedbeam resulting in dispatch, or a request from Speedbeam for dispatch, of a Windstream technician(s) in relation to a repair request where no trouble is found in Windstream's facilities; and 3) a Windstream technician(s) is dispatched and Speedbeam or Speedbeam's End User Customer is not available or ready. Prices for this miscellaneous service are market-based, using Windstream's Tariffed, cataloged, price listed, or other similarly documented prices, and are subject to change.
 - i) Expedite – a Due Date that reflects a shorter service interval than is available in Windstream's Service Interval Guide; or that is a request for an earlier Due Date than has been established on a pending order; or that is required to meet a Due Date on a pending order due to design or other changes submitted by Speedbeam. Windstream will accommodate Speedbeam's request for an expedited installation if it can do so without delaying Due Dates or orders of other CLECs or End User Customers. Charges for expedited installations are in addition to nonrecurring charges for the service ordered. Prices for this miscellaneous service are market-based, using Windstream's Tariffed, cataloged, price listed, or other similarly documented prices, and are subject to change.
 - j) Maintenance of Service/Trouble Isolation – work performed by Windstream when Speedbeam reports trouble to Windstream and no trouble is found in Windstream's facilities. Speedbeam is responsible for payment of charges when the trouble is in equipment or systems provided by a party(ies) other than Windstream. Additionally, when Speedbeam reports trouble within a quantity of services and circuits, but fails to identify the specific service and circuit experiencing trouble, charges apply for the time spent by Windstream to isolate the trouble. A call-out of Windstream technician at a time not consecutive with that technician's scheduled work period is subject to a minimum charge of four (4) hours. Failure of Windstream personnel to find trouble in Windstream facilities will result in no charge if the trouble is subsequently found in those facilities. Charges apply per Windstream technician, from the time of dispatch until the work is complete. Trouble Isolation Charges (TIC) apply

for trouble isolation work on POTS and Maintenance of Service charges apply for trouble isolation work on other services. Dispatch Miscellaneous Charges may apply in addition to Maintenance of Service charges or TIC. Basic, overtime, or premium rates apply. Prices for this miscellaneous service are market-based, using Windstream's Tariffed, cataloged, price listed, or other similarly documented prices, and are subject to change.

- 1.15 Expedite requests for designed Unbundled Network Elements are allowed. Expedites are requests for intervals that are shorter than the interval defined in Windstream's website or Individual Case Basis (ICB) Due Dates.

1.15.1 Speedbeam will request an expedite for designed Unbundled Network Elements, including an expedited Due Date, on the Local Service Request (LSR).

2.0 Unbundled Loops

- 2.1 The loop is a transmission path on which a subscriber's traffic is carried from the Main Distribution Frame or similar terminating device in a Windstream central office, in the local exchange, up to the termination at the Network Interface Device (NID) at the Customer's premise. Each unbundled loop will be provisioned with a NID.

- 2.2 Unbundled Local Loop Service will be available on an unbundled basis, first-come first-served, and subject to the availability of Windstream facilities.

- 2.3 Windstream will provide, subject to facility availability and technical feasibility, the following at the rates, terms, and conditions outlined in this Agreement and Exhibit A: UNE Price List.

2.3.1 2-Wire Analog

2.3.2 2-Wire Digital

2.3.3 DS1

2.3.3.1 DS1 Loop Caps. Windstream is not obligated to provide Speedbeam more than ten (10) DS1 unbundled loops to any single building (the "DS1 Cap"). Accordingly, Speedbeam will cease ordering DS1 unbundled loops once Speedbeam has obtained ten (10) DS1 unbundled loops at the same building. If, notwithstanding this Section, Speedbeam submits such an order, at Windstream's option it may accept the order, but convert any requested DS1 unbundled loop(s) in excess of the cap to Special Access and any applicable Special Access charges will apply to Speedbeam for such DS1 loop(s) as of the date of provisioning.

2.3.3.2 Windstream will provide written notice to Speedbeam in the event Speedbeam currently has more than ten (10) DS1 unbundled loops to any single building. Within thirty (30) calendar days from the date of such notice, Speedbeam will submit requests to disconnect or convert to Special Access the unbundled loops exceeding the DS1 Cap. All unbundled loops converted to Special Access will be billed applicable Special Access charges as listed in the appropriate Windstream tariffs.

- 2.4 The provisioning of service to a Customer will require cross-office cabling and cross-connections within the central office to connect the loop to transmission equipment in co-located space.

- 2.5 Speedbeam will be responsible for testing and isolating network failures. Once Speedbeam has isolated a trouble to the Windstream provided loop, Speedbeam will issue a trouble report to Windstream on the loop. Windstream will take the actions necessary to repair the loop if a trouble actually exists.
- 2.6 If Speedbeam reports a trouble on a loop and no trouble actually exists, Windstream will charge Speedbeam for any dispatching and testing, (both inside and outside the central office) required by Windstream in order to confirm the loop's working status.
- 2.7 Where Windstream uses Integrated Digital Loop Carrier (IDLCs) systems to provide the local loop and Windstream has an alternate facility available, Windstream will make alternative arrangements to permit Speedbeam to order a contiguous unbundled local loop. To the extent it is technically feasible, these arrangements will provide Speedbeam with the capability to serve End Users at the same level Windstream provides its Customers. If no alternate facility is available then Speedbeam can use the Bona Fide Request (BFR) process, specified in Attachment 19, to request that Windstream place facilities in order to meet Speedbeam's loop requirements. Standard Loop intervals shall not apply to the BFR process.
- 2.8 In addition to any liability provisions in this Agreement, Windstream does not guarantee or make any warranty with respect to unbundled local loops when used in an explosive atmosphere. Speedbeam will indemnify, defend and hold Windstream harmless from any and all claims by any person relating to Speedbeam's or Speedbeam End User's use of unbundled loops in an explosive atmosphere.
- 2.9 Windstream agrees that upon receiving an LSR from Speedbeam for any Customer of Windstream who wishes to disconnect its service and receive Speedbeam's service, the cut-over shall be completed within the intervals set forth in Attachment 18: Performance Measures. Speedbeam may request a coordinated cut-over between the Parties to avoid breaks in service to the Customer. Such coordinated cut-over shall be subject to the prices set forth in Exhibit A: UNE Price List and the intervals set forth in Attachment 18: Performance Measures.

3.0 Network Interface Device (NID)

- 3.1 The Windstream NID is defined as any means of Interconnection of Customer on-premises wiring and Windstream's distribution plant, such as a cross connect device used for that purpose. Specifically, the NID is a single line termination device or that portion of a multiple line termination device required to terminate a single line or circuit at a premises. If Speedbeam seeks to access a NID, it may do so only pursuant to Section 3. If Speedbeam seeks to access a NID, it may only do so pursuant to this Section 3. Windstream shall permit Speedbeam to connect its own Loop facilities to on-premises wiring through Windstream's NID, or at any other Technically Feasible point. The NID carries with it all features, functions and capabilities of the facilities used to connect the Loop distribution plant to the End User Customer's premises wiring, including access to the Cross Connection field, regardless of the particular design of the NID mechanism. Although the NID provides the connection to the End User Customer's premises wiring, it may not represent the Demarcation Point where Windstream ownership or control of the intra-premises wiring ends. The NID contains a protective ground connection that protects the End User Customer's on-premises wiring against lightning and other high voltage surges and is capable of terminating media such as twisted pair cable. The NID is offered in the following varieties:
- 3.1.1 Simple NID - The modular NID is divided into two (2) components, one containing the over-voltage unit (protector) and the other containing the End User Customer's on-premises inside wiring termination, and a modular plug which connects the inside wire to the distribution plant or dial tone source. The non-modular NID is a protector block with the inside wire terminated directly on the distribution facilities.

- 3.1.2 Simple Multi-Tenant (MTE) NID - The MTE NID is divided into two (2) functional components: one containing the over-voltage unit (protector) and the other containing the terminations of the on-premises inside wiring. Such devices contain the protectors for, and may be located externally or internally to the premises served.
- 3.1.3 Smart NID – Windstream does not currently deploy “smart” NIDs, and prior to Carrier’s use of any “smart” NID Windstream may deploy in the future, the Parties must first agree to a price. To the extent Windstream deploys “smart” devices in the future, in general meaning a terminating device that permits the service provider to isolate the Loop facility from the premises wiring for testing purposes, and such devices have spare functioning capacity not currently used by Windstream or any other provider, Windstream shall provide unbundled access to such devices. Windstream shall also continue to allow Delcom, at its option, to use all features and functionality of the Windstream NID including any protection mechanisms, test capabilities, or any other capabilities now existing or as they may exist in the future regardless of whether or not Delcom terminates its own distribution facility on the NID.
- 3.2 Terms and Conditions
- 3.2.1 Speedbeam may use the existing Windstream NID to terminate its drop if space permits, otherwise a new NID or other Technically Feasible Interconnection point is required. If Speedbeam installs its own NID, Speedbeam may connect its NID to the Windstream NID by placing a cross connect between the two. When Provisioning a NID-to-NID connection, Speedbeam will isolate the Windstream facility in the NID by unplugging the modular unit. If Speedbeam requires that a non-modular unit be replaced with a modular NID, Windstream will perform the replacement for the charge described in Section 3.3.1. If Speedbeam is a facilities-based provider up to and including its NID, the Windstream facility currently in place, including the NID, will remain in place.
- 3.2.1.1 Windstream shall allow Speedbeam to connect its Loops directly to the NID field containing the terminations of the on-premises inside wiring not owned or controlled by Windstream, without restriction. Where Windstream does not own or control the on-premises inside wiring, Speedbeam and the landowner shall determine procedures for such access.
- 3.2.1.2 Windstream shall allow Speedbeam to use all features and functionality of the Windstream NID including any protection mechanisms, test capabilities, or any other capabilities now existing or as they may exist in the future.
- 3.2.1.3 Pursuant to generally acceptable work practices, and provided the inside wire re-termination is required to meet service requirements of either Parties' End User Customer, either Party may remove the inside wire from the NID and connect that wire to that Party's own NID. Future installation of Windstream NIDs will be such that it will not unnecessarily impede access to the End User Customer's wiring.
- 3.2.1.4 Speedbeam may enter the subscriber access chamber or End User Customer side of a dual chamber NID enclosure for the purpose of NID-to-NID connections.
- 3.2.1.5 Upon Speedbeam request, Windstream will make other rearrangements to the inside wire terminations or terminal enclosure. Charges will be assessed per Section 3.3.4. No such charge shall be applicable if Windstream initiates the rearrangement of such terminations. In all such instances, rearrangements shall be performed in a non-discriminatory fashion and timeframe and without an End User Customer's perceivable disruption in service. Windstream will not make any rearrangements of wiring that is provided by another Carrier that relocates

the other Carrier's test access point without notifying the affected Carrier promptly after such rearrangement if Speedbeam has properly labeled its cross connect wires.

- 3.2.2 Windstream will retain sole ownership of the Windstream NID and its contents on Windstream's side. Windstream is not required to proactively conduct NID change-outs, on a wide scale basis. At Speedbeam's request, Windstream will change the NID on an individual request basis by Speedbeam and charges will be assessed per Section 3.3.5 except where Section 3.5.1 applies. Windstream is not required to inventory NID locations on behalf of Speedbeam.
- 3.2.3 When Speedbeam accesses a Windstream NID, it shall employ generally accepted best engineering practices and comply with industry standards should such standards exist when it physically connects its NID (or equivalent) to the Windstream NID and makes Cross Connections necessary to provide service. At MTE NIDs, Speedbeam shall clearly label the cross connect wires it uses to provide service. Windstream shall label its terminals when a technician is dispatched.
- 3.2.4 All services fed through a protector field in a Windstream NID located inside a building will interface on an industry standard termination block and then extend, via a Cross Connection to the End User Customer's in-premises wiring. All services fed through a protector field in a Windstream NID that is attached to a building will interface on industry standard lugs or a binding post type of termination and then extend, via a Cross Connection, to the End User Customer's on-premises wiring.
- 3.2.5 If so requested by Speedbeam, Windstream shall allow Speedbeam to connect its Loops directly to the protector field at Windstream NIDs that have unused protectors and are not used by Windstream or any other Telecommunications Carrier to provide service to the premises. If Speedbeam accesses the Windstream protector field, it shall do so on the distribution side of the protector field only where spare protector capacity exists. In such cases, Speedbeam shall only access a Windstream NID protector field in cable increments appropriate to the NID. If twenty-five (25) or more metallic cable pairs are simultaneously terminated at the MTE NID, additions must be in increments of twenty-five (25) additional metallic pairs. In all cases, Telecommunications cables entering a Windstream NID must be terminated in compliance with FCC 88-57, section 315 of the National Electric Safety Code and section 800.30 of the National Electric Code.

3.3 Rate Elements

Exhibit A provides recurring and nonrecurring rates for access or modifications to an existing NID, and Exhibit A also provides Miscellaneous Charges.

- 3.3.1 If Speedbeam requests the current simple NID be replaced with a different simple NID, pursuant to Section 3.2.1, additional labor – other Miscellaneous Charges will be assessed with Speedbeam paying only for the portion of the change-out that is specific to and for the functionality that supports Speedbeam requirements.
- 3.3.2 Recurring rates apply for unbundled access to the protector field in a Windstream NID, pursuant to Section 3.2.5.
- 3.3.3 When Speedbeam requests that Windstream perform the work to connect its NID to the Windstream NID, the costs associated with Windstream performing such work will be charged to Speedbeam as additional labor – other Miscellaneous Charges.

- 3.3.4 When Windstream makes rearrangements to the inside wire terminations or terminal enclosure pursuant to Section 3.2.1.5, charges will be assessed as additional labor – other Miscellaneous Charges.
- 3.3.5 Speedbeam will be charged for any change-out Windstream performs pursuant to Section 3.2.2. Speedbeam will be billed only for the portion of the change-out that is specific to Speedbeam's request for modified/additional capacity. Charges will be assessed as additional labor – other Miscellaneous Charges.
- 3.4 Ordering Process
 - 3.4.1 Speedbeam may access a MTE NID after determining that the terminal in question is a NID, per the process identified in Section 3. If the terminal is a NID and Speedbeam wishes to access the End User Customer field of the NID, no additional verification is needed by Windstream. Speedbeam shall tag its jumper wire.
 - 3.4.1.1 When Speedbeam seeks to connect to a cross connect field other than to the End User Customer field of the NID, Speedbeam shall submit a LSR for connection to the NID. Windstream shall notify Speedbeam, within ten (10) business days, if the connection is not Technically Feasible. In such cases, Windstream shall inform Speedbeam of the basis for its claim of technical infeasibility and, at the same time, identify all alternative points of connection that Windstream would support. Speedbeam shall have the option of employing the alternative terminal or disputing the claim of technical infeasibility pursuant to the Dispute Resolution provisions of this Agreement. No additional verification is needed by Windstream and Speedbeam shall tag its jumper wire.
 - 3.4.2 Subject to the terms of Section 3.4.1, Speedbeam may perform a NID-to-NID connection, according to Section 3.1.3, and access the End User Customer field of the NID by submitting a LSR. Speedbeam may access the protector field of the NID by submitting a LSR.
- 3.5 Maintenance and Repair
 - 3.5.1 If Windstream is dispatched to an End User Customer's location on a maintenance issue and finds the NID, facilities and lines have been removed from the protector field or damaged by Speedbeam, Speedbeam will be responsible for all costs associated with returning the NID, facilities and lines back to their original state. This work is billed to Speedbeam as additional labor – other Miscellaneous Charges.

4.0 Cross-Connects

- 4.1 The provisioning of a Loop to Windstream's collocation space will require cross-office cabling and cross-connections within the central office to connect the Loop to a local switch or to other transmission equipment. These cross-connects are separate components that are not considered a part of the Loop, and thus, have a separate charge pursuant to the Collocation Price List.

5.0 Provisioning/Maintenance of Network Elements on an Unbundled Basis

- 5.1 Subject to the terms herein, Windstream is responsible only for the installation, operation and maintenance of the Network Elements it provides. Windstream is not otherwise responsible for the Telecommunications Services provided by Speedbeam through the use of those elements.

- 5.2 Where unbundled network elements provided to Speedbeam are dedicated to a single End User, if such elements are for any reason disconnected, they will be made available to Windstream for future provisioning needs, unless such element is disconnected in error. Speedbeam agrees to relinquish control of any such unbundled network element concurrent with the disconnection of Speedbeam's End User's service.
- 5.3 The elements provided pursuant to this Attachment will be available to Windstream at times mutually agreed upon in order to permit Windstream to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. No credit will be allowed for any interruptions involved during such tests and adjustments.
- 5.4 Speedbeam's use of any Windstream unbundled network element, or of its own equipment or facilities in conjunction with any Windstream network element, will not materially interfere with or impair service over any facilities of Windstream, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, Windstream may discontinue or refuse service if Speedbeam violates this provision, provided that such termination of service will be limited to Speedbeam's use of the element(s) causing the violation.
- 5.5 When a Windstream provided tariffed or resold service is replaced by an Speedbeam facility based service using any Windstream provided unbundled network elements (including service provided exclusively via Windstream provided UNE), both the disconnect order and the new connect order will be issued by Speedbeam. A service order charge on the requested network elements will be assessed. Similarly, when an End User is served by one local service provider using Windstream provided UNE is converted to Speedbeam's service which also uses a Windstream provided UNE, a disconnect order will be issued by Windstream (with an appropriate service order charge being generated to Speedbeam) of the existing UNE and a new connect order will be issued by Speedbeam (with an appropriate service order charge being generated to Speedbeam) of the new UNE.
- 5.6 Speedbeam will connect equipment and facilities that are compatible with the Windstream Network Elements and will use Network Elements in accordance with the applicable regulatory standards and requirements.
- 5.7 Unbundled Network Elements may not be connected to or combined with Windstream access services or other Windstream tariffed service offerings.
- 5.8 Speedbeam is responsible for submitting a Local Service Request ("LSR") to Windstream for installation, disconnection, rearrangement, changes to or record orders for unbundled network elements. The applicable service order charges and UNE charges will apply pursuant to Exhibit A: UNE Price List.

6.0 Maintenance of Elements

- 6.1 The network elements provided by Windstream pursuant to this Attachment will be maintained by Windstream. Speedbeam or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by Windstream, other than by connection or disconnection to any interface means used, except with the written consent of Windstream.
- 6.2 If trouble occurs with unbundled network elements provided by Windstream, Speedbeam will first determine whether the trouble is in Speedbeam's own equipment and/or facilities or those of the End User. If Speedbeam determines the trouble is in Windstream's equipment and/or facilities, Speedbeam will issue a trouble report to Windstream via Windstream Express.

- 6.3 Speedbeam will pay Time and Material charges when Speedbeam reports a suspected failure of a network element and Windstream dispatches personnel to the End User's premises or a Windstream central office and trouble was not caused by Windstream's facilities or equipment. Time and Material charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.
- 6.4 Speedbeam will pay Time and Material charges when Windstream dispatches personnel and the trouble is in equipment or communications systems provided an entity by other than Windstream or in detariffed CPE (Customer Provider Equipment) provided by Windstream, unless covered under a separate maintenance Agreement.
- 6.5 If Speedbeam issues a trouble report allowing Windstream access to the End User's premises and Windstream personnel are dispatched but denied access to the premises, then Time and Material charges will apply for the period of time that Windstream personnel are dispatched. Subsequently, if Windstream personnel are allowed access to the premises, the charges discussed herein will still apply.
- 6.6 Time and Material charges apply on a half-hour basis. If more than one technician is necessary in accordance with Windstream standard practices and is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is work-related efforts of Windstream performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts of Windstream performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work related efforts of Windstream performed other than on a normally scheduled workday.
- 6.7 If Speedbeam requests or approves a Windstream technician to perform services in excess of or not otherwise contemplated by the nonrecurring charges herein, Speedbeam will pay for any additional work to perform such services, including requests for installation or conversion outside of normally scheduled working hours.

7.0 Performance of Network Elements

- 7.1 Access to Network Elements provided by Windstream to Speedbeam will meet applicable regulatory performance standards and be at least equal in quality and performance as that which Windstream provides to itself. Speedbeam may request, and Windstream will provide, to the extent technically feasible, access to Network Elements that is lesser quality than Windstream provides to itself and such service will be requested pursuant to the Bona Fide Request process.
- 7.2 Nothing in this Attachment will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any such upgrades in its network which will materially impact the other Party's service consistent with the timelines established by the FCC in the Second Report and Order, CC Docket 96-98. Speedbeam will be solely responsible, at its own expense, for the overall design of its telecommunications services and for any redesigning or rearrangement of its telecommunications services which may be required because of changes in facilities, operations or procedure of Windstream, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

8.0 Pricing

- 8.1 Exhibit A: UNE Price List is a schedule which reflects the prices at which Windstream agrees to furnish Unbundled Network Elements and associated ancillary items to Speedbeam. Speedbeam agrees to compensate Windstream for unbundled Network elements at the rates contained in this Exhibit.
- 8.2 For any rate element and/or charge contained in or referenced to in this Attachment that are not listed in the pricing, including Bona Fide Requests, the rate for the specific service or function will be as set forth in the applicable Windstream tariff.
- 8.3 Windstream will render a monthly bill for Network Elements provided hereunder. Remittance in full will be due within thirty (30) days of receipt of invoice. Interest will apply on overdue amounts.
- 8.4 Windstream will recover the costs of modifying its outside plant facilities for Speedbeam space requirements. These costs will be recovered via the Bona Fide Request process described herein.

8.5 Recurring Charges

- 8.5.1 Unless otherwise listed below, where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum service period for elements provided under the Bona Fide Request process might be longer.
- 8.5.2 Where rates will be based on minutes of use, usage will be accumulated at the end office and rounded to the next higher minute. Speedbeam will pay for all usage on such calls including those that are not completed due to busy or don't answer conditions
- 8.5.3 Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, Windstream will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4. When the calculation results in a fraction of a mile, Windstream will round up to the next whole mile before determining the mileage and applying rates.

8.6 Non-Recurring Charges

- 8.6.1 Speedbeam will pay a non-recurring charge when Speedbeam adds or removes a signaling point code. This charge also applies to point code information provided by Speedbeam allowing other telecommunications providers to use Speedbeam's SS7 signaling network.
- 8.6.2 A service order processing charge (Service Order Charge), listed in Exhibit A: UNE Price List, will be applied to each service order issued by Speedbeam for Windstream to process a request for installation, disconnection, rearrangement, changes to or record orders for unbundled network elements.
- 8.6.3 Speedbeam will pay non-recurring charges in accordance with the applicable Time and Material Charges, as contained in Exhibit A: UNE Price List, when Speedbeam requests a coordinated cut-over.

Exhibit A: UNE Price List

	Monthly Recurring Charges	Non-Recurring Charges	
	WINDSTREAM KENTUCKY EAST, LLC	WINDSTREAM KENTUCKY EAST, LLC	
		Initial	Additional
<u>Unbundled Loops (Excludes NID)</u>			
2-Wire Analog	\$22.23	\$39.06	\$39.06
2-Wire Digital	\$26.76	\$39.06	\$39.06
DS-1	\$106.77	\$78.12	\$78.12
<u>Cross Connect</u>			
2/4 Wire	\$0.27	\$91.74	\$91.74
DS1	\$3.56	\$174.11	\$174.11
<u>Network Interface Device (NID)</u>			
Simple NID – 6 lines or less	\$1.35	\$11.46	\$11.46
Smart NID	TBD	TBD	TBD
<u>Service Order Charges</u>			
New Service		\$22.39	\$22.39
Change		\$17.44	\$17.44
Disconnect		\$12.26	\$12.26
Expedite		21.76	\$21.76
Manual Service Order Charges (*In Addition to the applicable service order charge.)		\$8.07*	\$8.07*
<u>Maintenance of Service Charges</u>			
Basic Time per half (1/2) hour		\$45.00	\$45.00
Overtime per half (1/2) hour		\$62.50	\$62.50
Premium Time per half (1/2) hour		\$85.00	\$85.00
<u>Time and Material Charges</u>			
Basic Time per half (1/2) hour		\$45.00	\$45.00
Overtime per half (1/2) hour		\$62.50	\$62.50
Premium Time per half (1/2) hour		\$85.00	\$85.00
<u>Coordinated Cut-Over Charges</u>			
Basic Time per half (1/2) hour		\$45.00	\$45.00
Overtime per half (1/2) hour		\$62.50	\$62.50
Premium Time per half (1/2) hour		\$85.00	\$85.00

ATTACHMENT 7: PHYSICAL COLLOCATION

Windstream shall provide to Speedbeam, in accordance with this Agreement (including, but not limited to, Windstream's Intrastrate Access Tariff) and the requirements of federal law as it applies to local service, Collocation for the purpose of facilitating Speedbeam's interconnection with facilities or services of Windstream or access to Unbundled Network Elements of Windstream; provided, that notwithstanding any other provision of this Agreement, Windstream shall be obligated to provide Collocation to Speedbeam only to the extent required by federal law as it applies to local service and may decline to provide Collocation to Speedbeam to the extent that provision of Collocation is not required by federal law as it applies to local service. Subject to the foregoing, Windstream shall provide Collocation to Speedbeam in accordance with the rates, terms and conditions set forth in Windstream's Intrastrate Access Tariff.

ATTACHMENT 8: INTENTIONALLY LEFT BLANK

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ATTACHMENT 12: COMPENSATION

1.0 Introduction

- 1.1 For purposes of compensation under this Agreement, the traffic exchanged between the Parties will be classified as one of six types: Local Traffic, ISP Bound Traffic, IntraLATA Interexchange Traffic, InterLATA Interexchange Traffic, Transit Traffic or Toll VOIP Traffic. The Parties agree that, notwithstanding the classification of traffic by Speedbeam with respect to its End Users, the classification of traffic provided in this Agreement shall control with respect to compensation between the Parties under the terms of this Agreement. The provisions of this Attachment shall not apply to services provisioned by Windstream to Speedbeam as local Resale Services.
- 1.2 Calls originated by Speedbeam and terminated to Windstream (or vice versa) will be classified as "Local Traffic" under this Agreement if: (i) the call originates and terminates in the same Windstream Exchange; or (ii) originates and terminates within different Windstream Exchanges that share a common mandatory local calling area, e.g., mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes as specified or defined by Windstream tariffs. ISP Bound Traffic is not included in the compensation of Local Traffic. The terms "originate" and "terminate" refer to the end points of the call, regardless of the classification of the Party's End User.
- 1.3 The Parties agree to reciprocally exchange ISP Bound Traffic between their networks. Each Party shall bill its end-users for such ISP Bound Traffic and will be entitled to retain all revenues from such ISP Bound Traffic without payment or further compensation to the other Party.
- 1.4 Traffic, other than ISP Bound Traffic and Local Traffic, shall be terminated to a Party subject to that Party's tariffed access charges.
- 1.5 The Parties agree that all traffic, other than ISP Bound Traffic, Local Traffic and Toll VoIP, that is terminated on the public switched network, regardless of the technology used to originate or transport such traffic, will be assessed either interstate or intrastate (depending on the end points of the call) terminating charges at the rates provided in the terminating Party's access tariff.

2.0 Responsibilities of the Parties

- 2.1 Each Party will be responsible for the accuracy and quality of the data it submits to the other Party.
- 2.2 Each Party will provide the other Party the originating Calling Party Number (CPN) with respect to each call terminated on the other Party's network to enable each Party to issue bills in a complete and timely fashion. All CCS signaling parameters will be provided including CPN.
- 2.3 Neither Party shall strip, modify or alter any of the data signaling or billing information provided to the other Party. In the event a Party strips, modifies or alters any of the data signaled or strips, modifies or alters any of the billing information provided to the other Party, such event will be a material breach of this Agreement.
- 2.4 Each Party shall identify and make available to the other Party, at no additional charge, a contact person for the handling of any billing questions or problems that may arise during the implementation and performance of this Attachment.
- 2.5 All calls exchanged without CPN will be billed as IntraLATA Interexchange Traffic, if the failure to transmit CPN is not caused by technical malfunctions. In the event that technical malfunctions

result in lack of transmission of CPN, the Parties will cooperate in attempting to resolve such technical malfunctions and the Parties will develop and utilize mutually agreeable surrogate methods for determining compensation that shall be utilized until the technical malfunctions are resolved.

3.0 Reciprocal Compensation for Termination of Local Traffic

- 3.1 Each Party will be compensated for the exchange of Local Traffic, as defined in §1.2 of this Attachment, in accordance with the provisions of §3.0.
- 3.2 The Parties agree to reciprocally exchange Local Traffic between their networks. Each Party shall bill its end-users for such traffic and will be entitled to retain all revenues from such traffic without payment of further compensation to the other Party.
- 3.3 Any traffic utilizing the Public Switched Telephone Network, regardless of transport protocol method, where the originating and terminating points (end-to-end points), are in different local calling areas as defined by the terminating Party and delivered to the terminating Party using switched access services shall be considered Switched Access Traffic. The traffic described herein shall not be considered Local Traffic. Irrespective of origination or transport protocol method used, a call that originates in one local calling area and terminates in another local calling area (i.e. the end-to-end points of the call) shall not be compensated as Local Traffic.

4.0 Compensation for Transit Traffic

- 4.1 Windstream shall provide tandem switching and transport services for Speedbeam-originated Transit Traffic where Windstream has agreed to provide Transit Traffic Services. Windstream shall bill Speedbeam for Transit Traffic originated by Speedbeam at the rates as set forth in Appendix B: Price List. The Parties agree that Transit Traffic Services are not a 251 requirement pursuant to federal law and are voluntarily being provided by Windstream to Speedbeam.
- 4.2 Windstream agrees to provide, where available, industry standard Exchange Message Interface (EMI) call detail records associated with Transit Traffic sufficient for billing purposes within forty-five (45) days after such usage occurs. So long as Speedbeam routes its Transit Traffic destined for Third Party Terminating Carriers in accordance with the LERG and this Agreement, Windstream agrees to deliver Speedbeam-originated Transit Traffic to the Third Party Terminating Carriers to the extent the Third Party Terminating Carriers are interconnected with Windstream's tandem and Windstream is not prohibited from delivering such traffic to such Third Party Terminating Carriers. So long as Third Party Originating Carriers properly route their Transit Traffic destined for Speedbeam in accordance with the LERG and in accordance with terms and conditions of an applicable Windstream tariff or a written agreement with Windstream for Transit Traffic Service, Windstream agrees to deliver Transit Traffic originated by a Third Party Originating Carrier to Speedbeam.

Notwithstanding the foregoing, Speedbeam and any third parties are responsible for negotiating and executing any appropriate contractual arrangements between themselves for the exchange of Transit Traffic through the Windstream network. Windstream will not be liable for any compensation to the Third Party Terminating Carriers for Speedbeam-originated Transit Traffic. Windstream will not be liable for any compensation to Speedbeam for Transit Traffic received by Windstream from Third Party Originating Carriers. Amounts that the Speedbeam bills to Windstream under other agreements shall not include any minutes of use for Transit Traffic.

The existing interconnection facilities between Speedbeam and Windstream may not be utilized by the Parties for the routing of Transit Traffic. Separate transit facilities must be established for the

routing of transit traffic. Speedbeam will pay 100% of the facility costs used for the routing of Transit Traffic. Speedbeam originated traffic terminating to a Windstream retail customer may not be routed on the Transit Facility.

- 4.3 Windstream will provide Speedbeam call detail records upon election, as identified below, to receive these records on a once per month transmission from Windstream.

Speedbeam Requests Windstream to Provide Call Detail Records: X
Speedbeam Requests Windstream to Not Provide Call Detail Records:

- 4.4 When Speedbeam requests Windstream to provide call detail records for billing to the originating third party, Speedbeam agrees to pay Windstream a one time charge, as identified in Appendix B: Price List, for the all system modifications required to provide these records. This one time charge will be billed to Speedbeam on the initial bill containing Transit Traffic Service. Speedbeam agrees not to dispute this charge when billed.
- 4.5 When Speedbeam requests Windstream to provide call detail records, Windstream shall provide industry standard call detail records to Speedbeam as the terminating carrier for Third Party Originating Transit Traffic that Windstream delivers to Speedbeam, for billing purposes. Windstream shall not be liable for any compensation to Speedbeam or any Third Party Originating Carrier Transit Traffic service. Speedbeam is solely responsible for negotiating and executing any appropriate contractual arrangements with the third party carrier for the exchange of Third Party Originating Carrier Transit Traffic through the Windstream network.
- 4.6 When Speedbeam requests Windstream to provide call detail records, Windstream will provide these call detail records one time each month for each Windstream operating company to Speedbeam at no charge. If Speedbeam requests additional copies of these call detail records, Speedbeam will pay Windstream a per record charge as listed in Appendix B: Price List. This per record charge will be billed to Speedbeam on the next bill containing Transit Traffic Service.
- 4.7 Prior to either Party providing transit traffic services to the other, the Party requesting transit service must provide notice to the other Party.
- 4.8 All traffic, other than Local Traffic, that transits a tandem will be classified and treated as Meet-Point Billing Traffic, unless otherwise agreed in writing between the Parties.

5.0 Compensation for Termination of IntraLATA Traffic, Interstate Interexchange Traffic and Toll VOIP Traffic

- 5.1 Compensation for termination of intrastate Interexchange service traffic will be at the terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge and the query charge, as set forth in the relevant Party's intrastate access service tariff or price list. Compensation for termination of interstate Interexchange traffic will be at the terminating access rates for MTS and originating access rates for 800 Service including the CCL and query charge, as set forth in the relevant Party's interstate access service tariff. Compensation for termination of Toll VOIP Traffic will be at the terminating access rates as set forth in the relevant Party's interstate access service tariffs.
- 5.2 In the event that Speedbeam does not have a filed IntraLATA Interexchange tariff for access service, Speedbeam agrees to utilize rates that do not exceed Windstream's tariffed access rates.

6.0 Compensation for Origination and Termination of Switched Access Service Traffic to or from an IXC (Meet-Point Billing (MPB) Arrangements)

- 6.1 Compensation for termination of interstate InterLATA intercompany traffic will be at access rates as set forth in the relevant Party's applicable interstate access tariffs.
- 6.2 In the event that Speedbeam does not have a filed IntraLATA Interexchange tariff or price list for access service, Speedbeam will utilize rates that do not exceed Windstream's tariffed access rates.
- 6.3 The Parties will each establish their respective MPB arrangements applicable to its provision of switched access services to Interexchange Carriers via its access tandem switch and such arrangements will be in accordance with the MPB guidelines adopted by and contained in the Ordering and Billing Forum's MECOD and MECAB documents. Except as modified herein, MPB arrangements will be determined during joint network planning.
- 6.4 Each Party will maintain provisions in its federal and state access tariffs, or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect the MPB arrangements, including MPB percentages, developed in accordance with this Agreement.
- 6.5 As detailed in the MECAB document, the Parties will exchange all information necessary to accurately, reliably and promptly bill third parties for Switched Access Services jointly handled by the Parties via the MPB arrangement. The Parties will exchange the information in Exchange Message Interface (EMI) format, on magnetic tape or via a mutually acceptable electronic file transfer protocol. The initial billing company (IBC) will provide the information to the subsequent billing company within ten (10) days of the IBC bill date. A Party that fails to deliver the billing data will be liable to the other for the amount of associated unbillable charges, if any.
- 6.6 If MPB data is not submitted to the other within ten (10) days of the IBC bill date or is not in the standard EMI format, and if as a result the other Party is delayed in billing the IXC for the appropriate charges it incurs, the delaying Party shall pay the other Party a late MPB data delivery charge which will be the total amount of the delayed charges times 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 date the MPB charges should have been received, to and including the date the MPB charge information is actually received. When the receiving Party has requested a delay in transmission of the records, a MPB data delivery charge will not be assessed.
- 6.7 Windstream and Speedbeam will coordinate and exchange the billing account reference ("BAR") and billing account cross reference ("BACR") numbers for the MPB arrangements described in this Agreement. Each Party will notify the other if the level of billing or other BAR/BACR elements change and results in a new BAR/BACR number.
- 6.8 Billing to Interexchange carriers for the switched access services jointly provided by the Parties via the MPB arrangement will be according to the multiple bill multiple tariff method. As described in the MECAB document, each Party will render a bill in accordance with its tariff for its portion of the service. Each Party will bill its own network access service rates to the IXC. The Party that provides the end office switching will be entitled to bill any residual interconnection charges ("RIC") and common carrier line ("CCL") charges associated with the traffic. In those MPB situations where one Party sub-tends the other Party's access tandem, only the Party providing the access tandem is entitled to bill the access tandem fee and any associated local transport charges. The Party that provides the end office switching is entitled to bill end office switching fees, local transport charges, RIC and CCL charges, as applicable.
- 6.9 MPB will also apply to all jointly provided traffic bearing the 900, 800 and 888 NPAs or any other non-geographical NPAs which may likewise be designated for such traffic where the responsible party is an IXC.

6.10 Each Party will provide the other a single point of contact to handle any MPB questions.

7.0 Identification of Toll VoIP Traffic

7.1 Toll VoIP 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 and compensation of Toll VoIP Traffic that 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 Speedbeam's total intrastate access traffic, so that Toll VoIP Traffic will be billed in accordance with the FCC Order.

7.2 Windstream will bill toll VoIP-PSTN traffic which it identifies in accordance with this Attachment at rates equal to Windstream's applicable tariffed interstate switched access rates.

7.3 Windstream will determine the number of Toll VoIP Traffic minutes of use ("TVMOU") to which it will apply its interstate rates under section 7.2, above, by applying an originating Percent VoIP Usage ("OPVU") factor to the total intrastate access MOU originated by a Windstream end user and delivered to Speedbeam and by applying a terminating PVU ("TPVU") factor to the total intrastate access MOU terminated by Speedbeam to Windstream's end users. The OPVU and TPVU will be derived and applied as follows:

7.3.1 Windstream will calculate and implement an OPVU factor representing a whole number percentage based on total traffic originated by Windstream end users in IP format and delivered to the customer in the State divided by Windstream's total originated intrastate access MOU delivered to the Speedbeam in the State.

7.3.2 Speedbeam will calculate and furnish to Windstream a TPVU factor, along with supporting documentation, representing the whole number percentage of the customer's total terminating intrastate access MOU that Speedbeam exchanges with Windstream in the State that is sent to Windstream and originated in IP format.

7.3.3 The TPVU and supporting documentation shall be based on information that is verifiable by Windstream including but not limited to the number of Speedbeam'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. Speedbeam shall not modify its reported PIU factor to account for Toll VoIP Traffic. After Windstream verifies the TPVU provided by Speedbeam, Windstream will apply the TPVU factor to the associated terminating intrastate access MOU as indicated in Sections 7.3.3.1 and/or 7.3.3.2 below.

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

7.3.3.2 If the dispute is unresolved, Speedbeam may request that verification audits be conducted by an independent auditor, at Speedbeam's sole

expense. During the audit, the most recent undisputed TPVU factor will be used by Windstream.

- 7.3.4 In calculating the initial OPVU and TPVU factor(s), Windstream will take the factor(s) provided by Speedbeam and/or developed by Windstream into account retroactively to the effective date of this Agreement, *provided that* the factor(s) and supporting documentation are provided as specified in subsection 7.3.3 above to Windstream no later than 15 days after the effective date of this Agreement. If Speedbeam does not furnish Windstream with a TPVU factor pursuant to the preceding subsection 7.3.3, the initial factor will be zero.
- 7.3.5 Speedbeam may update the TPVU factor and request Windstream update the OPVU factor semi-annually using the method set forth in this Attachment. If Speedbeam chooses to submit such updates and requests, it shall forward to Windstream, no later than 15 days after the first day of January and/or July of each year, a revised TPVU factor and supporting documentation based on data for the prior three months, ending the last day of December and/or June, respectively. Once verified by Windstream the revised TPVU factor along with the revised Windstream developed OPVU will apply prospectively and serve as the basis for billing until superseded by a new verified factor.

8.0 Billing Arrangements for Compensation for Termination of IntraLATA, Local Traffic

- 8.1 With respect to those Exchanges where Speedbeam intends to provide Local Exchange Service, Speedbeam will, at a minimum, obtain a separate NXX code for each Exchange or group of Exchanges that share a common Mandatory Local Calling Scope. At such time as both Parties have implemented billing and routing capabilities to determine traffic jurisdiction on a basis other than NXX codes separate NXX codes as specified in this paragraph will not be required. At such time as Speedbeam requests Windstream to establish interconnection to enable Speedbeam to provide Exchange Services, the Parties will determine the number of NXXs necessary to identify the jurisdictional nature of traffic for intercompany compensation. At such time as Speedbeam requests additional points of interconnection, the Parties will appropriately define the number of NXXs necessary for the new interconnection points.
- 8.2 Bills rendered by either Party to the other will be due and payable as specified in the General Terms and Conditions, §8.0.

9.0 Alternate Billed Traffic

- 9.1 All call types routed between the networks must be accounted for, and revenues settled among the Parties. Certain types of calls will require exchange of billing records between the Parties including IntraLATA alternate billed calls (e.g. calling card, bill-to-third party, and collect records and LEC/CTU-provided Toll Free Service records). The Parties will utilize, where possible existing accounting and settlement systems to bill, exchange records and settle revenue.
 - 9.1.1 The exchange of billing records for alternate billed calls (e.g., calling card, bill-to-third, and collect) will be through the existing CMDS processes, unless otherwise agreed to by the Parties in writing.
 - 9.1.2 Inter-Company Settlements ("ICS") revenues will be settled through the Calling Card and Third Number Settlement System ("CATS"). Each Party will make its own arrangements with respect to participation in the CATS processes, through direct participation or a hosting arrangement with a direct participant.

- 8.1.3 Non-ICS revenue is defined as revenues associated with collect calls, calling card calls, and billed to third number calls which originate, terminate and are billed within the same Bellcore Client Company Territory. The Parties will negotiate and execute an agreement within 30 days of the execution of this Agreement for settlement of non-ICS revenue. This separate arrangement is necessary since existing CATS processes do not permit the use of CATS for non-ICS revenue. The Parties agree that the CMDS system can be used to transport the call records for this traffic.
- 9.1.4 Each Party will provide the appropriate call records to the other for toll free IntraLATA Interexchange Traffic, thus permitting each Party to bill its subscribers for the inbound Toll Free Service. Each Party may charge its tariffed rate for such record provision. No adjustments to data contained in tapes, disks or Network Data Mover will be made by a Party without the mutual Agreement of the Parties.

10.0 Issuance of Bills

- 10.1 Each Party shall establish monthly billing dates and the bill date will be the same day each month. All bills will be delivered to the other Party no later than ten (10) calendar days from the bill date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment), whichever is earlier. If a Party fails to receive a billing within the time period specified in this Section, the corresponding payment due date will be extended by the number of days the bill is late in being delivered.

ATTACHMENT 13: NUMBERING

1.0 Numbering

- 1.1 Nothing in this Section will be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any NANP numbers including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines, or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes. Each Party is responsible for administering the NXX codes assigned to it.
- 1.2 Each Party agrees to make available to the other, up-to-date listings of its own assigned NPA-NXX codes, along with associated Rating Points and Exchanges.
- 1.3 It will be the responsibility of each Party to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. Neither Party will impose fees or charges on the other Party for such required programming and updating activities.
- 1.4 It will be the responsibility of each Party to input required data into the Routing Data Base Systems (RDBS) and into the Bellcore Rating Administrative Data Systems (BRADS) or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG).
- 1.5 Neither Party is responsible for notifying the other Parties' End Users of any changes in dialing arrangements, including those due to NPA exhaust, unless otherwise ordered by the Commission, the FCC, or a court.

2.0 NXX Migration

- 2.1 Where a Party (first Party) has activated, dedicated or reserved an entire NXX for a single End User, if such End User chooses to receive service from the other Party (second Party), the first Party shall cooperate with the second Party to have the entire NXX reassigned in the LERG (and associated industry databases, routing tables, etc.) to an end office operated by the second Party. Such transfer will require development of a transition process to minimize impact on the network and on the End User(s) service and will be subject to appropriate industry lead-times (currently 45 days) for movements of NXXs from one switch to another.

ATTACHMENT 14: NUMBER PORTABILITY

1.0 Service Provider Number Portability (SPNP)

- 1.1 The FCC First Report and Order in CC Docket 95-116 requires “ . . . all LECs to implement a long term service provider portability solution that meets our performance criteria in the 100 large Metropolitan Statistical Areas (MSA) no later than October 1, 1997, and to complete deployment in those MSAs by December 31, 1998.” While the FCC declined “ .to choose a particular technology for providing number portability”, they did establish performance criteria for permanent number portability and aligned expectations with the statutory definition of the Telecommunication Act of 1996 ordering Service Provider Number Portability (SPNP). In a follow-up First Memorandum Opinion and Order on Reconsideration, the commission determined that the technology that meets the performance criteria is Location Routing Number (LRN). LRN is being used by the telecommunications industry to provide SPNP.

2.0 Terms, Conditions Under Which Windstream Will Provide SPNP

- 2.1 Windstream will not offer SPNP services for NXX codes 555, 976, 950.
- 2.2 Prior to commencement of any service porting or LRN query service, the Parties must have an approved interconnection Agreement along with a conforming, functional direct network interconnection, pursuant to Attachment 4: Network Interconnection Architecture §2.1 Direct Interconnection, between and among the Party’s involved switches and exchanges. Speedbeam is responsible for establishing direct interconnection facilities on Windstream’s interconnected network at a mutually agreed upon technically feasible point(s) on Windstream’s interconnected network within a LATA as described in Attachment 4: Network Interconnection Architecture §2.1 and §2.1.1. Where Windstream’s switch subtends a Third Party Tandem, Speedbeam is responsible for establishing a direct interconnection facility on Windstream’s interconnected network as detailed above in this §2.2. The Parties will not port numbers via an indirect network interconnection.
- 2.3 Windstream will only provide SPNP services and facilities where technically feasible, subject to the availability of facilities, and only from properly equipped central offices. SPNP applies only when a Customer with an active account wishes to change local Carriers while retaining the telephone number or numbers associated with the account.
- 2.4 An SPNP telephone number may be assigned by Speedbeam only to Speedbeam’s Customers located within Windstream’s rate center, which is associated with the NXX of the ported number.
- 2.5 Windstream will deploy SPNP at a location within six (6) months after receipt of a Bona Fide Request from Speedbeam as provided in §6.0, and subject to approval of this Agreement by the Commission and completion of the network preparation specified herein.
- 2.6 A service order processing charge (Service Order Charge), listed in Appendix B: Price List, will be applied to each service order issued by Speedbeam requesting Windstream to process a request for installation, disconnection, rearrangement, changes to or record orders pursuant to this Attachment.
- 2.7 If Speedbeam requests a coordinated cutover the applicable charges contained in Appendix B: Price List will be applied.
- 2.8 If Speedbeam cancels a conversion of an End User, Speedbeam will notify Windstream of the cancellation by 2:00 Central Time on the day prior to the due date requested on the LSR. If

Speedbeam notifies Windstream of a cancellation after 2:00 Central Time on the day prior to the due date requested on the LSR ("Late Notice"), Speedbeam will pay the applicable time and material charge contained in Exhibit A Price List. In the event of a Late Notice, Windstream does not guarantee that service disruption will not occur to the End User.

- 2.9 If Speedbeam cancels or makes a change to an LSR due date, the original LSR will be cancelled, Speedbeam will issue a new LSR and Speedbeam shall be charged an additional Service Order charge, listed in Appendix B: Price List, for each LSR submitted under this Attachment.

3.0 Obligations of Speedbeam

- 3.1 Each Party must offer proof of its certification with applicable regional Number Portability Administration Center (NPAC) prior to requesting SPNP from the other Party.
- 3.2 Each Party must advise the NPAC of telephone numbers that it imports and the associated data identified in industry forums as is required for SPNP.
- 3.3 After the initial deployment of SPNP in an MSA, if Speedbeam wants a Windstream switch to become LRN capable, Speedbeam must submit a Bona Fide request as provided in §6.0. Windstream will make requested switch LRN capable within the time frame required by the FCC.
- 3.4 Speedbeam will conform to NANC guidelines and LERG administration rules in requesting Windstream to open an NPA-NXX for portability in an LRN capable switch.
- 3.5 Speedbeam is responsible to coordinate with the local E911 and Public Services Answering Point (PSAP) coordinators to insure a seamless transfer of End User emergency services.
- 3.5 Speedbeam is required to conform to industry standard Local Service Request (LSR) format and guidelines in ordering and administration of individual service/number ports.
- 3.6 Speedbeam is responsible for establishing direct interconnection facilities on Windstream's interconnected network at a mutually agreed upon technically feasible point(s) on Windstream's interconnected network within a LATA as described in Attachment 4: Network Interconnection Architecture §2.1 and §2.1.1. Where Windstream's switch subtends a Third Party Tandem, Speedbeam is responsible for establishing a direct interconnection facility on Windstream's interconnected network as detailed above in this Attachment §2.2.

4.0 Obligations of Both Parties

- 4.1 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User; the ported telephone number will be released back to the Local Service Provider owning the switch in which the telephone number's NXX is native.
- 4.2 Either Party may block default routed calls from entering the public switched network when necessary to prevent network overload, congestion, or failure.
- 4.3 The Parties will conform to industry guidelines referenced herein in preparing their networks for SPNP and in porting numbers from one network to another.
- 4.4 The Parties will perform all standard SPNP certification and intra-company testing prior to scheduling intercompany testing between the Parties' interconnected networks.

- 4.5 Each Party will designate a single point of contact (SPOC) to schedule and perform required test. These tests will be performed during a mutually agreed time frame and must conform to industry portability testing and implementation criteria in force in the NPAC region.

5.0 Limitations of Service

- 5.1 Telephone numbers will be ported only within Windstream rate centers as approved by the State Commission. Neither Party will port numbers outside of the Windstream rate center.
- 5.2 Windstream and Speedbeam porting rate center areas must comprise identical geographic locations and have common boundaries.
- 5.3 Telephone numbers associated with Windstream Official Communications Services (OCS) NXXs will not be ported.
- 5.4 Telephone numbers in NXXs dedicated to choke networks will not be ported.

6.0 Service Provider Number Portability (SPNP) Bona Fide Request (BFR) Process

- 6.1 The Service Provider Number Portability (SPNP) Bona Fide Request (BFR) Process is the process for Speedbeam to request that SPNP be deployed in Windstream exchanges that are not then capable of LRN query service.
- 6.2 Speedbeam may request that SPNP be deployed by Windstream in its switches located in the MSAs. Windstream will enable SPNP in the requested switches within six (6) months of receipt of BFR, based on the beginning dates for each MSA and subject to State Commission approval of an interconnection Agreement with respect to the location of the requested switch.
- 6.2 A BFR with respect to opening a Windstream switch for SPNP must be made in the form of a letter from Speedbeam to:

Windstream
Attn: Interconnection Services
Rodney Parham Road
1170 B3F03-84A
Little Rock, AR 72212

- 6.4 The BFR must specify the following:
- 6.4.1 The MSA in which requested switch(es) are located.
- 6.4.2 Windstream switch(es), by CLLI codes, which are being requested to become SPNP capable.
- 6.4.3 Specific, resident NXX codes requested to open in each Windstream switch on the BFR.
- 6.4.4 The date when SPNP capability is requested for each Windstream switch on the BFR; however, the requested date must fall within the governing FCC schedules and interval guidelines. .
- 6.4.5 CLLI and NXXs of Speedbeam switches serving the exchanges associated with the relevant Windstream switches.

ATTACHMENT 15: INTENTIONALLY LEFT BLANK

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ATTACHMENT 17: INTENTIONALLY LEFT BLANK

ATTACHMENT 18: PERFORMANCE MEASURES

1.0 General

- 1.1 The Parties will use their best efforts to satisfy all service standards, intervals, measurements, specifications, performance requirements, technical requirements, and performance standards that are specified in this Agreement or are required by law or regulation. In addition, a Party's performance under this Agreement shall be provided to the other Party at parity with the performance the providing Party provides itself for like service(s).

2.0 Interconnection

2.1 Trunk Provisioning Intervals

2.1.1 Access Service Request (ASR)

Positive acknowledgment of receipt of a non-valid ASR will be made within two business days, provided the ASR is received before 3PM Eastern Standard Time (1PM Mountain Standard Time.) The start time for determining the FOC interval will commence with receipt of a valid ASR. A non-valid ASR will not start the FOC interval.

2.1.2 Firm Order Confirmation (FOC)

An FOC confirming the due date will be sent within 2 business days (16 business hours) after receipt of a valid ASR subject to facility availability. Subject to availability of facilities service will be implemented (trunks in service) within 20 business days of receipt of a valid ASR.

2.1.3 Performance Expectation

Provided the conditions are met under 2.1.1 and 2.1.2 proceeding, Windstream's performance expectation is to provide 100% due dates met within reporting month. If service levels fall below 95% of the performance expectation within a reporting month, root cause analysis and joint problem resolution will be implemented within thirty (30) days.

2.2 Trunking Grade of Service

2.2.1 Exchange Access (IXC Toll Traffic)

For exchange access traffic routed via an access tandem blocking on each leg will be held to .005 (1/2% blockage).

2.2.2 All Other

All other final routed traffic will be held to .01 (1% blockage).

2.2.3 Performance Expectation

Provided the conditions are met under 2.2.1 and 2.2.2 preceding, a Party's performance expectation is to provide traffic flow 100% of the time. If service levels fall below the performance expectation within a reporting month, root cause analysis and joint problem resolution will be implemented within thirty (30) days.

2.3 Trunk Service Restoration

2.3.1 Service Affecting

Service affecting trunk service trouble will be responded to at parity with the performance Windstream provides itself for like service(s). Service affecting trouble is defined as a condition or event affecting 20% or more of the total trunk group and overflows are experienced.

2.3.2 Non Service Affecting

Non service affecting trouble will be responded to at parity with the performance Windstream provides itself for like service(s).

2.3.3 Performance Expectation

Zero loss of service due to downtime. If service levels fall below the Performance Expectation within a reporting month, root cause analysis and joint problem resolution will be implemented within thirty (30) days. Specific time-frames will be listed relative to performance.

3.0 Maintenance Intervals

3.1. Service Affecting

Service affecting maintenance trouble will be responded to at parity with the performance Windstream provides itself for like service(s).

3.2 Non Service Affecting

Non service affecting trouble will be responded to at parity with the performance Windstream provides itself for like service(s).

3.3 Performance Expectation

Zero loss of service due to downtime. If service levels fall below the Performance Expectation within a reporting month, root cause analysis and joint problem resolution will be implemented within thirty (30) days. Specific time-frames will be listed relative to performance.

4.0 Local Service Provisioning Intervals

4.1 Local Service Request (LSR)

LSRs that are subject to the FCC's number portability interval requirements shall be processed in accordance with those requirements.

Except for LSRs that are subject to the FCC's number portability interval requirements, positive acknowledgement of receipt of a non-valid LSR for a Non-Simple Port request will be made within 24 hours, provided the LSR is received before 3PM Eastern Standard Time. Non- Simple Port LSRs received after the 3PM cutoff will be considered to be received on the following business day.

Except for LSRs that are subject to the FCC's number portability interval requirements, positive acknowledgement of receipt of a non-valid LSR for a Simple port request will be made within 4 hours, provided the LSR is received by 1P.M. local time in the predominant Time Zone of the NPAC Region where the End User's telephone number is being ported. Simple Port LSRs received after the 1PM cutoff will be considered to be received on the following business day, and the response clock starts at 8 A.M. (local time in the predominant time zone of the NPAC Region where the number is being ported).

4.2 Local Service Request Confirmation (LSCN)

The start time for determining the Local Service Request Confirmation (LSCN) interval will commence with receipt of a valid LSR. A non-valid LSR will not start the LSCN interval.

For LSRs involving Non-Simple Ports, as determined by the donating service provider, the donating service provider must return a LSCN or reject (whichever is appropriate) within 24 hours of receiving the LSR.

For LSRs involving Simple Ports, as determined by the donating service provider, if the gaining service provider requests a due date 3 or more business days after LSR receipt, the donating service provider must return a LSCN or reject (whichever is appropriate) within 24 hours of receiving the LSR.

For LSRs involving Simple Ports, as determined by the donating service provider, if the gaining service provider requests a due date 1-2 business days after LSR receipt, the donating service provider must return a LSCN or reject (whichever is appropriate) within 4 hours of receiving the LSR. An LSCN confirming the due date will be sent within 2 business days (16 business hours) after receipt of a valid LSR subject to facility availability.

4.3 Performance Expectation

Provided the conditions are met under 4.1 and 4.2 proceeding, a Party's performance expectation is to provide 100% due dates within the reporting month. If service levels fall below 95% of the performance expectation within a reporting month, root cause analysis and joint problem resolution will be implemented within thirty (30) days.

ATTACHMENT 19: BONA FIDE REQUEST (BFR) PROCESS

- 1.1 A Bona Fide Request (BFR) must be used when Speedbeam requests a change to any Services and/or Elements provided hereunder, including features, capabilities, or functionality.
- 1.2 A BFR shall be submitted in writing by Speedbeam and shall specifically identify the required service date, technical requirements, space requirements and/or such specifications that clearly define the request such that Windstream has sufficient information to analyze and prepare a response. Such a request also shall include Speedbeam's designation of the request as being (i) pursuant to the Telecommunications Act of 1996 or (ii) pursuant to the needs of the business.
- 1.3 Although not expected to do so, Speedbeam may cancel, without penalty, a BFR in writing at any time. Windstream will then cease analysis of the request.
- 1.4 Within two (2) business days of its receipt, Windstream shall acknowledge in writing, the receipt of the BFR and identify a single point of contact and any additional information needed to process the request.
- 1.5 Except under extraordinary circumstances, within twenty (20) days of its receipt of a BFR, Windstream shall provide to Speedbeam a preliminary analysis of the BFR. The preliminary analysis will include Windstream's proposed price (plus or minus 25 percent) and state whether Windstream can meet Speedbeam's requirements, the requested availability date, or, if Windstream cannot meet such date, provide an alternative proposed date together with a detailed explanation as to why Windstream is not able to meet Speedbeam's requested availability date. Windstream also shall indicate in this analysis its agreement or disagreement with Speedbeam's designation of the request as being pursuant to the Act or pursuant to the needs of the business. If Windstream does not agree with Speedbeam's designation, it may utilize the Dispute Resolution Process described in the General Terms and Conditions §9.0. In no event, however, shall any such dispute delay Windstream's process of the request. If Windstream determines that it is not able to provide Speedbeam with a preliminary analysis within twenty (20) days of Windstream's receipt of a Bona Fide Need request, Windstream will inform Speedbeam as soon as practicable. The Parties will then determine a mutually agreeable date for receipt of the preliminary analysis.
- 1.6 As soon as possible, but in no event more than forty-five (45) days after receipt of the request, Windstream shall provide Speedbeam with a BFR quote which will include, at a minimum, the firm availability date, the applicable rates and the installation intervals, and a price quote.
- 1.7 Unless Speedbeam agrees otherwise, all proposed prices shall be the pricing principles of this Agreement, in accordance with the Act, and any applicable FCC and Commission rules and regulations. Payments for services purchased under a BFR will be made as specified in this Agreement, unless otherwise agreed to by Speedbeam.
- 1.8 Within thirty (30) days after receiving the firm BFR quote from Windstream, Speedbeam will notify Windstream in writing of its acceptance or rejection of Windstream's proposal. If at any time an Agreement cannot be reached as to the terms and conditions or price of the request, or if Windstream responds that it cannot or will not offer the requested item in the BFR and Speedbeam deems the item essential to its business operations, and deems Windstream's position to be inconsistent with the Act, FCC, or Commission regulations and/or the requirements of this Agreement, the Dispute Resolution Process set for in the General Terms and Conditions, §9.0 of the Agreement may be used by either Party to reach a resolution.

ATTACHMENT 20: DEFINITIONS

Definitions of the terms used in this Agreement are listed below. The Parties agree that certain terms may be defined elsewhere in this Agreement, as well as terms not defined shall be construed in accordance with their customary meaning in the telecommunications industry as of the Effective Date of this Agreement.

"Access Service Request" or "ASR" means the industry standard forms and supporting documentation used for ordering Access Services. The ASR may be used to order trunking and facilities between Windstream and Speedbeam for local interconnection.

"Act" means the Communications Act of 1934 (47 U.S.C. §151 et seq.), as amended by the Telecommunications Act of 1996, as may be subsequently amended or, as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission having authority to interpret the Act within its state of jurisdiction.

"Ancillary Services" are services which support, but, are not required for interconnection of telecommunications networks between two or more parties, e.g., 911 (if applicable) and Directory Services.

"Affiliate" is a legal entity that directly or indirectly controls, is controlled by, or is under common control with a Party. An entity is considered to control another entity if it owns, directly or indirectly, more than fifty percent (50%) of the total voting securities or other similar voting rights.

"Business Day(s)" means the days of the week excluding Saturdays, Sundays, and all Windstream holidays.

"Calling Party Number" or "CPN" is a feature of Signaling System 7 ("SS7") protocol whereby the 10-digit number of the calling party is forwarded from the end office.

"CLASS (Custom Local Area Signaling Service) and Custom Features" means a grouping of optional enhancements to basic local exchange service that offers special call handling features to residential and single-line business Customers (e.g., call waiting, call forwarding and automatic redial).

"CLEC" means Competitive Local Exchange Carrier.

"Commission" or "PUC" or "PSC" means the state administrative agency to which the United States Congress or state legislature has delegated authority to regulate the operations of Local Exchange Carriers ("LECs") as defined in the Act.

"Common Channel Signaling" or "CCS" means a special network, fully separate from the transmission path of the public switched network that digitally transmits call setup and network control data.

"Confidential Information" has the meaning set forth in §6.0 of the General Terms and Conditions.

"Contract Year" means a twelve (12) month period during the term of the contract commencing on the Effective Date and each anniversary thereof.

"Customer" means, whether or not capitalized, any business, residential or governmental Customer of services covered by the Agreement, and includes the term "End User". More specific meanings of either of such terms are dependent upon the context in which they appear in the Agreement and the provisions of the Act.

"Customer Proprietary Network Information" or "CPNI" means information that relates to the quantity, technical configuration, type, destination, and amount of a Telecommunications Service subscribed to by any Customer of a Telecommunications Carrier, and that is made available to the carrier by the Customer solely by virtue of the carrier Customer relationship; and information contained in the bills pertaining to telephone exchange service or telephone toll service received by a Customer of a carrier.

"Discloser" means that Party to this Agreement which has disclosed Confidential Information to the other Party.

"E911 Service" is a method of routing 911 calls to a PSAP that uses Customer location data in the ALI/DMS to determine the PSAP to which a call should be routed.

"Effective Date" is the date indicated in the Preface on which the Agreement shall become effective.

"End Office" means a local Windstream switching point where Windstream Customer station loops are terminated for purposes of interconnection to each other and to the network.

"End User" means, whether or not capitalized, any business, residential or governmental Customer of services covered by the Agreement and includes the term "Customer". More specific meanings of either of such terms are dependent upon the context in which they appear in the Agreement and the provisions of the Act.

"Enhanced White Pages Listings" means optional features available for residential White Pages Directory Listings (e.g., bold, italics, lines of distinction)

"Exchange" is the geographic territory delineated as an exchange area for Windstream by official commission boundary maps.

"Exchange Access" is defined in the Act.

"Exchange Services" are two-way switched voice-grade telecommunications services with access to the public switched network with originate and terminate within an exchange.

"FCC" means the Federal Communications Commission.

"ICB" means individual case basis.

"Incumbent Local Exchange Carrier" or "ILEC" has the meaning given the term in the Act.

"Interconnection" has the meaning given the term in the Act and refers to the connection of separate pieces of equipment, facilities, or platforms between or within networks for the purpose of transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic.

"Interconnection Agreement" means the Agreement between the Parties entitled "Interconnection Agreement Under §§251 and 252 of the Telecommunications Act of 1996," dated July 16, 1996.

"Interexchange Carrier" or "IXC" means a telecommunications provider that provides long distance communications services between LATAs and authorized by the Commission to provide long distance communications services.

"InterLATA" has the meaning given the term in the Act.

"IntraLATA Traffic" means all IntraLATA calls provided by a LEC other than traffic completed in the LECs local exchange boundary.

"Interconnection Point" or "IP" is the point of demarcation at a technically feasible point within Windstream's interconnected network within the LATA, as specified in *Attachment 4* Section 2.1.1, where the networks of Windstream and Speedbeam interconnect for the exchange of traffic.

"ISP Bound Traffic" means all dial-up modem traffic destined for a commercial provider of internet access in the same local calling area.

"Local Access and Transport Area" or "LATA" has the meaning given to the term in the Act.

"Local Exchange Carrier" or "LEC" means the incumbent carrier that provides facility-based Exchange Services, which has universal-service and carrier-of-last-resort obligations.

"Local Service Provider" or "Speedbeam" means a non-incumbent carrier licensed by the Commission with the appropriate certification (e.g., a Certificate of Authorization or Service Provider Certificate of Authorization) and authority necessary to provide Exchange Services.

"Local Service Request" or "LSR" means an industry standard form used by the Parties to add, establish, change or disconnect services provided under this Agreement.

"911 Service" means a universal telephone number, which gives the public direct access to the PSAP. Basic 911 service collects 911 calls from one or more local exchange switches that serve a geographic area. The calls are then sent to the correct authority designated to receive such calls.

"Operating Company Number" or "OCN" means nationally recognized company codes set forth in Bellcore's LERG that will be used as the official identification code for each company that provides local exchange telephone service.

"Parties," means Windstream and Speedbeam collectively.

"Party" means either Windstream or Speedbeam as applicable.

"P.01 Transmission Grade of Service" means a trunk facility provisioning standard with the statistical probability of no more than one call in 100 blocked on initial attempt during the average busy hour.

"Percent Local Usage" or "PLU" is a calculation which represents the ratio of the local minutes to the sum of local IntraLATA minutes between exchange carriers sent over Local Interconnection Trunks. Directory assistance, BLV/BLVI, 900, 976, transiting calls from other exchange carriers and switched access calls are not included in the calculation of the PLU.

"Public Safety Answering Point" or "PSAP" is the public safety communications center where 911 calls placed by the public for a specific geographic area will be answered.

"Recipient" means the Party to this Agreement, which has received Confidential Information from the other Party.

"Service Provider Number Portability/Number Portability" or "SPNP" means the ability of users of telecommunications services to retain, at the same location, existing telecommunications numbers without the impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.

"Signaling System 7" or "SS7" means a signaling protocol used by the CCS network.

"Telephone Exchange Service" means wireline exchange connections amongst LEC End Users.

"Telecommunications" is as defined in 47 CFR §153(43).

"Telecommunications Service" is as defined in 47 CFR §153(46).

"Termination" means the switching of Local Traffic at the terminating carrier's end office switch, or equivalent facility, and delivery of such traffic to the called Party.

"Territory" means the incumbent local exchange areas within the state identified in this Agreement.

"Third Party Originating Carrier" means a Telecommunications Carrier (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider that delivers to Windstream Transit Traffic that transits Windstream's network and is delivered to Speedbeam.

“Third Party Terminating Carrier” means traffic originated by Speedbeam and transited by Windstream for delivery to a Telecommunications Carrier (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider).

“Transit Traffic” is defined as Local Traffic and ISP-bound Traffic that is (i) received by Windstream from Speedbeam that is switched and/or transported by Windstream and delivered to a Third Party Terminating Carrier’s network, or (ii) received by Windstream from a Third Party Originating Carrier’s network that is switched and/or transported by Windstream and delivered to Speedbeam’s network. Transit Traffic does not include traffic terminating to a third party’s network where the third party utilizes Windstream’s switching to provide its end user service (i.e., local resale). Windstream will only accept Transit Traffic from Speedbeam where Windstream has agreed to provide Transit Traffic Service.

“Transit Traffic Service” means the service provided by Windstream for the acceptance and switching of Transit Traffic originated by Speedbeam, delivered to a Windstream tandem. Transit Traffic Service refers only to the non-tariffed services and products provided by Windstream to Speedbeam, and shall not include any Windstream tariffed services provided pursuant to any filed tariff of Windstream or a Windstream affiliated company, irrespective of whether reference is made herein to any such tariffed service. Windstream will only accept Transit Traffic from Speedbeam where Windstream has agreed to provide Transit Traffic Service.

“Undefined Terms” The Parties acknowledge that terms may appear in the Agreement that are not defined and agree that any such terms shall be construed in accordance with their end-user usage in the telecommunications industry as of the Effective Date of this Agreement.

“Windstream” has the meaning set forth in the preamble.

“Work Locations” means any real estate that Windstream owns, leases or licenses or in which it holds easements or other rights to use, or does use, in connection with this Agreement.

ATTACHMENT 21: ACRONYMS

AMA	Automated Message Accounting
ASR	Access Service Request
BAN	Billing Account Number
BFR	Bona Fide Request
BRADS	Bellcore Rating Administrative Data Systems
CAP	Competitive Access Provider
CATS	Calling Card and Third Number Settlement System
CCL	Carrier Common Line
CCS	Common Channel Signaling
CLEC	CLEC
CLASS	Custom Local Area Signaling Service
CMDS	Centralized Message Distribution System
CPN	Calling Party Number
CPNI	Customer Propriety Network Information
EAS	Extended Area Service
ELCS	Extended Local Calling Service
EMI	Exchange Message Interface
EUCL	End User Common Line
FCC	Federal Communications Commission
FOC	Firm Order Commitment
ILEC	Incumbent Local Exchange Carrier
IP	Interconnection Point
ISDN	Integrated Digital Services Network
ISDNUP	Integrated Digital Services Network User Part
IXC	Interexchange Carrier
LATA	Local Access and Transport Area
LEC	Local Exchange Carrier
LERG	Local Exchange Routing Guide
LOA	Letter of Authority
LRN	Local Routing Number
LSCN	Local Service Request Confirmation
LSP	Local Service Provider
LSR	Local Service Request
MSA	Metropolitan Statistical Area
MTP	Message Transfer Part
MTS	Message Telephone Service
NEBS	Network Equipment Building System
NECA	National Exchange Carrier Association
NIIF	Network Interoperability Interface Forum
NPA	Numbering Plan Area
NPAC	Number Portability Administration Center
OCN	Operating Company Number
OLI	Originating Line Information
PIC	Primary Interexchange Carrier
PLU	Percent Local Usage
PON	Purchase Order Number
PSC	Public Service Commission
PUC	Public Utilities Commission
RDBS	Routing Data Base Systems
SLC	Subscriber Line Charge

SONET	Synchronous Optical Network
SPNP	Service Provider Number Portability
SS7	Signaling System 7
STP	Signaling Transfer Point
TCAP	Transaction Capabilities Application Part
Windstream	Windstream

APPENDIX A: BILLING DISPUTE FORM

Billing Company Contact Information Section:				
1. Billing Company Name:		2. Billing Contact Name:		
3. Billing Contact Address:		4. Billing Contact Phone:		
		5. Billing Contact Fax #:		
		6. Billing Contact Email:		
Disputing Company Contact Information Section:				
7. Disputing Company Name:		8. Disputing Contact Name:		
9. Disputing Contact Address:		10. Disputing Contact Phone:		
		11. Disputing Contact Fax #:		
		12. Disputing Contact Email:		
General Dispute Section:				
13. Date of Claim: (yyyy-mm-dd):		14. Status:	15. Claim/Audit Number:	
16. Service Type:				
17. ACNA:	18. OCN:	19. CIC:	20. BAN:	21. Invoice Number(s):
22. Bill Date:		24. Dispute Reason Code:		25. Dispute Desc:
23. Billed Amount: \$ _____				
26. Disputed Amount: \$			29. Dispute Bill Date From:	
27. Disputed Amount Withheld: \$			Dispute Bill Date Thru:	
28. Disputed Amount Paid: \$				
Dispute Information Section:				
30. Rate Element/USOC:			31. Rate:	Billed Correct
Factor Information: 32. PIU: Billed Correct 33. PLU: Billed Correct 34. BIP: Billed Correct 35. Other Factors: Billed Correct		36: Jurisdiction <input type="checkbox"/> Non Jurisdictional <input type="checkbox"/> Inter/Interstate <input type="checkbox"/> Intra/Interstate <input type="checkbox"/> Intra/Intrastate <input type="checkbox"/> Inter/Intrastate <input type="checkbox"/> Local		37. Mileage: Billed Correct 38. Contract Name/##: 39. Business/Residence Indicator: 40: State: 41: LATA:
Facilities/Dedicated Circuit Dispute Information Section:				
42. PON: 43 SON: 44. EC Circuit ID: 45 Circuit Location: 46. IC Circuit ID: 47. CFA :			48. TN/All: 49. Point Code: 50. USOC Quantity: 51. Two-Six Code:	
52. Facilities From Date: Thru Date:				

Usage Dispute Information Section:			
53. End Office CLLI:		54. TN/All:	
55. Usage Billed Units/Quantity:		56. Usage Billed Units/Quantity Disputed:	
57. Directionality: <input type="checkbox"/> N/A <input type="checkbox"/> Orig. <input type="checkbox"/> Term. <input type="checkbox"/> Combination		58. Query:	59. Query Type:
60. OC&C SON:		61 OC&C PON:	
62. Usage From Date: Thru Date:			
Information Section:			
63. Tax Dispute Amount:		64. Tax exemption form attached : <input type="checkbox"/>	
65. Invoice(s) LPC billed:			
66. LPC paid, date of payment:			
OTHER			
67. Other remarks			
Resolution Information Section:			
68. Resolution Date:			
69. Resolution Amount: \$		70. Resolution Reason:	
71. Adjustment Bill Date:		72. Adjustment Invoice Number:	
73. Adjustment Phrase Code(s):	74. Adjustment BAN/	75. Adjustment SON:	
76. Disputed Amount: \$		77. Amount Credited: \$	
78. Bill Section Adjustment will appear on: OC&C _____ Adjustment _____			
79. Resolution remarks:			

APPENDIX B: PRICE LIST

	Nonrecurring Charges	
	Initial	Additional
<u>Service Order Charges</u>		
New ¹	\$22.39	\$22.39
Change ²	\$17.44	\$17.44
Disconnect ³	\$12.26	\$12.26
Expedite Charge ⁴	\$21.76	\$21.76
Manual Service Order Charges ⁵	\$8.07	\$8.07
<u>Time and Material Charges</u>		
Basic Time per half (1/2) hour	\$45.00	\$45.00
Overtime per half (1/2) hour	\$62.50	\$62.50
Premium Time per half (1/2) hour	\$85.00	\$85.00
<u>Coordinated Cut-Over Charge</u>		
Basic Time per half (1/2) hour	\$45.00	\$45.00
Overtime per half (1/2) hour	\$62.50	\$62.50
Premium Time per half (1/2) hour	\$85.00	\$85.00

RECIPROCAL COMPENSATION	MOU Rate
Windstream Kentucky East, LLC	\$0.01334

TRANSIT TRAFFIC	MOU Rate	Per Record Rate	Non-Recurring Charge
Windstream Kentucky East, LLC	\$0.003		
Record exchange establishment (CDRs)			\$3,750.00
Additional copies of CDRs (per record)		\$0.0025	

¹ **New** – includes each local number portability request and each new directory assistance request.

² **Change** - includes any rearrangement or change to an existing service, supplemental requests or existing directory assistance.

³ **Disconnect** – disconnection of a Windstream service or of a Windstream or Speedbeam directory assistance.

⁴ **Expedite** - applies if Speedbeam requests service prior to the standard due date intervals and the expedite request can be met by Windstream and are in addition to the applicable service order charge.

⁵ **Manual** – applies to orders sent via facsimile, electronic mail or US Postal Service when Windstream Express is available and are in addition to the applicable service order charge.