AGREEMENT FOR
LOCAL INTERCONNECTION

by and between

TELESTRIDE, LLC

and

FRONTIER NORTH INC.

FOR THE STATE OF

OHIO

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AGREEMENT

PREFACE

This Agreement ("Agreement") shall be deemed effective upon commission approval (the "Effective Date"), between Telestride, LLC ("Telestride"), a limited liability company organized under the laws of the State of Delaware, with offices at 575 7th St., NW, Washington DC 20004 and Frontier North Inc. ("Frontier"), a corporation organized under the laws of the State of Wisconsin with offices at 180 South Clinton Avenue, Rochester, New York 14646 (Frontier and Telestride may be referred to hereinafter, each, individually as a "Party", and, collectively, as the "Parties").

GENERAL TERMS AND CONDITIONS

In consideration of the mutual promises contained in this Agreement, and intending to be legally bound, pursuant to Section 252 of the Act, Frontier and Telestride hereby agree as follows:

1. The Agreement

1.1 This Agreement includes: (a) the Principal Document; (b) the Tariffs of each Party applicable to the Services that are offered for sale by it in the Principal Document (which Tariffs are incorporated into and made a part of this Agreement by reference); and, (c) an Order by a Party that has been accepted by the other Party.

1.2 Except as otherwise expressly provided in the Principal Document (including, but not limited to, the Pricing Attachment), conflicts among provisions in the Principal Document, Tariffs, and an Order by a Party that has been accepted by the other Party, shall be resolved in accordance with the following order of precedence, where the document identified in subsection "(a)" shall have the highest precedence: (a) the Principal Document; (b) the Tariffs; and, (c) an Order by a Party that has been accepted by the other Party. The fact that a provision appears in the Principal Document but not in a Tariff, or in a Tariff but not in the Principal Document, shall not be interpreted as, or deemed grounds for finding, a conflict for the purposes of this Section 1.2.

1.3 This Agreement constitutes the entire agreement between the Parties on the subject matter hereof, and supersedes any prior or contemporaneous agreement, understanding, or representation, on the subject matter hereof, provided, however, notwithstanding any other provision of this Agreement or otherwise, this Agreement is an amendment, extension and restatement of the Parties' prior interconnection and resale agreement(s), if any, and, as such, this Agreement is not intended to be, nor shall it be construed to create, a novation or accord and satisfaction with respect to any prior interconnection or resale agreements and, accordingly, all monetary obligations of the Parties to one another under any prior interconnection or resale agreements shall remain in full force and effect and shall constitute monetary obligations of the Parties under this Agreement (provided, however, that nothing contained in this Agreement shall convert any claim or debt that would otherwise constitute a prepetition claim or debt in a bankruptcy case into a postpetition claim or debt). In connection with the foregoing, Frontier expressly reserves all of its rights under the Bankruptcy Code and Applicable Law to seek or oppose any relief in respect of the assumption, assumption and assignment, or rejection of any interconnection or resale agreements between Frontier and Telestride.

1.4 Except as otherwise provided in the Principal Document, the Principal Document may not be waived or modified except by a written document that is signed by the Parties. Subject to the requirements of Applicable Law, a Party shall have the right to add, modify, or withdraw, its Tariff(s) at any time, without the consent of, or notice to, the other Party.

2. Term and Termination

2.1 This Agreement shall be effective as of the Effective Date and, unless cancelled or terminated earlier in accordance with the terms hereof, shall continue in effect until May 1, 2014 (the "Initial Term"). Thereafter, this Agreement shall continue in force and effect unless and until cancelled or terminated as provided in this Agreement.

2.2 Either Telestride or Frontier may terminate this Agreement effective upon the expiration of the Initial Term or effective upon any date after expiration of the Initial Term by providing written notice of termination at least ninety (90) days in advance of the date of termination.

2.3 If either Telestride or Frontier provides notice of termination pursuant to Section 2.2 and on or before the proposed date of termination either Telestride or Frontier has requested negotiation of a new interconnection agreement, unless this Agreement is cancelled or terminated earlier in accordance with the terms hereof (including, but not limited to, pursuant to Section 12), this Agreement shall remain in effect until the earlier of: (a) the effective date of a new interconnection agreement between Telestride and Frontier; or, (b) the date one (1) year after the proposed date of termination.

2.4 If either Telestride or Frontier provides notice of termination pursuant to Section 2.2 and by 11:59 PM Eastern Time on the proposed date of termination neither Telestride nor Frontier has requested negotiation of a new interconnection agreement, (a) this Agreement will terminate at 11:59 PM Eastern Time on the proposed date of termination, and (b) the Services being provided under this Agreement at the time of termination will be terminated, except to the extent that the Purchasing Party has requested that such Services continue to be provided pursuant to an applicable Tariff or Statement of Generally Available Terms (SGAT).

3. Glossary and Attachments

The Glossary and the following Attachments are a part of this Agreement:

Additional Services Attachment

Interconnection Attachment

Resale Attachment

Network Elements Attachment

Collocation Attachment

911 Attachment

Pricing Attachment

4. Applicable Law

4.1 The construction, interpretation and performance of this Agreement shall be governed by (a) the laws of the United States of America and (b) the laws of the

State of Ohio, without regard to its conflicts of laws rules. All disputes relating to this Agreement shall be resolved through the application of such laws.

4.2 Each Party shall remain in compliance with Applicable Law in the course of performing this Agreement.

4.3 Neither Party shall be liable for any delay or failure in performance by it that results from requirements of Applicable Law, or acts or failures to act of any governmental entity or official.

4.4 Each Party shall promptly notify the other Party in writing of any governmental action that limits, suspends, cancels, withdraws, or otherwise materially affects, the notifying Party's ability to perform its obligations under this Agreement.

4.5 If any provision of this Agreement shall be invalid or unenforceable under Applicable Law, such invalidity or unenforceability shall not invalidate or render unenforceable any other provision of this Agreement, and this Agreement shall be construed as if it did not contain such invalid or unenforceable provision; provided, that if the invalid or unenforceable provision is a material provision of this Agreement, or the invalidity or unenforceability materially affects the rights or obligations of a Party hereunder or the ability of a Party to perform any material provision of this Agreement, the Parties shall promptly renegotiate in good faith and amend in writing this Agreement in order to make such mutually acceptable revisions to this Agreement as may be required in order to conform the Agreement to Applicable Law.

4.6 If any legislative, regulatory, judicial or other governmental decision, order, determination or action, or any change in Applicable Law, materially affects any material provision of this Agreement, the rights or obligations of a Party hereunder, or the ability of a Party to perform any material provision of this Agreement, the Parties shall promptly renegotiate in good faith and amend in writing this Agreement in order to make such mutually acceptable revisions to this Agreement as may be required in order to conform the Agreement to Applicable Law. If within thirty (30) days of the effective date of such decision, determination, action or change, the Parties are unable to agree in writing upon mutually acceptable revisions to this Agreement, either Party may pursue any remedies available to it under this Agreement, at law, in equity, or otherwise, including, but not limited to, instituting an appropriate proceeding before the Commission, the FCC, or a court of competent jurisdiction, without first pursuing dispute resolution in accordance with Section 14 of this Agreement.

4.6.1 Notwithstanding Section 4.6 above, to the extent Frontier is required by a change in Applicable Law to provide to Telestride a Service that is not offered under this Agreement to Telestride, the terms, conditions and prices for such Service (including, but not limited to, the terms and conditions defining the Service and stating when and where the Service will be available and how it will be used, and terms, conditions and prices for pre-ordering, ordering, provisioning, repair, maintenance and billing) shall be as provided in an applicable Frontier Tariff, or, in the absence of an applicable Frontier Tariff, as mutually agreed by the Parties in a written amendment to the Agreement that, upon the request of either Party, the Parties shall negotiate in accordance with the requirements of Section 252 of the Act. In no event shall Frontier be required to provide any such Service in the absence of such a Frontier Tariff or amendment.

4.7 Notwithstanding anything in this Agreement to the contrary, if, as a result of any legislative, judicial, regulatory or other governmental decision, order, determination or action, or any change in Applicable Law, Frontier is not required by Applicable Law to provide any Service, payment or benefit, otherwise required to be provided to Telestride hereunder, then Frontier may discontinue the provision of any such Service, payment or benefit, and Telestride shall reimburse Frontier for any payment previously made by Frontier to Telestride that was not required by Applicable Law. Frontier will provide thirty (30) days prior written notice to Telestride of any such discontinuance of a Service, unless a different notice period or different conditions are specified in this Agreement (including, but not limited to, in the Networks Element Attachment or an applicable Tariff) or Applicable Law for termination of such Service in which event such specified period and/or conditions shall apply. For the avoidance of any doubt, this Section 4.7 is self-effectuating and no amendment to this Agreement shall be required to implement it.

4.8 Nothing contained herein shall relieve either Party from meeting any obligations it may have as prescribed in the minimum telephone service standards as set forth in Chapter 4901:1-5-16 and Chapter 4901:1-5-20 of the Ohio Administrative Code, or any successor provisions as may be determined in Case No. 00-1265-TP-ORD.

5. Assignment

Neither Party may assign this Agreement or any right or interest under this Agreement, nor delegate any obligation under this Agreement, without the prior written consent of the other Party, which consent shall not be unreasonably withheld, conditioned or delayed. Any attempted assignment or delegation in violation of this Section 5 shall be void and ineffective and constitute default of this Agreement.

6. Assurance of Payment

6.1 Upon request by Frontier, Telestride shall, at any time and from time to time, provide to Frontier adequate assurance of payment of amounts due (or to become due) to Frontier hereunder.

6.2 Assurance of payment of charges may be requested by Frontier if Telestride (a) prior to the Effective Date, has failed to timely pay a bill rendered to Telestride by Frontier or its Affiliates, (b) on or after the Effective Date, fails to timely pay a bill rendered to Telestride by Frontier or its Affiliates, (c) in Frontier's reasonable judgment, at the Effective Date or at any time thereafter, is unable to demonstrate that it is creditworthy, or (d) admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had a case commenced against it) under the U.S. Bankruptcy Code or any other law relating to bankruptcy, insolvency, reorganization, winding-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.

6.3 Unless otherwise agreed by the Parties, the assurance of payment shall consist of an unconditional, irrevocable standby letter of credit naming Frontier as the beneficiary thereof and otherwise in form and substance satisfactory to Frontier from a financial institution acceptable to Frontier. The letter of credit shall be in an amount equal to two (2) months anticipated charges (including, but not limited to, both recurring and non-recurring charges), as reasonably determined by Frontier, for the Services to be provided by Frontier to Telestride in connection with this Agreement. If Telestride meets the condition in subsection 6.2(d) above or has failed to timely pay two or more bills rendered by Frontier or a Frontier

Affiliate in any twelve (12)-month period, Frontier may, at its option, demand (and Telestride shall provide) additional assurance of payment, consisting of monthly advanced payments of estimated charges as reasonably determined by Frontier, with appropriate true-up against actual billed charges no more frequently than once per Calendar Quarter.

6.4 [Intentionally Left Blank].

6.5 [Intentionally Left Blank].

6.6 Frontier may (but is not obligated to) draw on the letter of credit upon notice to Telestride in respect of any amounts to be paid by Telestride hereunder that are not paid within thirty (30) days of the date that payment of such amounts is required by this Agreement.

6.7 If Frontier draws on the letter of credit, upon request by Frontier, Telestride shall provide a replacement or supplemental letter of credit conforming to the requirements of Section 6.3.

6.8 Notwithstanding anything else set forth in this Agreement, if Frontier makes a request for assurance of payment in accordance with the terms of this Section, then Frontier shall have no obligation thereafter to perform under this Agreement until such time as Telestride has provided Frontier with such assurance of payment.

6.9 The fact that a letter of credit is requested by Frontier hereunder shall in no way relieve Telestride from compliance with the requirements of this Agreement (including, but not limited to, any applicable Tariffs) as to advance payments and payment for Services, nor constitute a waiver or modification of the terms herein pertaining to the discontinuance of Services for nonpayment of any amounts payment of which is required by this Agreement.

7. Audits

7.1 Except as may be otherwise specifically provided in this Agreement, either Party ("Auditing Party") may audit the other Party's ("Audited Party") books, records, documents, facilities and systems for the purpose of evaluating the accuracy of the Audited Party's bills. Such audits may be performed once in each Calendar Year; provided, however, that audits may be conducted more frequently (but no more frequently than once in each Calendar Quarter) if the immediately preceding audit found previously uncorrected net inaccuracies in billing in favor of the Audited Party having an aggregate value of at least $1,000,000.

7.2 The audit shall be performed by independent certified public accountants selected and paid by the Auditing Party. The accountants shall be reasonably acceptable to the Audited Party. Prior to commencing the audit, the accountants shall execute an agreement with the Audited Party in a form reasonably acceptable to the Audited Party that protects the confidentiality of the information disclosed by the Audited Party to the accountants. The audit shall take place at a time and place agreed upon by the Parties; provided, that the Auditing Party may require that the audit commence no later than sixty (60) days after the Auditing Party has given notice of the audit to the Audited Party.

7.3 Each Party shall cooperate fully in any such audit, providing reasonable access to any and all employees, books, records, documents, facilities and systems, reasonably necessary to assess the accuracy of the Audited Party's bills.

7.4 Audits shall be performed at the Auditing Party's expense, provided that there shall be no charge for reasonable access to the Audited Party's employees, books, records, documents, facilities and systems necessary to assess the accuracy of the Audited Party's bills.

8. Authorization

8.1 Frontier represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Wisconsin and has full power and authority to execute and deliver this Agreement and to perform its obligations under this Agreement.

8.2 Telestride represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware, and has full power and authority to execute and deliver this Agreement and to perform its obligations under this Agreement.

8.3 Telestride Certification.

Notwithstanding any other provision of this Agreement, Frontier shall have no obligation to perform under this Agreement until such time as Telestride has obtained such FCC and Commission authorization as may be required by Applicable Law for conducting business in the State of Ohio. Telestride shall not place any Orders under this Agreement until it has obtained such authorization. Telestride shall provide proof of such authorization to Frontier upon request.

9. Billing and Payment; Disputed Amounts

9.1 Except as otherwise provided in this Agreement, each Party shall submit to the other Party on a monthly basis in an itemized form, statement(s) of charges incurred by the other Party under this Agreement.

9.2 Except as otherwise provided in this Agreement, payment of amounts billed for Services provided under this Agreement, whether billed on a monthly basis or as otherwise provided in this Agreement, shall be due, in immediately available U.S. funds, on the later of the following dates (the "Due Date"): (a) the due date specified on the billing Party's statement; or (b) twenty (20) days after the date the statement is received by the billed Party. Payments shall be transmitted by electronic funds transfer.

9.3 If any portion of an amount billed by a Party under this Agreement is subject to a good faith dispute between the Parties, the billed Party shall give notice to the billing Party of the amounts it disputes ("Disputed Amounts") and include in such notice the specific details and reasons for disputing each item. A Party may also dispute prospectively with a single notice a class of charges that it disputes. Notice of a dispute may be given by a Party at any time, either before or after an amount is paid, and a Party's payment of an amount shall not constitute a waiver of such Party's right to subsequently dispute its obligation to pay such amount or to seek a refund of any amount paid. The billed Party shall pay by the Due Date all undisputed amounts. Billing disputes shall be subject to the terms of Section 14, Dispute Resolution.

9.4 Charges due to the billing Party that are not paid by the Due Date, shall be subject to a late payment charge. The late payment charge shall be in an amount specified by the billing Party which shall not exceed a rate of one-and-one-half percent (1.5%) of the overdue amount (including any unpaid previously billed late payment charges) per month.

9.5 Although it is the intent of both Parties to submit timely statements of charges, failure by either Party to present statements to the other Party in a timely manner shall not constitute a breach or default, or a waiver of the right to payment of the incurred charges, by the billing Party under this Agreement, and, except for assertion of a provision of Applicable Law that limits the period in which a suit or other proceeding can be brought before a court or other governmental entity of appropriate jurisdiction to collect amounts due, the billed Party shall not be entitled to dispute the billing Party's statement(s) based on the billing Party's failure to submit them in a timely fashion.

10. Confidentiality

10.1 As used in this Section 10, "Confidential Information" means the following information that is disclosed by one Party ("Disclosing Party") to the other Party ("Receiving Party") in connection with, or anticipation of, this Agreement:

10.1.1 Books, records, documents and other information disclosed in an audit pursuant to Section 7;

10.1.2 Any forecasting information provided pursuant to this Agreement;

10.1.3 Customer Information (except to the extent that (a) the Customer information is published in a directory, (b) the Customer information is disclosed through or in the course of furnishing a Telecommunications Service, such as directory assistance, operator service, Caller ID or similar service, or LIDB service, or (c) the Customer to whom the Customer Information is related has authorized the Receiving Party to use and/or disclose the Customer Information);

10.1.4 information related to specific facilities or equipment (including, but not limited to, cable and pair information);

10.1.5 any information that is in written, graphic, electromagnetic, or other tangible form, and marked at the time of disclosure as "Confidential" or "Proprietary"; and

10.1.6 any information that is communicated orally or visually and declared to the Receiving Party at the time of disclosure, and by written notice with a statement of the information given to the Receiving Party within ten (10) days after disclosure, to be "Confidential" or "Proprietary".

Notwithstanding any other provision of this Agreement, a Party shall have the right to refuse to accept receipt of information which the other Party has identified as Confidential Information pursuant to Sections 10.1.5 or 10.1.6.

10.2 Except as otherwise provided in this Agreement, the Receiving Party shall:

10.2.1 use the Confidential Information received from the Disclosing Party only in performance of this Agreement; and

10.2.2 using the same degree of care that it uses with similar confidential information of its own (but in no case a degree of care that is less than commercially reasonable), hold Confidential Information received from the Disclosing Party in confidence and restrict disclosure of the Confidential Information solely to those of the Receiving Party's Affiliates and the directors, officers, employees, Agents and contractors of the Receiving Party and the Receiving Party's Affiliates,

that have a need to receive such Confidential Information in order to perform the Receiving Party's obligations under this Agreement. The Receiving Party's Affiliates and the directors, officers, employees, Agents and contractors of the Receiving Party and the Receiving Party's Affiliates, shall be required by the Receiving Party to comply with the provisions of this Section 10 in the same manner as the Receiving Party. The Receiving Party shall be liable for any failure of the Receiving Party's Affiliates or the directors, officers, employees, Agents or contractors of the Receiving Party or the Receiving Party's Affiliates, to comply with the provisions of this Section 10.

10.3 The Receiving Party shall return or destroy all Confidential Information received from the Disclosing Party, including any copies made by the Receiving Party, within thirty (30) days after a written request by the Disclosing Party is delivered to the Receiving Party, except for (a) Confidential Information that the Receiving Party reasonably requires to perform its obligations under this Agreement, and (b) one copy for archival purposes only.

10.4 Unless otherwise agreed, the obligations of Sections 10.2 and 10.3 do not apply to information that:

10.4.1 was, at the time of receipt, already in the possession of or known to the Receiving Party free of any obligation of confidentiality and restriction on use;

10.4.2 is or becomes publicly available or known through no wrongful act of the Receiving Party, the Receiving Party's Affiliates, or the directors, officers, employees, Agents or contractors of the Receiving Party or the Receiving Party's Affiliates;

10.4.3 is rightfully received from a third person having no direct or indirect obligation of confidentiality or restriction on use to the Disclosing Party with respect to such information;

10.4.4 is independently developed by the Receiving Party;

10.4.5 is approved for disclosure or use by written authorization of the Disclosing Party (including, but not limited to, in this Agreement); or

10.4.6 is required to be disclosed by the Receiving Party pursuant to Applicable Law, provided that the Receiving Party shall have made commercially reasonable efforts to give adequate notice of the requirement to the Disclosing Party in order to enable the Disclosing Party to seek protective arrangements.

10.5 Notwithstanding the provisions of Sections 10.1 through 10.4, the Receiving Party may use and disclose Confidential Information received from the Disclosing Party to the extent necessary to enforce the Receiving Party's rights under this Agreement or Applicable Law. In making any such disclosure, the Receiving Party shall make reasonable efforts to preserve the confidentiality and restrict the use of the Confidential Information while it is in the possession of any person to whom it is disclosed, including, but not limited to, by requesting any governmental entity to whom the Confidential Information is disclosed to treat it as confidential and restrict its use to purposes related to the proceeding pending before it.

10.6 The Disclosing Party shall retain all of the Disclosing Party's right, title and interest in any Confidential Information disclosed by the Disclosing Party to the Receiving Party. Except as otherwise expressly provided in this Agreement, no license is granted by this Agreement with respect to any Confidential Information (including, but not limited to, under any patent, trademark or copyright), nor is any such license to be implied solely by virtue of the disclosure of Confidential Information.

10.7 The provisions of this Section 10 shall be in addition to and not in derogation of any provisions of Applicable Law, including, but not limited to, 47 U.S.C. § 222, and are not intended to constitute a waiver by a Party of any right with regard to the use, or protection of the confidentiality of, CPNI provided by Applicable Law.

10.8 Each Party's obligations under this Section 10 shall survive expiration, cancellation or termination of this Agreement.

11. Counterparts

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

12. Default

If either Party ("Defaulting Party") fails to make a payment required by this Agreement (including, but not limited to, any payment required by Section 9.3 of undisputed amounts to the billing Party) or materially breaches any other material provision of this Agreement, and such failure or breach continues for thirty (30) days after written notice thereof from the other Party, the other Party may, by written notice to the Defaulting Party, (a) suspend the provision of any or all Services hereunder, or (b) cancel this Agreement and terminate the provision of all Services hereunder.

13. Discontinuance of Service by Telestride

13.1 If Telestride proposes to discontinue, or actually discontinues, its provision of service to all or substantially all of its Customers, whether voluntarily, as a result of bankruptcy, or for any other reason, Telestride shall send written notice of such discontinuance to Frontier, the Commission, and each of Telestride's Customers. Telestride shall provide such notice such number of days in advance of discontinuance of its service as shall be required by Applicable Law. Unless the period for advance notice of discontinuance of service required by Applicable Law is more than thirty (30) days, to the extent commercially feasible, Telestride shall send such notice at least thirty (30) days prior to its discontinuance of service.

13.2 Such notice must advise each Telestride Customer that unless action is taken by the Telestride Customer to switch to a different carrier prior to Telestride's proposed discontinuance of service, the Telestride Customer will be without the service provided by Telestride to the Telestride Customer.

13.3 Should a Telestride Customer subsequently become a Frontier Customer, Telestride shall provide Frontier with all information necessary for Frontier to establish service for the Telestride Customer, including, but not limited to, the Telestride Customer's billed name, listed name, service address, and billing address, and the services being provided to the Telestride Customer.

13.4 Nothing in this Section 13 shall limit Frontier's right to cancel or terminate this Agreement or suspend provision of Services under this Agreement.

14. Dispute Resolution

14.1 Except as otherwise provided in this Agreement, any dispute between the Parties regarding the interpretation or enforcement of this Agreement or any of its terms shall be addressed by good faith negotiation between the Parties. To initiate such negotiation, a Party must provide to the other Party written notice of the dispute that includes both a detailed description of the dispute or alleged nonperformance and the name of an individual who will serve as the initiating Party's representative in the negotiation. The other Party shall have ten Business Days to designate its own representative in the negotiation. The Parties' representatives shall meet at least once within 45 days after the date of the initiating Party's written notice in an attempt to reach a good faith resolution of the dispute. Upon agreement, the Parties' representatives may utilize other alternative dispute resolution procedures such as private mediation to assist in the negotiations.

14.2 If the Parties have been unable to resolve the dispute within 45 days of the date of the initiating Party's written notice, either Party may pursue any remedies available to it under this Agreement, at law, in equity, or otherwise, including, but not limited to, instituting an appropriate proceeding before the Commission, the FCC, or a court of competent jurisdiction.

15. Force Majeure

15.1 Neither Party shall be responsible for any delay or failure in performance which results from causes beyond its reasonable control ("Force Majeure Events"), whether or not foreseeable by such Party. Such Force Majeure Events include, but are not limited to, adverse weather conditions, flood, fire, explosion, earthquake, volcanic action, power failure, embargo, boycott, war, revolution, civil commotion, act of public enemies, labor unrest (including, but not limited to, strikes, work stoppages, slowdowns, picketing or boycotts), inability to obtain equipment, parts, software or repairs thereof, acts or omissions of the other Party, and acts of God.

15.2 If a Force Majeure Event occurs, the non-performing Party shall give prompt notification of its inability to perform to the other Party. During the period that the non-performing Party is unable to perform, the other Party shall also be excused from performance of its obligations to the extent such obligations are reciprocal to, or depend upon, the performance of the non-performing Party that has been prevented by the Force Majeure Event. The non-performing Party shall use commercially reasonable efforts to avoid or remove the cause(s) of its non-performance and both Parties shall proceed to perform once the cause(s) are removed or cease.

15.3 Notwithstanding the provisions of Sections 15.1 and 15.2, in no case shall a Force Majeure Event excuse either Party from an obligation to pay money as required by this Agreement.

15.4 Nothing in this Agreement shall require the non-performing Party to settle any labor dispute except as the non-performing Party, in its sole discretion, determines appropriate.

16. Forecasts

In addition to any other forecasts required by this Agreement, upon request by Frontier, Telestride shall provide to Frontier forecasts regarding the Services that Telestride expects to purchase from Frontier, including, but not limited to, forecasts regarding the types and volumes of Services that Telestride expects to purchase and the locations where such Services will be purchased.

17. Fraud

Telestride assumes responsibility for all fraud associated with its Customers and accounts. Frontier shall bear no responsibility for, and shall have no obligation to investigate or make adjustments to Telestride's account in cases of, fraud by Telestride's Customers or other third parties.

18. Good Faith Performance

The Parties shall act in good faith in their performance of this Agreement. Except as otherwise expressly stated in this Agreement (including, but not limited to, where consent, approval, agreement or a similar action is stated to be within a Party's sole discretion), where consent, approval, mutual agreement or a similar action is required by any provision of this Agreement, such action shall not be unreasonably withheld, conditioned or delayed. If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Agreement, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

19. Headings

The headings used in the Principal Document are inserted for convenience of reference only and are not intended to be a part of or to affect the meaning of the Principal Document.

20. Indemnification

20.1 Each Party ("Indemnifying Party") shall indemnify, defend and hold harmless the other Party ("Indemnified Party"), the Indemnified Party's Affiliates, and the directors, officers and employees of the Indemnified Party and the Indemnified Party's Affiliates, from and against any and all Claims that arise out of bodily injury to or death of any person, or damage to, or destruction or loss of, tangible real and/or personal property of any person, to the extent such injury, death, damage, destruction or loss, was proximately caused by the grossly negligent or intentionally wrongful acts or omissions of the Indemnifying Party, the Indemnifying Party's Affiliates, or the directors, officers, employees, Agents or contractors (excluding the Indemnified Party) of the Indemnifying Party or the Indemnifying Party's Affiliates, in connection with this Agreement.

20.2 Indemnification Process.

20.2.1 As used in this Section 20, "Indemnified Person" means a person whom an Indemnifying Party is obligated to indemnify, defend and/or hold harmless under Section 20.1.

20.2.2 An Indemnifying Party's obligations under Section 20.1 shall be conditioned upon the following:

20.2.3 The Indemnified Person: (a) shall give the Indemnifying Party notice of the Claim promptly after becoming aware thereof (including a statement of facts known to the Indemnified Person related to the Claim and an estimate of the amount thereof); (b) prior to taking any material action with respect to a Third Party Claim, shall consult with the Indemnifying Party as to the procedure to be followed in defending, settling, or compromising the Claim; (c) shall not consent to any settlement or compromise of a Third Party Claim without the written consent of the Indemnifying Party; (d) shall permit the Indemnifying Party to assume the defense of a Third Party Claim (including, except as provided below, the compromise or settlement thereof) at the Indemnifying Party's own cost and expense, provided, however, that the Indemnified Person shall have the right to approve the Indemnifying Party's choice of legal counsel.

20.2.4 If the Indemnified Person fails to comply with Section 20.2.3 with respect to a Claim, to the extent such failure shall have a material adverse effect upon the Indemnifying Party, the Indemnifying Party shall be relieved of its obligation to indemnify, defend and hold harmless the Indemnified Person with respect to such Claim under this Agreement.

20.2.5 Subject to 20.2.6 and 20.2.7, below, the Indemnifying Party shall have the authority to defend and settle any Third Party Claim.

20.2.6 With respect to any Third Party Claim, the Indemnified Person shall be entitled to participate with the Indemnifying Party in the defense of the Claim if the Claim requests equitable relief or other relief that could affect the rights of the Indemnified Person. In so participating, the Indemnified Person shall be entitled to employ separate counsel for the defense at the Indemnified Person's expense. The Indemnified Person shall also be entitled to participate, at its own expense, in the defense of any Claim, as to any portion of the Claim as to which it is not entitled to be indemnified, defended and held harmless by the Indemnifying Party.

20.2.7 In no event shall the Indemnifying Party settle a Third Party Claim or consent to any judgment with regard to a Third Party Claim without the prior written consent of the Indemnified Party, which shall not be unreasonably withheld, conditioned or delayed. In the event the settlement or judgment requires a contribution from or affects the rights of an Indemnified Person, the Indemnified Person shall have the right to refuse such settlement or judgment with respect to itself and, at its own cost and expense, take over the defense against the Third Party Claim, provided that in such event the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify or hold harmless the Indemnified Person against, the Third Party Claim for any amount in excess of such refused settlement or judgment.

20.2.8 The Indemnified Person shall, in all cases, assert any and all provisions in applicable Tariffs and Customer contracts that limit liability to third persons as a bar to, or limitation on, any recovery by a third-person claimant.

20.2.9 The Indemnifying Party and the Indemnified Person shall offer each other all reasonable cooperation and assistance in the defense of any Third Party Claim.

20.3 Each Party agrees that it will not implead or bring any action against the other Party, the other Party's Affiliates, or any of the directors, officers or employees of the other Party or the other Party's Affiliates, based on any claim by any person for personal injury or death that occurs in the course or scope of employment of such person by the other Party or the other Party's Affiliate and that arises out of performance of this Agreement.

20.4 Each Party's obligations under this Section 20 shall survive expiration, cancellation or termination of this Agreement.

21. Insurance

21.1 Telestride shall maintain during the term of this Agreement and for a period of two years thereafter all insurance required to satisfy its obligations under this Agreement (including, but not limited to, its obligations set forth in Section 20 hereof) and all insurance required by Applicable Law. The insurance shall be obtained from an insurer having an A.M. Best insurance rating of at least A-, financial size category VII or greater. At a minimum and without limiting the foregoing undertaking, Telestride shall maintain the following insurance:

21.1.1 Commercial General Liability Insurance, on an occurrence basis, including but not limited to, premises-operations, broad form property damage, products/completed operations, contractual liability, independent contractors, and personal injury, with limits of at least $2,000,000 combined single limit for each occurrence.

21.1.2 Commercial Motor Vehicle Liability Insurance covering all owned, hired and non-owned vehicles, with limits of at least $2,000,000 combined single limit for each occurrence.

21.1.3 Excess Liability Insurance, in the umbrella form, with limits of at least $10,000,000 combined single limit for each occurrence.

21.1.4 Worker's Compensation Insurance as required by Applicable Law and Employer's Liability Insurance with limits of not less than $2,000,000 per occurrence.

21.1.5 All risk property insurance on a full replacement cost basis for all of Telestride's real and personal property located at any Collocation site or otherwise located on or in any Frontier premises (whether owned, leased or otherwise occupied by Frontier), facility, equipment or right-of-way.

21.2 Any deductibles, self-insured retentions or loss limits ("Retentions") for the foregoing insurance must be disclosed on the certificates of insurance to be provided to Frontier pursuant to Sections 21.4 and 21.5, and Frontier reserves the right to reject any such Retentions in its reasonable discretion. All Retentions shall be the responsibility of Telestride.

21.3 Telestride shall name Frontier and Frontier's Affiliates as additional insureds on the foregoing liability insurance.

21.4 Telestride shall, within two (2) weeks of the Effective Date hereof at the time of each renewal of, or material change in, Telestride's insurance policies, and at such other times as Frontier may reasonably specify, furnish certificates or other proof of the foregoing insurance reasonably acceptable to Frontier. The

certificates or other proof of the foregoing insurance shall be sent to: Director-Carrier Service, 180 South Clinton Avenue, Rochester, New York 14646.

21.5 Telestride shall require its contractors, if any, that may enter upon the premises or access the facilities or equipment of Frontier or Frontier's affiliates to maintain insurance in accordance with Sections 21.1 through 21.3 and, if requested, to furnish Frontier certificates or other adequate proof of such insurance acceptable to Frontier in accordance with Section 21.4.

21.6 Failure of Telestride or Telestride's contractors to maintain insurance and provide certificates of insurance as required in Sections 21.1 through 21.5, above, shall be deemed a material breach of this Agreement.

21.7 Certificates furnished by Telestride or Telestride's contractors shall contain a clause stating: "Frontier North Inc. shall be notified in writing at least thirty (30) days prior to cancellation of, or any material change in, the insurance."

22. Intellectual Property

22.1 Except as expressly stated in this Agreement, this Agreement shall not be construed as granting a license with respect to any patent, copyright, trade name, trademark, service mark, trade secret or any other intellectual property, now or hereafter owned, controlled or licensable by either Party. Except as expressly stated in this Agreement, neither Party may use any patent, copyrightable materials, trademark, trade name, trade secret or other intellectual property right, of the other Party except in accordance with the terms of a separate license agreement between the Parties granting such rights.

22.2 Except as stated in Section 22.4, neither Party shall have any obligation to defend, indemnify or hold harmless, or acquire any license or right for the benefit of, or owe any other obligation or have any liability to, the other Party or its Affiliates or Customers based on or arising from any Third Party Claim alleging or asserting that the provision or use of any service, facility, arrangement, or software by either Party under this Agreement, or the performance of any service or method, either alone or in combination with the other Party, constitutes direct, vicarious or contributory infringement or inducement to infringe, or misuse or misappropriation of any patent, copyright, trademark, trade secret, or any other proprietary or intellectual property right of any Party or third person. Each Party, however, shall offer to the other reasonable cooperation and assistance in the defense of any such claim.

22.3 NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, THE PARTIES AGREE THAT NEITHER PARTY HAS MADE, AND THAT THERE DOES NOT EXIST, ANY WARRANTY, EXPRESS OR IMPLIED, THAT THE USE BY EACH PARTY OF THE OTHER'S SERVICES PROVIDED UNDER THIS AGREEMENT SHALL NOT GIVE RISE TO A CLAIM OF INFRINGEMENT, MISUSE, OR MISAPPROPRIATION OF ANY INTELLECTUAL PROPERTY RIGHT.

22.4 Telestride agrees that the Services provided by Frontier hereunder shall be subject to the terms, conditions and restrictions contained in any applicable agreements (including, but not limited to software or other intellectual property license agreements) between Frontier and Frontier's vendors. Frontier agrees to advise Telestride, directly or through a third party, of any such terms, conditions or restrictions that may limit any Telestride use of a Service provided by Frontier that is otherwise permitted by this Agreement. At Telestride's written request, to the extent required by Applicable Law, Frontier will use Frontier's best efforts, as

commercially practicable, to obtain intellectual property rights from Frontier's vendor to allow Telestride to use the Service in the same manner as Frontier that are coextensive with Frontier's intellectual property rights, on terms and conditions that are equal in quality to the terms and conditions under which Frontier has obtained Frontier's intellectual property rights. Telestride shall reimburse Frontier for the cost of obtaining such rights.

23. Joint Work Product

The Principal Document is the joint work product of the Parties, has been negotiated by the Parties, and shall be fairly interpreted in accordance with its terms. In the event of any ambiguities, no inferences shall be drawn against either Party.

24. Law Enforcement

24.1 Each Party may cooperate with law enforcement authorities and national security authorities to the full extent required or permitted by Applicable Law in matters related to Services provided by it under this Agreement, including, but not limited to, the production of records, the establishment of new lines or the installation of new services on an existing line in order to support law enforcement and/or national security operations, and, the installation of wiretaps, trap-and-trace facilities and equipment, and dialed number recording facilities and equipment.

24.2 A Party shall not have the obligation to inform the other Party or the Customers of the other Party of actions taken in cooperating with law enforcement or national security authorities, except to the extent required by Applicable Law.

24.3 Where a law enforcement or national security request relates to the establishment of lines (including, but not limited to, lines established to support interception of communications on other lines), or the installation of other services, facilities or arrangements, a Party may act to prevent the other Party from obtaining access to information concerning such lines, services, facilities and arrangements, through operations support system interfaces.

25. Liability

25.1 As used in this Section 25, "Service Failure" means a failure to comply with a direction to install, restore or terminate Services under this Agreement, a failure to provide Services under this Agreement, and failures, mistakes, omissions, interruptions, delays, errors, defects or the like, occurring in the course of the provision of any Services under this Agreement.

25.2 Except as otherwise stated in Section 25.5, the liability, if any, of a Party, a Party's Affiliates, and the directors, officers and employees of a Party and a Party's Affiliates, to the other Party, the other Party's Customers, and to any other person, for Claims arising out of a Service Failure shall not exceed an amount equal to the pro rata applicable monthly charge for the Services that are subject to the Service Failure for the period in which such Service Failure occurs.

25.3 Except as otherwise stated in Section 25.5, a Party, a Party's Affiliates, and the directors, officers and employees of a Party and a Party's Affiliates, shall not be liable to the other Party, the other Party's Customers, or to any other person, in connection with this Agreement (including, but not limited to, in connection with a Service Failure or any breach, delay or failure in performance, of this Agreement) for special, indirect, incidental, consequential, reliance, exemplary, punitive, or like damages, including, but not limited to, damages for lost revenues, profits or

savings, or other commercial or economic loss, even if the person whose liability is excluded by this Section has been advised of the possibility of such damages.

25.4 The limitations and exclusions of liability stated in Sections 25.1 through 25.3 shall apply regardless of the form of a claim or action, whether statutory, in contract, warranty, strict liability, tort (including, but not limited to, negligence of a Party), or otherwise.

25.5 Nothing contained in Sections 25.1 through 25.4 shall exclude or limit liability:

25.5.1 under Sections 20, Indemnification, or 41, Taxes.

25.5.2 for any obligation to indemnify, defend and/or hold harmless that a Party may have under this Agreement.

25.5.3 for damages arising out of or resulting from bodily injury to or death of any person, or damage to, or destruction or loss of, tangible real and/or personal property of any person, or Toxic or Hazardous Substances, to the extent such damages are otherwise recoverable under Applicable Law;

25.5.4 for a claim for infringement of any patent, copyright, trade name, trade mark, service mark, or other intellectual property interest;

25.5.5 under Section 258 of the Act or any order of FCC or the Commission implementing Section 258; or

25.5.6 under the financial incentive or remedy provisions of any service quality plan required by the FCC or the Commission.

25.6 In the event that the liability of a Party, a Party's Affiliate, or a director, officer or employee of a Party or a Party's Affiliate, is limited and/or excluded under both this Section 25 and a provision of an applicable Tariff, the liability of the Party or other person shall be limited to the smaller of the amounts for which such Party or other person would be liable under this Section or the Tariff provision.

25.7 Each Party shall, in its tariffs and other contracts with its Customers, provide that in no case shall the other Party, the other Party's Affiliates, or the directors, officers or employees of the other Party or the other Party's Affiliates, be liable to such Customers or other third-persons for any special, indirect, incidental, consequential, reliance, exemplary, punitive or other damages, arising out of a Service Failure.

26. Network Management

26.1 Cooperation. The Parties will work cooperatively in a commercially reasonable manner to install and maintain a reliable network. Telestride and Frontier will exchange appropriate information (*e.g.*, network information, maintenance contact numbers, escalation procedures, and information required to comply with requirements of law enforcement and national security agencies) to achieve this desired reliability. In addition, the Parties will work cooperatively in a commercially reasonable manner to apply sound network management principles to alleviate or to prevent traffic congestion and subject to Section 17, to minimize fraud associated with third number billed calls, calling card calls, and other services related to this Agreement.

26.2 Responsibility for Following Standards. Each Party recognizes a responsibility to follow the standards that may be agreed to between the Parties and to employ

characteristics and methods of operation that will not interfere with or impair the service, network or facilities of the other Party or any third parties connected with or involved directly in the network or facilities of the other.

26.3 Interference or Impairment. If a Party ("Impaired Party") reasonably determines that the services, network, facilities, or methods of operation, of the other Party ("Interfering Party") will or are likely to interfere with or impair the Impaired Party's provision of services or the operation of the Impaired Party's network or facilities, the Impaired Party may interrupt or suspend any Service provided to the Interfering Party to the extent necessary to prevent such interference or impairment, subject to the following:

26.3.1 Except in emergency situations (e.g., situations involving a risk of bodily injury to persons or damage to tangible property, or an interruption in Customer service) or as otherwise provided in this Agreement, the Impaired Party shall have given the Interfering Party at least ten (10) days' prior written notice of the interference or impairment or potential interference or impairment and the need to correct the condition within said time period; and taken other actions, if any, required by Applicable Law; and,

26.3.2 Upon correction of the interference or impairment, the Impaired Party will promptly restore the interrupted or suspended Service. The Impaired Party shall not be obligated to provide an out-of-service credit allowance or other compensation to the Interfering Party in connection with the suspended Service.

26.4 Outage Repair Standard. In the event of an outage or trouble in any Service being provided by a Party hereunder, the Providing Party will follow Frontier's standard procedures for isolating and clearing the outage or trouble.

27. Non-Exclusive Remedies

Except as otherwise expressly provided in this Agreement, each of the remedies provided under this Agreement is cumulative and is in addition to any other remedies that may be available under this Agreement or at law or in equity.

28. Notice of Network Changes

If a Party makes a change in the information necessary for the transmission and routing of services using that Party's facilities or network, or any other change in its facilities or network that will materially affect the interoperability of its facilities or network with the other Party's facilities or network, the Party making the change shall publish notice of the change at least ninety (90) days in advance of such change, and shall use reasonable efforts, as commercially practicable, to publish such notice at least one hundred eighty (180) days in advance of the change; provided, however, that if an earlier publication of notice of a change is required by Applicable Law (including, but not limited to, 47 CFR 51.325 through 51.335) notice shall be given at the time required by Applicable Law.

29. Notices

29.1 Except as otherwise provided in this Agreement, notices given by one Party to the other Party under this Agreement:

29.1.1 shall be in writing;

29.1.2 shall be delivered (a) personally, (b) by express delivery service with next Business Day delivery, (c) by first class, certified or registered U.S. mail, postage prepaid, or (d) by facsimile telecopy, with a copy delivered in accordance with (a), (b) or (c), preceding; and

29.1.3 shall be delivered to the following addresses of the Parties:

To Telestride:

James U Troup
Manager
575 7th St., NW
Washington, DC 20004
Telephone: (202) 344-8066
Fax: (202) 344-8300
jtroup@venable.com

To Frontier:

Director, Business Operations -Carrier Service
Frontier Communications
180 South Clinton Avenue
Rochester, New York 14646
Telephone (585) 777-5131
Roderick.cameron@ftr.com

with a copy to:

Attn: Associate General Counsel
Frontier Communications
180 South Clinton Avenue, 7th Floor
Rochester, New York 14646

or to such other address as either Party shall designate by proper notice.

Notices will be deemed given as of the earlier of (a) where there is personal delivery of the notice, the date of actual receipt, (b) where the notice is sent via express delivery service for next Business Day delivery, the next Business Day after the notice is sent, (c) where the notice is sent via First Class U.S. Mail, three (3) Business Days after mailing, (d) where notice is sent via certified or registered U.S. mail, the date of receipt shown on the Postal Service receipt, and (e) where the notice is sent via facsimile telecopy, if the notice is sent on a Business Day and before 5 PM. in the time zone where it is received, on the date set forth on the telecopy confirmation, or if the notice is sent on a non-Business Day or if the notice is sent after 5 PM in the time zone where it is received, the next Business Day after the date set forth on the telecopy confirmation.

Telestride shall notify Frontier, by written notice pursuant to this Section 29, of any changes in the addresses or other Telestride contact information identified under Section 29.1.3 above.

30. Ordering and Maintenance

Telestride shall use Frontier's electronic Operations Support System access platforms to submit Orders and requests for maintenance and repair of Services, and to engage in other pre-ordering, ordering, provisioning, maintenance and repair transactions. If Frontier has not yet deployed an electronic capability for Telestride to perform a pre-

ordering, ordering, provisioning, maintenance or repair, transaction offered by Frontier, Telestride shall use such other processes as Frontier 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).

31. Performance Standards

31.1 Frontier shall provide Services under this Agreement in accordance with the performance standards required by Applicable Law, including, but not limited to, Section 251(c) of the Act.

31.2 Telestride shall provide Services under this Agreement in accordance with the performance standards required by Applicable Law.

32. Point of Contact for Telestride Customers

32.1 Telestride shall establish telephone numbers and mailing addresses at which Telestride Customers may communicate with Telestride and shall advise Telestride Customers of these telephone numbers and mailing addresses.

32.2 Except as otherwise agreed to by Frontier, Frontier shall have no obligation, and may decline, to accept a communication from a Telestride Customer, including, but not limited to, a Telestride Customer request for repair or maintenance of a Frontier Service provided to Telestride.

33. Predecessor Agreements

33.1 Except as stated in Section 33.2 or as otherwise agreed in writing by the Parties:

33.1.1 Further to the provisions of Section 1 of the General Terms and Conditions of this Agreement, any prior interconnection or resale agreement between the Parties for the State of Ohio pursuant to Section 252 of the Act and in effect prior to the Effective Date is hereby amended, extended and restated; and

33.1.2 any Services that were purchased by one Party from the other Party under a prior interconnection or resale agreement between the Parties for the State of Ohio pursuant to Section 252 of the Act and in effect prior to the Effective Date, shall as of the Effective Date be subject to and purchased under this Agreement.

33.2 Except as otherwise agreed in writing by the Parties, if a Service purchased by a Party under a prior interconnection or resale agreement between the Parties pursuant to Section 252 of the Act was subject to a contractual commitment that it would be purchased for a period of longer than one month, and such period had not yet expired as of the Effective Date and the Service had not been terminated prior to the Effective Date, to the extent not inconsistent with this Agreement, such commitment shall remain in effect and the Service will be purchased under this Agreement; provided, that if this Agreement would materially alter the terms of the commitment, either Party may elect to cancel the commitment.

33.3 If either Party elects to cancel the commitment pursuant to the proviso in Section 33.2, the Purchasing Party shall not be liable for any termination charge that would otherwise have applied. However, if the commitment was cancelled by the Purchasing Party, the Providing Party shall be entitled to payment from the Purchasing Party of the difference between the price of the Service that was

actually paid by the Purchasing Party under the commitment and the price of the Service that would have applied if the commitment had been to purchase the Service only until the time that the commitment was cancelled.

34. Publicity and Use of Trademarks or Service Marks

34.1 A Party, its Affiliates, and their respective contractors and Agents, shall not use the other Party's trademarks, service marks, logos or other proprietary trade dress, in connection with the sale of products or services, or in any advertising, press releases, publicity matters or other promotional materials, unless the other Party has given its written consent for such use, which consent the other Party may grant or withhold in its sole discretion.

34.2 Neither Party may imply any direct or indirect affiliation with or sponsorship or endorsement of it or its services or products by the other Party.

34.3 Any violation of this Section 34 shall be considered a material breach of this Agreement.

35. References

35.1 All references to Sections, Appendices and Exhibits shall be deemed to be references to Sections, Appendices and Exhibits of this Agreement unless the context shall otherwise require.

35.2 Unless the context shall otherwise require, any reference to a Tariff, agreement, technical or other document (including Frontier or third party guides, practices or handbooks), or provision of Applicable Law, is to such Tariff, agreement, document, or provision of Applicable Law, as amended and supplemented from time to time (and, in the case of a Tariff or provision of Applicable Law, to any successor Tariff or provision).

36. Relationship of the Parties

36.1 The relationship of the Parties under this Agreement shall be that of independent contractors and nothing herein shall be construed as creating any other relationship between the Parties.

36.2 Nothing contained in this Agreement shall make either Party the employee of the other, create a partnership, joint venture, or other similar relationship between the Parties, or grant to either Party a franchise, distributorship or similar interest.

36.3 Except for provisions herein expressly authorizing a Party to act for another Party, nothing in this Agreement shall constitute a Party as a legal representative or Agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any obligation of any kind, express or implied, against, in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party in writing, which permission may be granted or withheld by the other Party in its sole discretion.

36.4 Each Party shall have sole authority and responsibility to hire, fire, compensate, supervise, and otherwise control its employees, Agents and contractors. Each Party shall be solely responsible for payment of any Social Security or other taxes that it is required by Applicable Law to pay in conjunction with its employees, Agents and contractors, and for withholding and remitting to the applicable taxing authorities any taxes that it is required by Applicable Law to collect from its employees.

36.5 Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party, whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

36.6 The relationship of the Parties under this Agreement is a non-exclusive relationship.

37. Reservation of Rights

37.1 Notwithstanding anything to the contrary in this Agreement, neither Party waives, and each Party hereby expressly reserves, its rights: (a) to appeal or otherwise seek the reversal of and changes in any arbitration decision associated with this Agreement; (b) to challenge the lawfulness of this Agreement and any provision of this Agreement; (c) to seek changes in this Agreement (including, but not limited to, changes in rates, charges and the Services that must be offered) through changes in Applicable Law; (d) to challenge the lawfulness and propriety of, and to seek to change, any Applicable Law, including, but not limited to any rule, regulation, order or decision of the Commission, the FCC, or a court of applicable jurisdiction; and (e) to collect debts owed to it under any prior interconnection or resale agreements. Nothing in this Agreement shall be deemed to limit or prejudice any position a Party has taken or may take before the Commission, the FCC, any other state or federal regulatory or legislative bodies, courts of applicable jurisdiction, or industry fora. The provisions of this Section shall survive the expiration, cancellation or termination of this Agreement.

37.2 Telestride acknowledges Telestride has been advised by Frontier that it is Frontier's position that this Agreement contains certain provisions which are intended to reflect Applicable Law and Commission and/or FCC arbitration decisions.

38. Subcontractors

A Party may use a contractor of the Party (including, but not limited to, an Affiliate of the Party) to perform the Party's obligations under this Agreement; provided, that a Party's use of a contractor shall not release the Party from any duty or liability to fulfill the Party's obligations under this Agreement.

39. Successors and Assigns

This Agreement shall be binding on and inure to the benefit of the Parties and their respective legal successors and permitted assigns.

40. Survival

The rights, liabilities and obligations of a Party for acts or omissions occurring prior to the expiration, cancellation or termination of this Agreement, the rights, liabilities and obligations of a Party under any provision of this Agreement regarding confidential information (including but not limited to, Section 10), indemnification or defense (including, but not limited to, Section 20), or limitation or exclusion of liability (including, but not limited to, Section 25), and the rights, liabilities and obligations of a Party under any provision of this Agreement which by its terms or nature is intended to continue beyond or to be performed after the expiration, cancellation or termination of this Agreement, shall survive the expiration, cancellation or termination of this Agreement.

41. Taxes

41.1 In General. With respect to any purchase of Services under this Agreement, if any federal, state or local tax, fee, surcharge or other tax-like charge, excluding any tax levied on property or net income, (a "Tax") is required or permitted by Applicable Law or a Tariff to be collected from the Purchasing Party by the Providing Party, then (a) the Providing Party shall bill the Purchasing Party for such Tax, as a separately stated item on the invoice, (b) the Purchasing Party shall timely remit such Tax to the Providing Party and (c) the Providing Party shall timely remit such collected Tax to the applicable taxing authority as and to the extent required by Applicable Law.

41.2 Taxes Imposed on the Providing Party or Receipts. With respect to any purchase of Services under this Agreement, if any federal, state or local Tax is imposed by Applicable Law on the receipts of the Providing Party, and such Applicable Law permits the Providing Party to exclude certain receipts received from sales to a public utility, distributor, telephone company, local exchange carrier, telecommunications company or other communications company ("Telecommunications Company"), such exclusion being based on the fact that the Purchasing Party is also subject to a tax based upon receipts ("Receipts Tax"), then the Purchasing Party shall pay and remit the Receipts Tax as required by Applicable Law.

41.3 Taxes Imposed on Subscriber. With respect to any purchase of Services under this Agreement that are resold to a third party, if any federal, state or local Tax is imposed by Applicable Law on the subscriber, end-user, customer or ultimate consumer ("Subscriber") in connection with any such purchase, which a Telecommunications Company is required to impose and/or collect from a Subscriber, or if any federal, state or local Tax is imposed on the Providing Party and required by Applicable Law to be passed through to the Subscriber, then the Purchasing Party (a) shall impose and/or collect such Tax from the Subscriber and (b) shall timely remit such Tax to the applicable taxing authority.

41.4 Tax Exemptions and Exemption Certificates. If Applicable Law clearly exempts a purchase hereunder from a Tax, and if such Applicable Law also provides an exemption procedure, such as an exemption certificate requirement, then, if the Purchasing Party complies with such procedure, the Providing Party shall not collect such Tax during the effective period of such exemption. Such exemption shall be effective upon receipt of the exemption certificate or affidavit in accordance with the terms set forth in Section 41.7. If Applicable Law clearly exempts a purchase hereunder from a Tax, but does not also provide an exemption procedure, then the Providing Party shall not collect such Tax if the Purchasing Party (a) furnishes the Providing Party with a letter signed by an officer requesting such an exemption and citing the provision in the Applicable Law which clearly allows such exemption and (b) supplies the Providing Party with an indemnification agreement, acceptable to the Providing Party, which holds the Providing Party harmless on an after-tax basis with respect to its forbearing to collect such Tax.

41.5 Liability for Uncollected Tax, Interest and Penalty.

41.5.1 If the Providing Party has not received an exemption certificate from the Purchasing Party and the Providing Party fails to bill the Purchasing Party for any Tax as required by Section 41.1, then, as between the Providing Party and the Purchasing Party, (a) the Purchasing Party shall remain liable for such unbilled Tax and any interest assessed thereon and (b) the Providing Party shall be liable for any penalty assessed with respect to such unbilled Tax by a taxing authority.

41.5.2 If the Providing Party properly bills the Purchasing Party for any Tax but the Purchasing Party fails to remit such Tax to the Providing Party as required by Section 41.2, then, as between the Providing Party and the Purchasing Party, the Purchasing Party shall be liable for such uncollected Tax and any interest assessed thereon, as well as any penalty assessed with respect to such uncollected Tax by the applicable taxing authority.

41.5.3 If the Providing Party does not collect any Tax as required by Section 41.1 because the Purchasing Party has provided such Providing Party with an exemption certificate that is later found to be inadequate, invalid or inapplicable by a taxing authority, then, as between the Providing Party and the Purchasing Party, the Purchasing Party shall be liable for such uncollected Tax and any interest assessed thereon, as well as any penalty assessed with respect to such uncollected Tax by the applicable taxing authority.

41.5.4 If the Purchasing Party fails to pay the Receipts Tax as required by Section 41.2, then, as between the Providing Party and the Purchasing Party, (a) the Providing Party shall be liable for any Tax imposed on its receipts and (b) the Purchasing Party shall be liable for any interest assessed thereon and any penalty assessed upon the Providing Party with respect to such Tax by the applicable taxing authority.

41.5.5 If the Purchasing Party fails to impose and/or collect any Tax from Subscribers as required by Section 41.3, then, as between the Providing Party and the Purchasing Party, the Purchasing Party shall remain liable for such uncollected Tax and any interest assessed thereon, as well as any penalty assessed with respect to such uncollected Tax by the applicable taxing authority. With respect to any Tax that the Purchasing Party has agreed to pay, or is required to impose on and/or collect from Subscribers, the Purchasing Party agrees to indemnify and hold the Providing Party harmless 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 recover the Tax from the Providing Party due to the failure of the Purchasing Party to timely pay, or collect and timely remit, such Tax to such authority.

41.6 Audit Cooperation. In the event either Party is audited by a taxing authority, the other Party agrees to cooperate fully with the Party being audited in order to respond to any audit inquiries in a proper and timely manner so that the audit and/or any resulting controversy may be resolved expeditiously.

41.7 Notices. All notices, affidavits, exemption-certificates or other communications required or permitted to be given by either Party to the other, for purposes of this Section 41, shall be made in writing and shall be delivered in person or sent by certified mail, return receipt requested, or registered mail, or a courier service providing proof of service, and sent to the addressees set forth in Section 29 as well as to the following:

To Frontier:

Frontier Communications
Tax Department
180 South Clinton Avenue
Rochester, New York 14646

To Telestride:

James U Troup
Manager
575 7th St., NW
Washington, DC 20004
Telephone: (202) 344-8066
Fax: (202) 344-8300
jtroup@venable.com

Each Party may from time to time designate another address or other addressees by giving notice in accordance with the terms of this Section. Any notice or other communication shall be deemed to be given when received.

42. Technology Upgrades

Notwithstanding any other provision of this Agreement, Frontier shall have the right to deploy, upgrade, migrate and maintain its network at its discretion. The Parties acknowledge that Frontier, at its election, may deploy fiber throughout its network and that such fiber deployment may inhibit or facilitate Telestride's ability to provide service using certain technologies. Nothing in this Agreement shall limit Frontier's ability to modify its network through the incorporation of new equipment or software or otherwise. Telestride shall be solely responsible for the cost and activities associated with accommodating such changes in its own network.

43. Territory

43.1 This Agreement applies to the territory in which Frontier operates as an Incumbent Local Exchange Carrier in the State of Ohio. Frontier shall be obligated to provide Services under this Agreement only within this territory.

43.2 Notwithstanding any other provision of this Agreement, Frontier may terminate this Agreement as to a specific operating territory or portion thereof if Frontier sells or otherwise transfers its operations in such territory or portion thereof to a third-person. Frontier shall provide Telestride with at least 90 calendar days prior written notice of such termination, which shall be effective upon the date specified in the notice.

44. Third Party Beneficiaries

Except as expressly set forth in this Agreement, this Agreement is for the sole benefit of the Parties and their permitted assigns, and nothing herein shall create or be construed to provide any third-persons (including, but not limited to, Customers or contractors of a Party) with any rights (including, but not limited to, any third-party beneficiary rights) hereunder. Except as expressly set forth in this Agreement, a Party shall have no liability under this Agreement to the Customers of the other Party or to any other third person.

45. [This Section Intentionally Left Blank]

46. 252(i) Obligations

To the extent required by Applicable Law, each Party shall comply with Section 252(i) of the Act. To the extent that the exercise by Telestride of any rights it may have under Section 252(i) results in the rearrangement of Services by Frontier, Telestride shall be solely liable for all costs associated therewith, as well as for any termination charges associated with the termination of existing Frontier Services.

47. Use of Service

Each Party shall make commercially reasonable efforts to ensure that its Customers comply with the provisions of this Agreement (including, but not limited to the provisions of applicable Tariffs) applicable to the use of Services purchased by it under this Agreement.

48. Waiver

A failure or delay of either Party to enforce any of the provisions of this Agreement, or any right or remedy available under this Agreement or at law or in equity, or to require performance of any of the provisions of this Agreement, or to exercise any option which is provided under this Agreement, shall in no way be construed to be a waiver of such provisions, rights, remedies or options.

49. Warranties

EXCEPT AS EXPRESSLY STATED IN THIS AGREEMENT, NEITHER PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE SERVICES PROVIDED, OR TO BE PROVIDED, UNDER THIS AGREEMENT AND THE PARTIES DISCLAIM ANY OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, **WARRANTIES OF MERCHANTABILITY, WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE** WARRANTIES AGAINST INFRINGEMENT, AND WARRANTIES ARISING BY TRADE CUSTOM, TRADE USAGE, COURSE OF DEALING OR PERFORMANCE, OR OTHERWISE.

50. Withdrawal of Services

50.1 Notwithstanding anything contained in this Agreement, except as otherwise required by Applicable Law, Frontier may terminate its offering and/or provision of any Service under this Agreement upon thirty (30) days prior written notice to Telestride.

50.2 Notwithstanding anything contained in this Agreement, except as otherwise required by Applicable Law, Frontier may with thirty (30) days prior written notice to Telestride terminate any provision of this Agreement that provides for the payment by Frontier to Telestride of compensation related to traffic, including, but not limited to, Reciprocal Compensation and other types of compensation for termination of traffic delivered by Frontier to Telestride. Following such termination, except as otherwise agreed in writing by the Parties, Frontier shall be obligated to provide compensation to Telestride related to traffic only to the extent required by Applicable Law. If Frontier exercises its right of termination under this Section, the Parties shall negotiate in good faith appropriate substitute provisions for compensation related to traffic; provided, however, that except as otherwise voluntarily agreed by Frontier in writing in its sole discretion, Frontier shall be obligated to provide compensation to Telestride related to traffic only to the extent required by Applicable Law. If within thirty (30) days after Frontier's notice of termination the Parties are unable to agree in writing upon mutually acceptable substitute provisions for compensation related to traffic, either Party may submit their disagreement to dispute resolution in accordance with Section 14 of this Agreement.

SIGNATURE PAGE

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of the Effective Date.

TELESTRIDE, LLC

By: _____
5/7/2012

Printed: James U Troup

Title: Manager, Telestride

FRONTIER NORTH INC.

By: _____

Printed: Stephen LeVan

Title: SVP, Carrier Sales and Services

GLOSSARY

1. General Rule

1.1 The provisions of Sections 1.2 through 1.4 and Section 2 apply with regard to the Principal Document. Terms used in a Tariff shall have the meanings stated in the Tariff.

1.2 Unless the context clearly indicates otherwise, when a term listed in this Glossary is used in the Principal Document, the term shall have the meaning stated in this Glossary. A defined term intended to convey the meaning stated in this Glossary is capitalized when used. Other terms that are capitalized, and not defined in this Glossary or elsewhere in the Principal Document, shall have the meaning stated in the Act. Additional definitions that are specific to the matters covered in a particular provision of the Principal Document may appear in that provision. To the extent that there may be any conflict between a definition set forth in this Glossary and any definition in a specific provision, the definition set forth in the specific provision shall control with respect to that provision.

1.3 Unless the context clearly indicates otherwise, any term defined in this Glossary which is defined or used in the singular shall include the plural, and any term defined in this Glossary which is defined or used in the plural shall include the singular.

1.4 The words “shall” and “will” are used interchangeably throughout the Principal Document and the use of either indicates a mandatory requirement. The use of one or the other shall not confer a different degree of right or obligation for either Party.

2. Definitions

2.1 Act.

The Communications Act of 1934 (47 U.S.C. §151 et seq.), as from time to time amended (including, but not limited to, by the Telecommunications Act of 1996).

2.2 Advanced Services.

As a general matter, shall have the meaning set forth by the FCC.

2.3 Affiliate.

Shall have the meaning set forth in the Act.

2.4 Agent.

An agent or servant.

2.5 Agreement.

This Agreement, as defined in Section 1 of the General Terms and Conditions.

2.6 ALI (Automatic Location Identification) Database.

The emergency services (E-911) database controlled by Frontier containing

caller address/location information including the carrier name, National Emergency Numbering Administration (“NENA”) ID, Call Back Number, and other carrier information used to process caller location records.

2.7 Ancillary Traffic.

All traffic that is destined for ancillary services, or that may have special billing requirements, including but not limited to the following: directory assistance, 911/E-911, operator services (IntraLATA call completion), IntraLATA third party, collect and calling card, 800/888 database query and LIDB.

2.8 ANI (Automatic Number Identification).

The signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.

2.9 Applicable Law.

All effective laws, government regulations and government orders, applicable to each Party’s performance of its obligations under this Agreement. For the avoidance of any doubt, when used in relation to unbundled Network Elements or Combinations of unbundled Network Elements, the term "Applicable Law" means the Federal Unbundling Rules.

2.10 ASR (Access Service Request).

An industry standard form, which contains data elements and usage rules used by the Parties to add, establish, change or disconnect services or trunks for the purposes of interconnection.

2.11 ATIS.

The Alliance for Telecommunications Industry Solutions.

2.12 BFR (Bona Fide Request).

The process described in the Network Element Attachment that prescribes the terms and conditions relating to a Party's request that the other Party provide a UNE that it is not otherwise required to provide under the terms of this Agreement.

2.13 Business Day.

Monday through Friday, except for holidays observed by Frontier.

2.14 Calendar Quarter.

January through March, April through June, July through September, or October through December.

2.15 Calendar Year.

January through December.

2.16 [Intentionally Left Blank].

2.17 Call Back Number.

A telephone number that can be used by the PSAP to re-contact the location from which a 911/E-911 Call was placed. The telephone number may or may not be the telephone number of the station used to originate the 911/E-911 Call.

2.18 CCS (Common Channel Signaling).

A method of transmitting call set-up and network control data over a digital signaling network separate from the public switched telephone network facilities that carry the actual voice or data content of the call.

2.19 Central Office.

An End Office or Tandem. Sometimes this term is used to refer to a telephone company building in which switching systems and telephone equipment are installed.

2.20 [Intentionally Left Blank].

2.21 Claims.

Any and all claims, demands, suits, actions, settlements, judgments, fines, penalties, liabilities, injuries, damages, losses, costs (including, but not limited to, court costs), and expenses (including, but not limited to, reasonable attorney's fees).

2.22 CLEC (Competitive Local Exchange Carrier).

Any Local Exchange Carrier other than Frontier that is operating as a Local Exchange Carrier in the territory in which Frontier operates as an ILEC in the State of Ohio. Telestride is or shortly will become a CLEC.

2.23 CLLI Codes.

Common Language Location Identifier Codes.

2.24 CMDS (Centralized Message Distribution System).

The billing record and clearing house transport system that LECs use to exchange out collects and in collects as well as Carrier Access Billing System (CABS) records.

2.25 Commission.

Public Utilities Commission of Ohio.

2.26 Controlling 911 Authority.

The duly authorized state, county or local government agency empowered by law to oversee the 911/E-911 services, operations and systems within a defined jurisdiction.

2.27 CPN (Calling Party Number).

A CCS parameter that identifies the calling party's telephone number.

2.28 CPNI (Customer Proprietary Network Information).

Shall have the meaning set forth in Section 222 of the Act, 47 U.S.C. § 222.

2.29 Cross Connection.

For a collocation arrangement, the facilities between the collocating Party's equipment and the equipment or facilities of the housing Party (such as the housing Party's digital signal cross connect, Main Distribution Frame, or other suitable frame or panel).

2.30 Customer.

A third party residence or business end-user subscriber to Telephone Exchange Services provided by either of the Parties.

2.31 Intentionally Left Blank

2.32 Intentionally Left Blank

2.33 Dedicated Transport.

A DS0-, DS1-, or DS3-capacity transmission facility between Frontier switches (as identified in the LERG) or UNE Wire Centers, within a LATA, that is dedicated to a particular end user or carrier. Dedicated Transport is sometimes referred to as dedicated interoffice facilities ("IOF"). Dedicated Transport does not include any facility that does not connect a pair of Frontier UNE Wire Centers.

2.34 Default PSAP.

The PSAP designated by the Controlling 911 Authority to receive a 911/E-911 Call when it is not feasible to route that 911/E-911 Call to the Designated PSAP.

2.35 Designated PSAP.

The primary PSAP designated by the Controlling 911 Authority to receive a 911/E-911 Call based upon the geographic location of the end user.

2.36 Digital Signal Level.

One of several transmission rates in the time-division multiplex hierarchy.

2.37 Discontinued Facility.

Any facility, element, arrangement or the like that the Federal Unbundling Rules do not require Frontier to provide on an unbundled basis to Telestride, whether because the facility was never subject to an unbundling requirement under the Federal Unbundling Rules, because the facility by operation of law has ceased or ceases to be subject to an unbundling requirement under the Federal Unbundling Rules, or otherwise.

2.38 DS0 (Digital Signal Level 0).

The 64kbps zero-level signal in the time-division multiplex hierarchy.

2.39 DS1 (Digital Signal Level 1).

The 1.544 Mbps first-level signal in the time-division multiplex hierarchy.

2.40 DS1 Dedicated Transport.

Dedicated Transport having a total digital signal speed of 1.544 Mbps.

2.41 DS3 (Digital Signal Level 3).

The 44.736 Mbps third-level signal in the time-division multiplex hierarchy.

2.42 DS3 Dedicated Transport.

Dedicated Transport having a total digital signal speed of 44.736 Mbps.

2.43 DS3 Loop.

A digital transmission channel, between the main distribution frame (or its equivalent) in an end user's serving UNE Wire Center and the demarcation point at the end user customer's premises, suitable for the transport of isochronous bipolar serial data at a rate of 44.736 Mbps (the equivalent of 28 DS1 channels). This Loop type is more fully described in Frontier TR 72575, as revised from time to time. A DS3 Loop requires the electronics necessary to provide the DS3 transmission rate.

2.44 EMI (Exchange Message Interface).

Standard used for the interexchange of telecommunications message information between local exchange carriers and interexchange carriers for billable, non-billable, sample, settlement and study data. Data is provided between companies via a unique record layout that contains Customer billing information, account summary and tracking analysis. EMI format is contained in document SR-320 published by ATIS.

2.45 End Office.

A switching entity that is used for connecting lines to lines or lines to trunks for the purpose of originating/terminating calls. Sometimes this term is used to refer to a telephone company building in which switching systems and telephone equipment are installed.

2.46 [Intentionally Left Blank].

2.47 Exchange Access.

Shall have the meaning set forth in the Act.

2.48 Extended Local Calling Scope Arrangement.

An arrangement that provides a Customer a local calling scope (Extended Area Service, "EAS"), outside of the Customer's basic exchange serving area. Extended Local Calling Scope Arrangements may be either optional or non-optional. "Optional Extended Local Calling Scope Arrangement Traffic" is traffic that under an optional Extended Local Calling Scope Arrangement chosen by the Customer terminates outside of the Customer's basic exchange serving area.

2.49 FCC.

The Federal Communications Commission.

2.50 FCC Internet Orders.

The following FCC orders: (a) Order on Remand and Report and Order, *In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP Bound Traffic*, FCC 01-131, CC Docket Nos. 96-98 and 99-68, 16 FCC Rcd 9151 (adopted April 18, 2001) (hereinafter the "April 18, 2001 FCC Internet Order"); and, (b) Order on Remand and Report and Order and Further Notice of Proposed Rulemaking, *In the Matter of High-Cost Universal Service Support; Federal-State Joint Board on Universal Service; Lifeline and Link Up; Universal Service Contribution Methodology; Numbering Resource Optimization; Implementation of the Local Competition Provisions in the Telecommunications Act of 1996; Developing a Unified Intercarrier Compensation Regime; Intercarrier Compensation for ISP-Bound Traffic; IP-Enabled Services*, FCC 08-262, CC Docket Nos. 96-45, 96-98, 99-68, 99-200, 01-92, WC Docket Nos. 03-109, 04-36, 05-337, 06-122 (adopted November 5, 2008) (hereinafter the "November 5, 2008 FCC Internet Order").

2.51 FCC Regulations.

The unstayed, effective regulations promulgated by the FCC, as amended from time to time.

2.52 Federal Unbundling Rules.

Any lawful requirement to provide access to unbundled Network Elements or Combinations of unbundled Network Elements that is imposed upon Frontier by the FCC pursuant to both 47 U.S.C. § 251(c)(3) and 47 C.F.R. Part 51. Any reference in this Agreement to "Federal Unbundling Rules" shall not include an unbundling requirement if the unbundling requirement does not exist under both 47 U.S.C. § 251(c)(3) and 47 C.F.R. Part 51.

2.53 Feeder.

The fiber optic cable (lit or unlit) or metallic portion of a Loop between a serving End Office and a remote terminal or feeder/distribution interface.

2.54 FNID (Fiber Network Interface Device).

A passive fiber optic demarcation unit designed for the interconnection and demarcation of optical fibers between two separate network providers.

2.55 FTTP Loop.

A Loop consisting entirely of fiber optic cable, whether dark or lit, that extends from the main distribution frame (or its equivalent) in an end user's serving End Office to the demarcation point at the end user's customer premises or to a serving area interface at which the fiber optic cable connects to copper or coaxial distribution facilities that extend to the end user's customer premises demarcation point, provided that all copper or coaxial distribution facilities extending from such serving area interface are not more than 500 feet from the demarcation point at the respective end users' customer premises; provided, however, that in the case of predominantly residential multiple dwelling units (MDUs), an FTTP Loop is a Loop consisting entirely of fiber optic cable, whether

dark or lit, that extends from the main distribution frame (or its equivalent) in the End Office that serves the multiunit premises: (a) to or beyond the multiunit premises' minimum point of entry (MPOE), as defined in 47 C.F.R. § 68.105; or (b) to a serving area interface at which the fiber optic cable connects to copper or coaxial distribution facilities that extend to or beyond the multiunit premises' MPOE, provided that all copper or coaxial distribution facilities extending from such serving area interface are not more than 500 feet from the MPOE at the multiunit premises.

2.56 House and Riser Cable.

A two-wire metallic distribution facility in Frontier's network between the minimum point of entry for a building where a premises of a Customer is located (such a point, an "MPOE") and the Rate Demarcation Point for such facility (or NID) if the NID is located at such Rate Demarcation Point).

2.57 Hybrid Loop.

A Loop composed of both fiber optic cable and copper wire or cable. An FTTP Loop is not a Hybrid Loop.

2.58 IDLC (Integrated Digital Loop Carrier).

A subscriber Loop carrier system that integrates within the switch at a DS1 level, which is twenty-four (24) Loop transmission paths combined into a 1.544 Mbps digital signal.

2.59 ILEC (Incumbent Local Exchange Carrier).

Shall have the meaning stated in the Act.

2.60 Information Access.

The provision of specialized exchange telecommunications services in connection with the origination, termination, transmission, switching, forwarding or routing of telecommunications traffic to or from the facilities of a provider of information services, including a provider of Internet access or Internet transmission services.

2.61 Inside Wire or Inside Wiring.

All wire, cable, terminals, hardware, and other equipment or materials, on the Customer's side of the Rate Demarcation Point.

2.62 Interconnection Wire Center.

A building or portion thereof which serves as the premises for one or more End Offices, Tandems and related facilities.

2.63 Internet Traffic.

Any traffic that is transmitted to or returned from the Internet at any point during the duration of the transmission.

2.64 InterLATA Service.

Shall have the meaning set forth in the Act.

2.65 IntraLATA.

Telecommunications that originate and terminate within the same LATA.

2.66 [Intentionally Left Blank].

2.67 ISDN (Integrated Services Digital Network).

A switched network service providing end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for digital transmission of two (2) 64 kbps bearer channels and one (1) 16 kbps data and signaling channel (2B+D). Primary Rate Interface-ISDN (PRI-ISDN) provides for digital transmission of twenty-three (23) 64 kbps bearer channels and one (1) 64 kbps data and signaling channel (23B+D).

2.68 IXC (Interexchange Carrier).

A Telecommunications Carrier that provides, directly or indirectly, InterLATA or IntraLATA Telephone Toll Services.

2.69 LATA (Local Access and Transport Area).

Shall have the meaning set forth in the Act.

2.70 LEC (Local Exchange Carrier).

Shall have the meaning set forth in the Act.

2.71 LERG (Local Exchange Routing Guide).

A Telcordia Technologies reference containing NPA/NXX routing and homing information.

2.72 LIDB (Line Information Data Base).

Line Information databases which provide, among other things, calling card validation functionality for telephone line number cards issued by Frontier and other entities and validation data for collect and third number-billed calls (e.g., data for billed number screening).

2.73 [Intentionally Left Blank].

2.74 Line Side.

An End Office connection that provides transmission, switching and optional features suitable for Customer connection to the public switched network, including loop start supervision, ground start supervision and signaling for BRI-ISDN service.

2.75 Loop.

A transmission path that extends from a Main Distribution Frame or functionally comparable piece of equipment in a Customer's serving End Office, to the Rate Demarcation Point (or NID if installed at the Rate Demarcation Point) in or at the Customer's premises. The actual transmission facilities used to provide a Loop may utilize any of several technologies.

2.76 LSR (Local Service Request).

An industry standard form, which contains data elements and usage rules, used by the Parties to establish, add, change or disconnect resold Telecommunications Services and Network Elements.

2.77 Maintenance Control Office.

Either Party's center responsible for control of the maintenance and repair of a circuit.

2.78 MDF (Main Distribution Frame).

The primary point at which outside plant facilities terminate within an Interconnection Wire Center, for interconnection to other Telecommunications facilities within the Interconnection Wire Center. The distribution frame used to interconnect cable pairs and line trunk equipment terminating on a switching system.

2.79 Measured Internet Traffic.

Dial-up, switched Internet Traffic originated by a Customer of one Party on that Party's network at a point in a Frontier local calling area, and delivered to a Customer or an Internet Service Provider served by the other Party, on that other Party's network at a point in the same Frontier local calling area. Frontier local calling areas shall be as defined by Frontier. For the purposes of this definition, a Frontier local calling area includes a Frontier non-optional Extended Local Calling Scope Arrangement, but does not include a Frontier optional Extended Local Calling Scope Arrangement. Calls originated on a 1+ presubscription basis, or on a casual dialed (10XXX/101XXXX) basis, are not considered Measured Internet Traffic. For the avoidance of any doubt, Virtual Foreign Exchange Traffic (i.e., V/FX Traffic) (as defined in the Interconnection Attachment) does not constitute Measured Internet Traffic.

2.80 MECAB (Multiple Exchange Carrier Access Billing).

A document prepared by the Billing Committee of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of ATIS. The MECAB document, published by ATIS as "ATIS/OBF-MECAB", as revised from time to time, contains the recommended guidelines for the billing of an Exchange Access Service provided by two or more LECs, or by one LEC in two or more states, within a single LATA.

2.81 MECOD (Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface).

A document developed by the Ordering/Provisioning Committee under the auspices of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of ATIS. The MECOD document, published by ATIS as "ATIS/OBF-MECOD", as revised from time to time, establishes methods for processing orders for Exchange Access Service that is to be provided by two or more LECs.

2.82 [Intentionally Left Blank].

2.83 Mobile Wireless Services.

Any mobile wireless Telecommunications Service, including any commercial mobile radio service.

2.84 NANP (North American Numbering Plan).

The system of telephone numbering employed in the United States, Canada, Bermuda, Puerto Rico and certain Caribbean islands. The NANP format is a 10-digit number that consist of a 3-digit NPA Code (commonly referred to as the area code), followed by a 3-digit NXX code and 4 digit line number.

2.85 Network Element.

Shall have the meaning stated in the Act.

2.86 NID (Network Interface Device).

The Frontier provided interface terminating Frontier's Telecommunications network on the property where the Customer's service is located at a point determined by Frontier. The NID contains an FCC Part 68 registered jack from which Inside Wire may be connected to Frontier's network.

2.87 911/E-911 Call(s).

Call(s) made by the Telestride end user by dialing the three digit telephone number "911" to facilitate the reporting of an emergency requiring response by a public safety agency.

2.88 911/E-911 Service Provider.

An entity authorized to provide 911/E-911 network and database services within a particular jurisdiction.

2.89 Non-Revertive.

Where traffic is redirected to a protection line because of failure of a working line and the working line is repaired, traffic will remain on the protection line until there is either manual intervention or a failure of the protection line.

2.90 NPA (Numbering Plan Area).

Also sometimes referred to as an area code, is the first three-digit indicator of each 10-digit telephone number within the NANP. There are two general categories of NPA, "Geographic NPAs" and "Non-Geographic NPAs". A Geographic NPA is associated with a defined geographic area, and all telephone numbers bearing such NPA are associated with services provided within that geographic area. A Non-Geographic NPA, also known as a "Service Access Code" or "SAC Code" is typically associated with a specialized Telecommunications Service that may be provided across multiple geographic NPA areas. 500, 700, 800, 888 and 900 are examples of Non-Geographic NPAs.

2.91 NXX, NXX Code, Central Office Code or CO Code.

The three-digit switch entity indicator (i.e. the first three digits of a seven-digit telephone number).

2.92 Order.

An order or application to provide, change or terminate a Service (including, but not limited to, a commitment to purchase a stated number or minimum number of lines or other Services for a stated period or minimum period of time).

2.93 Originating Switched Access Detail Usage Data.

A category 1101XX record as defined in the EMI Telcordia Practice BR-010-200-010.

2.94 POI (Point of Interconnection).

The physical location where the Parties' respective facilities physically interconnect for the purpose of mutually exchanging their traffic. As set forth in the Interconnection Attachment, a Point of Interconnection shall be at (i) a technically feasible point on Frontier's network in a LATA and/or (ii) a fiber meet point to which the Parties mutually agree under the terms of this Agreement. By way of example, a technically feasible Point of Interconnection on Frontier's network in a LATA would include an applicable Frontier Tandem Interconnection Wire Center or Frontier End Office Interconnection Wire Center but, notwithstanding any other provision of this Agreement or otherwise, would not include a Telestride Interconnection Wire Center, Telestride switch or any portion of a transport facility provided by Frontier to Telestride or another party between (x) a Frontier Interconnection Wire Center or switch and (y) the Interconnection Wire Center or switch of Telestride or another party.

2.95 Primary Reference Source.

Equipment that provides a timing signal to synchronize network elements.

2.96 Principal Document.

This document, including, but not limited to, the Title Page, the Table of Contents, the Preface, the General Terms and Conditions, the signature page, this Glossary, the Attachments, and the Appendices to the Attachments.

2.97 Providing Party.

A Party offering or providing a Service to the other Party under this Agreement.

2.98 PSAP.

Public Safety Answering Point.

2.99 Purchasing Party.

A Party requesting or receiving a Service from the other Party under this Agreement.

2.100 Qualifying UNE.

An unbundled Network Element or a combination of unbundled Network Elements obtained, pursuant to the Federal Unbundling Rules, under this Agreement or a Frontier UNE Tariff.

2.101 Qualifying Wholesale Services.

Wholesale services obtained from Frontier under a Frontier access Tariff or a

separate wholesale agreement.

2.102 Rate Center Area.

The geographic area that has been identified by a given LEC as being associated with a particular NPA-NXX code assigned to the LEC for its provision of Telephone Exchange Services. The Rate Center Area is the exclusive geographic area that the LEC has identified as the area within which it will provide Telephone Exchange Services bearing the particular NPA-NXX designation associated with the specific Rate Center Area.

2.103 Rate Center Point.

A specific geographic point, defined by a V&H coordinate, located within the Rate Center Area and used to measure distance for the purpose of billing for distance-sensitive Telephone Exchange Services and Toll Traffic. Pursuant to Telcordia Practice BR-795-100-100, the Rate Center Point may be an End Office location, or a "LEC Consortium Point of Interconnection".

2.104 Rate Demarcation Point.

The physical point in a Frontier provided network facility at which Frontier's responsibility for maintaining that network facility ends and the Customer's responsibility for maintaining the remainder of the facility begins, as set forth in this Agreement, Frontier's applicable Tariffs, if any, or as otherwise prescribed under Applicable Law.

2.105 Reciprocal Compensation.

The arrangement for recovering, in accordance with Section 251(b)(5) of the Act, the FCC Internet Orders, and other applicable FCC orders and FCC Regulations, costs incurred for the transport and termination of Reciprocal Compensation Traffic originating on one Party's network and terminating on the other Party's network (as set forth in Section 7 of the Interconnection Attachment).

2.106 Reciprocal Compensation Traffic.

Telecommunications traffic originated by a Customer of one Party on that Party's network and terminated to a Customer of the other Party on that other Party's network, except for Telecommunications traffic that is interstate or intrastate Exchange Access, Information Access, or exchange services for Exchange Access or Information Access. The determination of whether Telecommunications traffic is Exchange Access or Information Access shall be based upon Frontier's local calling areas as defined by Frontier. Reciprocal Compensation Traffic does not include the following traffic (it being understood that certain traffic types will fall into more than one (1) of the categories below that do not constitute Reciprocal Compensation Traffic): (1) any Internet Traffic; (2) traffic that does not originate and terminate within the same Frontier local calling area as defined by Frontier, and based on the actual originating and terminating points of the complete end-to-end communication; (3) Toll Traffic, including, but not limited to, calls originated on a 1+ presubscription basis, or on a casual dialed (10XXX/101XXXX) basis; (4) Optional Extended Local Calling Scope Arrangement Traffic; (5) special access, private line, Frame Relay, ATM, or any other traffic that is not switched by the terminating Party; (6) Tandem Transit Traffic; (7) Voice Information Service Traffic (as defined in Section 5 of the Additional Services Attachment); or, (8) Virtual Foreign Exchange Traffic (or

V/FX Traffic) (as defined in the Interconnection Attachment). For the purposes of this definition, a Frontier local calling area includes a Frontier non-optional Extended Local Calling Scope Arrangement, but does not include a Frontier optional Extended Local Calling Scope Arrangement.

2.107 Retail Prices.

The prices at which a Service is provided by Frontier at retail to subscribers who are not Telecommunications Carriers.

2.108 Routing Point.

A specific geographic point identified by a specific V&H coordinate. The Routing Point is used to route inbound traffic to specified NPA-NXXs. The Routing Point must be located within the LATA in which the corresponding NPA-NXX is located. However, the Routing Point associated with each NPA-NXX need not be the same as the corresponding Rate Center Point, nor must it be located within the corresponding Rate Center Area, nor must there be a unique and separate Routing Point corresponding to each unique and separate Rate Center Area.

2.109 Service.

Any Interconnection arrangement, Network Element, Telecommunications Service, collocation arrangement, or other service, facility or arrangement, offered by a Party under this Agreement.

2.110 [Intentionally Left Blank].

2.111 SS7 (Signaling System 7).

The common channel out-of-band signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI). Frontier and Telestride utilize this out-of-band signaling protocol in relation to their routing and completion of traffic.

2.112 Subsidiary.

A corporation or other person that is controlled by a Party.

2.113 Sub-Loop Distribution Facility.

A two-wire or four-wire metallic distribution facility in Frontier's network between a Frontier feeder distribution interface ("FDI") and the Rate Demarcation Point for such facility (or NID if the NID is located at such Rate Demarcation Point).

2.114 Switched Exchange Access Service.

The offering of transmission and switching services for the purpose of the origination or termination of Toll Traffic. Switched Exchange Access Services include but may not be limited to: Feature Group A, Feature Group B, Feature Group D, 700 access, 800 access, 888 access and 900 access.

2.115 Tandem.

A switching entity that has billing and recording capabilities and is used to

connect and switch trunk circuits between and among End Offices and between and among End Offices and carriers' aggregation points, points of termination, or points of presence, and to provide Switched Exchange Access Services. Sometimes this term is used to refer to a telephone company building in which switching systems and telephone equipment are installed.

2.116 Tariff.

2.116.1 Any applicable Federal or state tariff of a Party, as amended from time to time; or

2.116.2 Any standard agreement or other document, as amended from time to time, that sets forth the generally available terms, conditions and prices under which a Party offers a Service.

The term “Tariff” does not include any Frontier Statement of Generally Available Terms (SGAT) which has been approved or is pending approval by the Commission pursuant to Section 252(f) of the Act.

2.117 Telcordia Technologies.

Telcordia Technologies, Inc., formerly known as Bell Communications Research, Inc. (Bellcore).

2.118 Telecommunications Carrier.

Shall have the meaning set forth in the Act.

2.119 Telecommunications Services.

Shall have the meaning set forth in the Act.

2.120 Telephone Exchange Service.

Shall have the meaning set forth in the Act.

2.121 Terminating Switched Access Detail Usage Data.

A category 1101XX record as defined in the EMI Telcordia Practice BR-010-200-010.

2.122 Third Party Claim.

A Claim where there is (a) a claim, demand, suit or action by a person who is not a Party, (b) a settlement with, judgment by, or liability to, a person who is not a Party, or (c) a fine or penalty imposed by a person who is not a Party.

2.123 Toll Traffic.

Traffic that is originated by a Customer of one Party on that Party’s network and terminates to a Customer of the other Party on that other Party’s network and is not Reciprocal Compensation Traffic, Measured Internet Traffic, or Ancillary Traffic. Toll Traffic may be either “IntraLATA Toll Traffic” or “InterLATA Toll Traffic”, depending on whether the originating and terminating points are within the same LATA.

2.124 Toxic or Hazardous Substance.

Any substance designated or defined as toxic or hazardous under any "Environmental Law" or that poses a risk to human health or safety, or the environment, and products and materials containing such substance. "Environmental Laws" means the Comprehensive Environmental Response, Compensation, and Liability Act, the Emergency Planning and Community Right-to-Know Act, the Water Pollution Control Act, the Air Pollution Control Act, the Toxic Substances Control Act, the Resource Conservation and Recovery Act, the Occupational Safety and Health Act, and all other Federal, State or local laws or governmental regulations or requirements, that are similar to the above-referenced laws or that otherwise govern releases, chemicals, products, materials or wastes that may pose risks to human health or safety, or the environment, or that relate to the protection of wetlands or other natural resources.

2.125 Traffic Factor 1.

For traffic exchanged via Interconnection Trunks, a percentage calculated by dividing the number of minutes of interstate traffic (excluding Measured Internet Traffic) by the total number of minutes of interstate and intrastate traffic. ([Interstate Traffic Total Minutes of Use {excluding Measured Internet Traffic Total Minutes of Use} ÷ {Interstate Traffic Total Minutes of Use + Intrastate Traffic Total Minutes of Use}] x 100). Until the form of a Party's bills is updated to use the term "Traffic Factor 1", the term "Traffic Factor 1" may be referred to on the Party's bills and in billing related communications as "Percent Interstate Usage" or "PIU".

2.126 Traffic Factor 2.

For traffic exchanged via Interconnection Trunks, a percentage calculated by dividing the combined total number of minutes of Reciprocal Compensation Traffic and Measured Internet Traffic by the combined total number of minutes of intrastate traffic and Measured Internet Traffic. ([{Reciprocal Compensation Traffic Total Minutes of Use + Measured Internet Traffic Total Minutes of Use} ÷ {Intrastate Traffic Total Minutes of Use + Measured Internet Traffic Total Minutes of Use}] x 100). Until the form of a Party's bills is updated to use the term "Traffic Factor 2", the term "Traffic Factor 2" may be referred to on the Party's bills and in billing related communications as "Percent Local Usage" or "PLU".

2.127 Triennial Review Remand Order (TRRO).

The FCC's Order on Remand in WC Docket No. 04-313 and CC Docket No. 01-338, released on February 4, 2005.

2.128 Trunk Side.

A Central Office Switch connection that is capable of, and has been programmed to treat the circuit as, connecting to another switching entity, for example, to another carrier's network. Trunk side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

2.129 UDLC (Universal Digital Loop Carrier).

UDLC arrangements consist of a Central Office Terminal and a Remote Terminal located in the outside plant or at a Customer premises. The Central Office and the Remote Terminal units perform analog to digital conversions to allow the

feeding facility to be digital. UDLC is deployed where the types of services to be provisioned by the systems cannot be integrated such as non-switched services and UNE Loops.

2.130 UNE Wire Center.

Shall have the same meaning as "Wire Center" set forth in 47 C.F.R. § 51.5.

2.131 V and H Coordinates Method.

A method of computing airline miles between two points by utilizing an established formula that is based on the vertical and horizontal coordinates of the two points.

2.132 Voice Grade.

Either an analog signal of 300 to 3000 Hz or a digital signal of 56/64 kilobits per second. When referring to digital Voice Grade service (a 56-64 kbps channel), the terms "DS0" or "sub-DS1" may also be used.

2.133 xDSL.

As defined and offered in this Agreement. The small “x” before the letters DSL signifies reference to DSL as a generic transmission technology, as opposed to a specific DSL “flavor”.

ADDITIONAL SERVICES ATTACHMENT

1. Alternate Billed Calls

1.1 The Parties will engage in settlements of intraLATA intrastate alternate-billed calls (*e.g.*, collect, calling card, and third-party billed calls) originated or authorized by their respective Customers in accordance with an arrangement mutually agreed to by the Parties.

2. Dialing Parity - Section 251(b)(3)

Each Party shall provide the other Party with nondiscriminatory access to such services and information as are necessary to allow the other Party to implement local Dialing Parity in accordance with the requirements of Section 251(b)(3) of the Act.

3. [This Section Intentionally Left Blank]

4. Directory Listing and Directory Distribution

To the extent required by Applicable Law, Frontier will provide directory services to Telestride. Such services will be provided in accordance with the terms set forth herein.

4.1 Listing Information.

As used herein, "Listing Information" means a Telestride Customer's primary name, address (including city, state and zip code), telephone number(s), the delivery address and number of directories to be delivered, and, in the case of a business Customer, the primary business heading under which the business Customer desires to be placed, and any other information Frontier deems necessary for the publication and delivery of directories.

4.2 Listing Information Supply.

Telestride shall provide to Frontier on a regularly scheduled basis, at no charge, and in a format required by Frontier or by a mutually agreed upon industry standard (e.g., Ordering and Billing Forum developed) all Listing Information and the service address for each Telestride Customer whose service address location falls within the geographic area covered by the relevant Frontier directory. Telestride shall also provide to Frontier on a daily basis: (a) information showing Telestride Customers who have disconnected or terminated their service with Telestride; and (b) delivery information for each non-listed or non-published Telestride Customer to enable Frontier to perform its directory distribution responsibilities. Frontier shall promptly provide to Telestride (normally within forty-eight (48) hours of receipt by Frontier, excluding non-business days) a query on any listing that is not acceptable.

4.3 Listing Inclusion and Distribution.

Frontier shall include each Telestride Customer's primary listing in the appropriate alphabetical directory and, for business Customers, in the appropriate classified (Yellow Pages) directory in accordance with the directory configuration, scope and schedules determined by Frontier in its sole discretion, and shall provide initial distribution of such directories to such Telestride Customers in the same manner it provides initial distribution of such directories to its own Customers. "Primary Listing" means a Customer's primary name,

address, and telephone number. Listings of Telestride's Customers shall be interfiled with listings of Frontier's Customers and the Customers of other LECs included in the Frontier directories. Telestride shall pay Frontier's Tariffed charges for additional, foreign, and other listings products (as documented in local Tariff) for Telestride's Customers.

4.4 Frontier Information.

Upon request by Telestride, Frontier shall make available to Telestride the following information to the extent that Frontier provides such information to its own business offices: a directory list of relevant NXX codes, directory and Customer Guide close dates, and Yellow Pages headings. Frontier shall also make available to Telestride, on Frontier's Wholesale website (or, at Frontier's option, in writing) Frontier's directory listings standards and specifications.

4.5 Confidentiality of Listing Information.

Frontier shall accord Telestride Listing Information the same level of confidentiality that Frontier accords its own listing information, and shall use such Listing Information solely for the purpose of providing directory-related services; provided, however, that should Frontier elect to do so, it may use or license Telestride Listing Information for directory publishing, direct marketing, or any other purpose for which Frontier uses or licenses its own listing information, so long as Telestride Customers are not separately identified as such; and provided further that Telestride may identify those of its Customers who request that their names not be sold for direct marketing purposes and Frontier shall honor such requests to the same extent that it does for its own Customers. Frontier shall not be obligated to compensate Telestride for Frontier's use or licensing of Telestride Listing Information.

4.6 Accuracy.

Both Parties shall use commercially reasonable efforts to ensure the accurate publication of Telestride Customer listings. At Telestride's request, Frontier shall provide Telestride with a report of all Telestride Customer listings in a reasonable timeframe prior to the service order close date for the applicable directory. Frontier shall process any corrections made by Telestride with respect to its listings, provided such corrections are received prior to the close date of the particular directory.

4.7 Indemnification.

Telestride shall adhere to all practices, standards, and ethical requirements established by Frontier with regard to listings. By providing Frontier with Listing Information, Telestride warrants to Frontier that Telestride has the right to provide such Listing Information to Frontier on behalf of its Customers. Telestride shall make commercially reasonable efforts to ensure that any business or person to be listed is authorized and has the right (a) to provide the product or service offered, and (b) to use any personal or corporate name, trade name, trademark, service mark or language used in the listing. Telestride agrees to release, defend, hold harmless and indemnify Frontier from and against any and all claims, losses, damages, suits, or other actions, or any liability whatsoever, suffered, made, instituted, or asserted by any person arising out of Frontier's publication or dissemination of the Listing Information as provided by Telestride hereunder.

4.8 Liability.

Frontier's liability to Telestride in the event of a Frontier error in or omission of a Telestride Customer listing shall not exceed the amount actually paid by Telestride to Frontier for such listing. Telestride agrees to take all reasonable steps, including, but not limited to, entering into appropriate contractual provisions with its Customers, to ensure that its and Frontier's liability to Telestride's Customers in the event of a Frontier error in or omission of a listing shall be subject to the same limitations of liability applicable between Frontier and its own Customers as set forth in Frontier's applicable Tariffs.

4.9 Service Information Pages.

Frontier shall include all Telestride NXX codes associated with the geographic areas to which each directory pertains, to the extent it does so for Frontier's own NXX codes, in any lists of such codes that are contained in the general reference portion of each directory. Telestride's NXX codes shall appear in such lists in the same manner as Frontier's NXX information. In addition, when Telestride is authorized to, and is offering, local service to Customers located within the geographic area covered by a specific directory, at Telestride's request, Frontier shall include, at no charge, in the "Customer Guide" or comparable section of the applicable alphabetical directories, Telestride's critical contact information for Telestride's installation, repair and Customer service, as provided by Telestride. Such critical contact information shall appear alphabetically by local exchange carrier and in accordance with Frontier's generally applicable policies. Telestride shall be responsible for providing the necessary information to Frontier by the applicable close date for each affected directory.

4.10 Directory Publication.

Nothing in this Agreement shall require Frontier to publish a directory where it would not otherwise do so.

4.11 Other Directory Services.

Telestride acknowledges that if Telestride desires directory services in addition to those described herein, such additional services must be obtained under separate agreement with Frontier's directory publishing company.

5. Voice Information Service Traffic

5.1 For purposes of this Section 5, (a) Voice Information Service means a service that provides [i] recorded voice announcement information or [ii] a vocal discussion program open to the public, and (b) Voice Information Service Traffic means intraLATA switched voice traffic, delivered to a Voice Information Service. Voice Information Service Traffic does not include any form of Internet Traffic. Voice Information Service Traffic also does not include 555 traffic or similar traffic with AIN service interfaces, which traffic shall be subject to separate arrangements between the Parties. Voice Information Service Traffic is not subject to Reciprocal Compensation charges under Section 7 of the Interconnection Attachment.

5.2 If a Telestride Customer is served by resold Frontier dial tone line Telecommunications Service, to the extent reasonably feasible, Frontier will route Voice Information Service Traffic originating from such Service to the appropriate Voice Information Service connected to Frontier's network unless a feature

blocking such Voice Information Service Traffic has been installed. For such Voice Information Service Traffic, Telestride shall pay to Frontier without discount any Voice Information Service provider charges billed by Frontier to Telestride. Telestride shall pay Frontier such charges in full regardless of whether or not Telestride collects such charges from its Customer.

5.3 Telestride shall have the option to route Voice Information Service Traffic that originates on its own network to the appropriate Voice Information Service connected to Frontier's network. In the event Telestride exercises such option, Telestride will establish, at its own expense, a dedicated trunk group to the Frontier Voice Information Service serving switch. This trunk group will be utilized to allow Telestride to route Voice Information Service Traffic originated on its network to Frontier. For such Voice Information Service Traffic, unless Telestride has entered into a written agreement with Frontier under which Telestride will collect from Telestride's Customer and remit to Frontier the Voice Information Service provider's charges, Telestride shall pay to Frontier without discount any Voice Information Service provider charges billed by Frontier to Telestride. Telestride shall pay Frontier such charges in full regardless of whether or not Telestride collects such charges from its own Customer.

6. Intercept and Referral Announcements

6.1 When a Customer changes its service provider from Frontier to Telestride, or from Telestride to Frontier, and does not retain its original telephone number, the Party formerly providing service to such Customer shall provide a referral announcement ("Referral Announcement") on the abandoned telephone number which provides the Customer's new number or other appropriate information, to the extent known to the Party formerly providing service. Notwithstanding the foregoing, a Party shall not be obligated under this Section to provide a Referral Announcement if the Customer owes the Party unpaid overdue amounts or the Customer requests that no Referral Announcement be provided.

6.2 Referral Announcements shall be provided, in the case of business Customers, for a period of not less than one hundred and twenty (120) days after the date the Customer changes its telephone number, and, in the case of residential Customers, not less than thirty (30) days after the date the Customer changes its telephone number; provided that if a longer time period is required by Applicable Law, such longer time period shall apply. Except as otherwise provided by Applicable Law, the period for a referral may be shortened by the Party formerly providing service if a number shortage condition requires reassignment of the telephone number.

6.3 This referral announcement will be provided by each Party at no charge to the other Party; provided that the Party formerly providing service may bill the Customer its standard Tariff charge, if any, for the referral announcement.

7. Originating Line Number Screening (OLNS)

Upon Telestride's request, Frontier will update its database used to provide originating line number screening (the database of information which indicates to an operator the acceptable billing methods for calls originating from the calling number (e.g., penal institutions, COCOTS).

8. Operations Support Systems (OSS) Services

8.1 Definitions.

The terms listed below shall have the meanings stated below:

8.1.1 Frontier Operations Support Systems: Frontier systems for pre-ordering, ordering, provisioning, maintenance and repair, and billing.

8.1.2 Frontier OSS Services: Access to Frontier Operations Support Systems functions. The term "Frontier OSS Services" includes, but is not limited to: (a) Frontier's provision of Telestride Usage Information to Telestride pursuant to Section 8.3 of this Attachment; and, (b) "Frontier OSS Information", as defined in Section 8.1.4 of this Attachment.

8.1.3 Frontier OSS Facilities: Any gateways, interfaces, databases, facilities, equipment, software, or systems, used by Frontier to provide Frontier OSS Services to Telestride.

8.1.4 Frontier OSS Information: Any information accessed by, or disclosed or provided to, Telestride through or as a part of Frontier OSS Services. The term "Frontier OSS Information" includes, but is not limited to: (a) any Customer Information related to a Frontier Customer or a Telestride Customer accessed by, or disclosed or provided to, Telestride through or as a part of Frontier OSS Services; and, (b) any Telestride Usage Information (as defined in Section 8.1.6 of this Attachment) accessed by, or disclosed or provided to, Telestride.

8.1.5 Frontier Retail Telecommunications Service: Any Telecommunications Service that Frontier provides at retail to subscribers that are not Telecommunications Carriers. The term "Frontier Retail Telecommunications Service" does not include any Exchange Access service (as defined in Section 3(16) of the Act, 47 U.S.C. § 153(16)) provided by Frontier.

8.1.6 Telestride Usage Information: For a Frontier Retail Telecommunications Service purchased by Telestride pursuant to the Resale Attachment, the usage information that Frontier would record if Frontier was furnishing such Frontier Retail Telecommunications Service to a Frontier end-user retail Customer.

8.1.7 Customer Information: CPNI of a Customer and any other non-public, individually identifiable information about a Customer or the purchase by a Customer of the services or products of a Party.

8.2 Frontier OSS Services.

8.2.1 Upon request by Telestride, Frontier shall provide to Telestride Frontier OSS Services. Such Frontier OSS Services will be provided in accordance with, but only to the extent required by, Applicable Law.

8.2.2 Subject to the requirements of Applicable Law, Frontier Operations Support Systems, Frontier Operations Support Systems functions, Frontier OSS Facilities, Frontier OSS Information, and the Frontier OSS Services that will be offered by Frontier, shall be as determined by Frontier. Subject to the requirements of Applicable Law, Frontier shall have the right to change Frontier Operations Support Systems, Frontier Operations Support Systems functions, Frontier OSS

Facilities, Frontier OSS Information, and the Frontier OSS Services, from time-to-time, without the consent of Telestride.

8.2.3 To the extent required by Applicable Law, in providing Frontier OSS Services to Telestride, Frontier will comply with Frontier's applicable OSS Change Management Guidelines, as such Guidelines are modified from time-to-time, including, but not limited to, the provisions of the Guidelines related to furnishing notice of changes in Frontier OSS Services. Frontier's OSS Change Management Guidelines will be set out on a Frontier website.

8.3 Telestride Usage Information.

8.3.1 Upon request by Telestride, Frontier shall provide to Telestride Telestride Usage Information. Such Telestride Usage Information will be provided in accordance with, but only to the extent required by, Applicable Law.

8.3.2 Telestride Usage Information will be available to Telestride through Network Data Mover (NDM) or other such media as mutually agreed by both Parties.

8.3.3 Telestride Usage Information will be provided in an ATIS EMI format.

8.3.4 Except as stated in this Section 8.3, subject to the requirements of Applicable Law, the manner in which, and the frequency with which, Telestride Usage Information will be provided to Telestride shall be determined by Frontier.

8.4 Access to and Use of Frontier OSS Facilities.

8.4.1 Frontier OSS Facilities may be accessed and used by Telestride only to the extent necessary for Telestride's access to and use of Frontier OSS Services pursuant to this Agreement.

8.4.2 Frontier OSS Facilities may be accessed and used by Telestride only to provide Telecommunications Services to Telestride Customers.

8.4.3 Telestride shall restrict access to and use of Frontier OSS Facilities to Telestride. This Section 8 does not grant to Telestride any right or license to grant sublicenses to other persons, or permission to other persons (except Telestride's employees, agents and contractors, in accordance with Section 8.4.7 of this Attachment), to access or use Frontier OSS Facilities.

8.4.4 Telestride shall not (a) alter, modify or damage the Frontier OSS Facilities (including, but not limited to, Frontier software), (b) copy, remove, derive, reverse engineer, or decompile, software from the Frontier OSS Facilities, or (c) obtain access through Frontier OSS Facilities to Frontier databases, facilities, equipment, software, or systems, which are not offered for Telestride's use under this Section 8.

8.4.5 Telestride shall comply with all practices and procedures established by Frontier for access to and use of Frontier OSS Facilities (including, but not limited to, Frontier practices and procedures with regard to security and use of access and user identification codes).

8.4.6 All practices and procedures for access to and use of Frontier OSS Facilities, and all access and user identification codes for Frontier OSS Facilities: (a) shall remain the property of Frontier; (b) shall be used by Telestride only in connection with Telestride's use of Frontier OSS Facilities permitted by this Section 8; (c) shall be treated by Telestride as Confidential Information of Frontier pursuant to Section 10 of the General Terms and Conditions; and, (d) shall be destroyed or returned by Telestride to Frontier upon the earlier of request by Frontier or the expiration or termination of this Agreement.

8.4.7 Telestride's employees, agents and contractors may access and use Frontier OSS Facilities only to the extent necessary for Telestride's access to and use of the Frontier OSS Facilities permitted by this Agreement. Any access to or use of Frontier OSS Facilities by Telestride's employees, agents, or contractors, shall be subject to the provisions of this Agreement, including, but not limited to, Section 10 of the General Terms and Conditions and Section 8.5.3.2 of this Attachment.

8.5 Frontier OSS Information.

8.5.1 Subject to the provisions of this Section 8, in accordance with, but only to the extent required by, Applicable Law, Frontier grants to Telestride a non-exclusive license to use Frontier OSS Information.

8.5.2 All Frontier OSS Information shall at all times remain the property of Frontier. Except as expressly stated in this Section 8, Telestride shall acquire no rights in or to any Frontier OSS Information.

8.5.3 The provisions of this Section 8.5.3 shall apply to all Frontier OSS Information, except (a) Telestride Usage Information, (b) CPNI of Telestride, and (c) CPNI of a Frontier Customer or a Telestride Customer, to the extent the Customer has authorized Telestride to use the CPNI.

8.5.3.1 Frontier OSS Information may be accessed and used by Telestride only to provide Telecommunications Services to Telestride Customers.

8.5.3.2 Telestride shall treat Frontier OSS Information that is designated by Frontier, through written or electronic notice (including, but not limited to, through the Frontier OSS Services), as "Confidential" or "Proprietary" as Confidential Information of Frontier pursuant to Section 10 of the General Terms and Conditions.

8.5.3.3 Except as expressly stated in this Section 8, this Agreement does not grant to Telestride any right or license to grant sublicenses to other persons, or permission to other persons (except Telestride's employees, agents or contractors, in accordance with Section 8.5.3.4 of this Attachment), to access, use or disclose Frontier OSS Information.

8.5.3.4 Telestride's employees, agents and contractors may access, use and disclose Frontier OSS Information only to the extent necessary for Telestride's access to, and use and

disclosure of, Frontier OSS Information permitted by this Section 8. Any access to, or use or disclosure of, Frontier OSS Information by Telestride's employees, agents or contractors, shall be subject to the provisions of this Agreement, including, but not limited to, Section 10 of the General Terms and Conditions and Section 8.5.3.2 of this Attachment.

8.5.3.5 Telestride's license to use Frontier OSS Information shall expire upon the earliest of: (a) the time when the Frontier OSS Information is no longer needed by Telestride to provide Telecommunications Services to Telestride Customers; (b) termination of the license in accordance with this Section 8; or (c) expiration or termination of this Agreement.

8.5.3.6 All Frontier OSS Information received by Telestride shall be destroyed or returned by Telestride to Frontier, upon expiration, suspension or termination of the license to use such Frontier OSS Information.

8.5.4 Unless sooner terminated or suspended in accordance with this Agreement or this Section 8 (including, but not limited to, Section 2.2 of the General Terms and Conditions and Section 8.6.1 of this Attachment), Telestride's access to Frontier OSS Information through Frontier OSS Services shall terminate upon the expiration or termination of this Agreement.

8.5.5 Audits.

8.5.5.1 Frontier shall have the right (but not the obligation) to audit Telestride to ascertain whether Telestride is complying with the requirements of Applicable Law and this Agreement with regard to Telestride's access to, and use and disclosure of, Frontier OSS Information.

8.5.5.2 Without in any way limiting any other rights Frontier may have under this Agreement or Applicable Law, Frontier shall have the right (but not the obligation) to monitor Telestride's access to and use of Frontier OSS Information which is made available by Frontier to Telestride pursuant to this Agreement, to ascertain whether Telestride is complying with the requirements of Applicable Law and this Agreement, with regard to Telestride 's access to, and use and disclosure of, such Frontier OSS Information. The foregoing right shall include, but not be limited to, the right (but not the obligation) to electronically monitor Telestride's access to and use of Frontier OSS Information which is made available by Frontier to Telestride through Frontier OSS Facilities.

8.5.5.3 Information obtained by Frontier pursuant to this Section 8.5.5 shall be treated by Frontier as Confidential Information of Telestride pursuant to Section 10 of the General Terms and Conditions; provided that, Frontier shall have the right (but not the obligation) to use and disclose information obtained by Frontier pursuant to Section 8.5.5 of this

Attachment to enforce Frontier's rights under this Agreement or Applicable Law.

8.5.6 Telestride acknowledges that the Frontier OSS Information, by its nature, is updated and corrected on a continuous basis by Frontier, and therefore that Frontier OSS Information is subject to change from time to time.

8.6 Liabilities and Remedies.

8.6.1 Any breach by Telestride, or Telestride's employees, agents or contractors, of the provisions of Sections 8.4 or 8.5 of this Attachment shall be deemed a material breach of this Agreement. In addition, if Telestride or an employee, agent or contractor of Telestride at any time breaches a provision of Sections 8.4 or 8.5 of this Attachment and such breach continues for more than ten (10) days after written notice thereof from Frontier, then, except as otherwise required by Applicable Law, Frontier shall have the right, upon notice to Telestride, to suspend the license to use Frontier OSS Information granted by Section 8.5.1 of this Attachment and/or the provision of Frontier OSS Services, in whole or in part.

8.6.2 Telestride agrees that Frontier would be irreparably injured by a breach of Sections 8.4 or 8.5 of this Attachment by Telestride or the employees, agents or contractors of Telestride, and that Frontier shall be entitled to seek equitable relief, including injunctive relief and specific performance, in the event of any such breach. Such remedies shall not be deemed to be the exclusive remedies for any such breach, but shall be in addition to any other remedies available under this Agreement or at law or in equity.

8.7 Relation to Applicable Law.

The provisions of Sections 8.4, 8.5 and 8.6 of this Attachment with regard to the confidentiality of information shall be in addition to and not in derogation of any provisions of Applicable Law with regard to the confidentiality of information, including, but not limited to, 47 U.S.C. § 222, and are not intended to constitute a waiver by Frontier of any right with regard to protection of the confidentiality of the information of Frontier or Frontier Customers provided by Applicable Law.

8.8 Cooperation.

Telestride, at Telestride's expense, shall reasonably cooperate with Frontier in using Frontier OSS Services. Such cooperation shall include, but not be limited to, the following:

8.8.1 Upon request by Frontier, Telestride shall by no later than the fifteenth (15th) day of the last month of each Calendar Quarter submit to Frontier reasonable, good faith estimates of the volume of each type of OSS transaction that Telestride anticipates submitting in each week of the next Calendar Quarter.

8.8.2 Telestride shall reasonably cooperate with Frontier in submitting orders for Frontier Services and otherwise using the Frontier OSS Services, in order to avoid exceeding the capacity or capabilities of such Frontier OSS Services.

8.8.3 Telestride shall participate in cooperative testing of Frontier OSS Services and shall provide assistance to Frontier in identifying and correcting mistakes, omissions, interruptions, delays, errors, defects, faults, failures, or other deficiencies, in Frontier OSS Services.

8.9 Frontier Access to Information Related to Telestride Customers.

8.9.1 Frontier shall have the right to access, use and disclose information related to Telestride Customers that is in Frontier's possession (including, but not limited to, in Frontier OSS Facilities) to the extent such access, use and/or disclosure has been authorized by the Telestride Customer in the manner required by Applicable Law.

8.9.2 Upon request by Frontier, Telestride shall negotiate in good faith and enter into a contract with Frontier, pursuant to which Frontier may obtain access to Telestride's operations support systems (including, systems for pre-ordering, ordering, provisioning, maintenance and repair, and billing) and information contained in such systems, to permit Frontier to obtain information related to Telestride Customers (as authorized by the applicable Telestride Customer), to permit Customers to transfer service from one Telecommunications Carrier to another, and for such other purposes as may be permitted by Applicable Law.

8.10 [Intentionally Left Blank].

8.11 Cancellations.

Frontier may cancel orders for service which have had no activity within thirty-one (31) consecutive calendar days after the original service due date.

9. Poles, Ducts, Conduits and Rights-of-Way

9.1 Frontier shall afford Telestride non-discriminatory access to poles, ducts, conduits and rights-of-way owned or controlled by Frontier. Such access shall be provided in accordance with, but only to the extent required by, Applicable Law, pursuant to Frontier's applicable Tariffs, or, in the absence of an applicable Frontier Tariff, Frontier's generally offered form of license agreement, or, in the absence of such a Tariff and license agreement, a mutually acceptable agreement to be negotiated by the Parties.

9.2 Telestride shall afford Frontier non-discriminatory access to poles, ducts, conduits and rights-of-way owned or controlled by Telestride. Such access shall be provided pursuant to Telestride's applicable Tariffs, or, in the absence of an applicable Telestride Tariff, Telestride's generally offered form of license agreement, or, in the absence of such a Tariff and license agreement, a mutually acceptable agreement to be negotiated by the Parties. The terms, conditions and prices offered to Frontier by Telestride for such access shall be no less favorable than the terms, conditions and prices offered to Telestride by Frontier for access to poles, ducts, conduits and rights of way owned or controlled by Frontier.

10. Telephone Numbers

10.1 This Section applies in connection with Telestride Customers served by Telecommunications Services provided by Frontier to Telestride for resale.

10.2 Telestride's use of telephone numbers shall be subject to Applicable Law and the rules of the North American Numbering Council, the North American Numbering Plan Administrator, the applicable provisions of this Agreement (including, but not limited to, this Section 10), and Frontier's practices and procedures for use and assignment of telephone numbers, as amended from time-to-time.

10.3 Subject to Sections 10.2 and 10.4 of this Attachment, if a Customer of either Frontier or Telestride who is served by a Frontier Telecommunications Service ("VTS") changes the LEC that serves the Customer using such VTS (including a change from Frontier to Telestride, from Telestride to Frontier, or from Telestride to a LEC other than Frontier), after such change, the Customer may continue to use with such VTS the telephone numbers that were assigned to the VTS for the use of such Customer by Frontier immediately prior to the change.

10.4 Frontier shall have the right to change the telephone numbers used by a Customer if at any time: (a) the Customer requests service at a new location, that is not served by the Frontier switch and the Frontier rate center from which the Customer previously had service; (b) continued use of the telephone numbers is not technically feasible; or, (c) in the case of Telecommunications Service provided by Frontier to Telestride for resale, the type or class of service subscribed to by the Customer changes.

10.5 If service on a VTS provided by Frontier to Telestride under this Agreement is terminated and the telephone numbers associated with such VTS have not been ported to a Telestride switch, the telephone numbers shall be available for reassignment by Frontier to any person to whom Frontier elects to assign the telephone numbers, including, but not limited to, Frontier, Frontier Customers, Telestride, or Telecommunications Carriers other than Frontier and Telestride.

10.6 Telestride may reserve telephone numbers only to the extent Frontier's Customers may reserve telephone numbers.

11. Routing for Operator Services and Directory Assistance Traffic

For a Frontier Telecommunications Service dial tone line purchased by Telestride for resale pursuant to the Resale Attachment, upon request by Telestride, Frontier will establish an arrangement that will permit Telestride to route the Telestride Customer's calls for operator and directory assistance services to a provider of operator and directory assistance services selected by Telestride. Frontier will provide this routing arrangement in accordance with, but only to the extent required by, Applicable Law. Frontier will provide this routing arrangement pursuant to an appropriate written request submitted by Telestride and a mutually agreed-upon schedule. This routing arrangement will be implemented at Telestride's expense, with charges determined on an individual case basis. In addition to charges for initially establishing the routing arrangement, Telestride will be responsible for ongoing monthly and/or usage charges for the routing arrangement. Telestride shall arrange, at its own expense, the trunking and other facilities required to transport traffic to Telestride's selected provider of operator and directory assistance services.

12. Unauthorized Carrier Change Charges

In the event either Party requests that the other Party install, provide, change, or terminate a Customer's Telecommunications Service (including, but not limited to, a Customer's selection of a primary Telephone Exchange Service Provider) without having obtained authorization from the Customer for such installation, provision, selection, change or termination in accordance with Applicable Laws, the requesting Party shall be liable to the other Party for all charges that would be applicable to the Customer for the

initial change in the Customer's Telecommunications Service and any charges for restoring the Customer's Telecommunications Service to its Customer-authorized condition (all such charges together, the "Carrier Change Charges"), including to the appropriate primary Telephone Exchange Service provider. Such Carrier Change Charges may be assessed on the requesting Party by the other Party at any time after the Customer is restored to its Customer-authorized condition.

13. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

INTERCONNECTION ATTACHMENT

1. General

Each Party shall provide to the other Party, in accordance with this Agreement, but only to the extent required by Applicable Law, interconnection at (i) any technically feasible Point(s) of Interconnection on Frontier's network in a LATA and/or (ii) a fiber meet point to which the Parties mutually agree under the terms of this Agreement, for the transmission and routing of Telephone Exchange Service and Exchange Access. By way of example, a technically feasible Point of Interconnection on Frontier's network in a LATA would include an applicable Frontier Tandem Interconnection Wire Center or Frontier End Office Interconnection Wire Center but, notwithstanding any other provision of this Agreement or otherwise, would not include a Telestride Interconnection Wire Center, Telestride switch or any portion of a transport facility provided by Frontier to Telestride or another party between (x) a Frontier Interconnection Wire Center or switch and (y) the Interconnection Wire Center or switch of Telestride or another party. For brevity's sake, the foregoing examples of locations that, respectively, are and are not "on Frontier's network" shall apply (and are hereby incorporated by reference) each time the term "on Frontier's network" is used in this Agreement.

2. Points of Interconnection and Trunk Types

2.1 Point(s) of Interconnection.

2.1.1 Each Party, at its own expense, shall provide transport facilities to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA selected by Telestride.

2.2 Trunk Types.

2.2.1 In interconnecting their networks pursuant to this Attachment, the Parties will use, as appropriate, the following separate and distinct trunk groups:

2.2.1.1 Interconnection Trunks for the transmission and routing of Reciprocal Compensation Traffic, translated LEC IntraLATA toll free service access code (e.g., 800/888/877) traffic, and IntraLATA Toll Traffic, between their respective Telephone Exchange Service Customers, Tandem Transit Traffic, and, Measured Internet Traffic, all in accordance with Sections 5 through 8 of this Attachment;

2.2.1.2 Access Toll Connecting Trunks for the transmission and routing of Exchange Access traffic, including translated InterLATA toll free service access code (e.g., 800/888/877) traffic, between Telestride Telephone Exchange Service Customers and purchasers of Switched Exchange Access Service via a Frontier access Tandem in accordance with Sections 9 through 11 of this Attachment; and

2.2.1.3 Miscellaneous Trunk Groups as mutually agreed to by the Parties, including, but not limited to: (a) choke trunks for traffic congestion and testing; and, (b) untranslated IntraLATA/InterLATA toll free service access code (e.g. 800/888/877) traffic.

2.2.2 Other types of trunk groups may be used by the Parties as provided in other Attachments to this Agreement (e.g., 911/E-911 Trunks) or in other separate agreements between the Parties (e.g., directory assistance trunks, operator services trunks, BLV/BLVI trunks or trunks for 500/555 traffic).

2.2.3 In accordance with the terms of this Agreement, the Parties will deploy One-Way Interconnection Trunks (trunks with traffic going in one direction, including one-way trunks and uni-directional two-way trunks) and/or Two-Way Interconnection Trunks (trunks with traffic going in both directions).

2.2.4 Telestride shall establish, at the technically feasible Point(s) of Interconnection on Frontier's network in a LATA, separate Interconnection Trunk group(s) between such POI(s) and each Frontier Tandem in a LATA with a subtending End Office(s) to which Telestride originates calls for Frontier to terminate.

2.2.5 In the event the volume of traffic between a Frontier End Office and a technically feasible Point of Interconnection on Frontier's network in a LATA, which is carried by a Final Tandem Interconnection Trunk group, exceeds (a) the Centum Call Seconds (Hundred Call Seconds) busy hour equivalent of one (1) DS1 at any time; (b) 200,000 minutes of use for a single month; and/or; (c) 600 busy hour Centum Call Seconds (BHCCS) of use for a single month: (i) if One-Way Interconnection Trunks are used, the originating Party shall promptly establish new or augment existing End Office One-Way Interconnection Trunk groups between the Frontier End Office and the technically feasible Point of Interconnection on Frontier's network; or, (ii) if Two-Way Interconnection Trunks are used, Telestride shall promptly submit an ASR to Frontier to establish new or augment existing End Office Two-Way Interconnection Trunk group(s) between that Frontier End Office and the technically feasible Point of Interconnection on Frontier's network.

2.2.6 Except as otherwise agreed in writing by the Parties, the total number of Tandem Interconnection Trunks between a technically feasible Point of Interconnection on Frontier's network and a Frontier Tandem will be limited to a maximum of 240 trunks. In the event that the volume of traffic between a technically feasible Point of Interconnection on Frontier's network and a Frontier Tandem exceeds, or reasonably can be expected to exceed, the capacity of the 240 trunks, Telestride shall promptly submit an ASR to Frontier to establish new or additional End Office Trunks to insure that the volume of traffic between the technically feasible Point of Interconnection on Frontier's network and the Frontier Tandem does not exceed the capacity of the 240 trunks.

2.3 One-Way Interconnection Trunks.

2.3.1 Where the Parties use One-Way Interconnection Trunks for the delivery of traffic from Telestride to Frontier, Telestride, at Telestride's own expense, shall:

2.3.1.1 provide its own facilities for delivery of the traffic to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA; and/or

2.3.1.2 obtain transport for delivery of the traffic to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA (a) from a third party, or, (b) if Frontier offers such transport pursuant to a Frontier access Tariff, from Frontier.

2.3.2 For each Tandem or End Office One-Way Interconnection Trunk group for delivery of traffic from Telestride to Frontier with a utilization level of less than sixty percent (60%) for final trunk groups and eighty-five percent (85%) for high usage trunk groups, unless the Parties agree otherwise, Telestride will promptly submit ASRs to disconnect a sufficient number of Interconnection Trunks to attain a utilization level of approximately sixty percent (60%) for all final trunk groups and eighty-five percent (85%) for all high usage trunk groups. In the event Telestride fails to submit an ASR to disconnect One-Way Interconnection Trunks as required by this Section, Frontier may disconnect the excess Interconnection Trunks or bill (and Telestride shall pay) for the excess Interconnection Trunks at the rates set forth in the Pricing Attachment.

2.3.3 Where the Parties use One-Way Interconnection Trunks for the delivery of traffic from Frontier to Telestride, Frontier, at Frontier's own expense, shall provide its own facilities for delivery of the traffic to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA.

2.4 Two-Way Interconnection Trunks.

2.4.1 Where the Parties use Two-Way Interconnection Trunks for the exchange of traffic between Frontier and Telestride, Telestride, at its own expense, shall:

2.4.1.1 provide its own facilities to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA; and/or

2.4.1.2 obtain transport to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA (a) from a third party, or, (b) if Frontier offers such transport pursuant to a Frontier access Tariff, from Frontier.

2.4.2 Where the Parties use Two-Way Interconnection Trunks for the exchange of traffic between Frontier and Telestride, Frontier, at its own expense, shall provide its own facilities to the technically feasible Point(s) of Interconnection on Frontier's network in a LATA.

2.4.3 Prior to establishing any Two-Way Interconnection Trunks, Telestride shall meet with Frontier to conduct a joint planning meeting ("Joint Planning Meeting"). At that Joint Planning Meeting, each Party shall provide to the other Party originating Centum Call Seconds (Hundred Call Seconds) information, and the Parties shall mutually agree on the appropriate initial number of End Office and Tandem Two-Way Interconnection Trunks and the interface specifications at the technically feasible Point(s) of Interconnection on Frontier's network in a LATA at which the Parties interconnect for the exchange of traffic. Where the Parties have agreed to convert existing One-Way Interconnection Trunks to Two-Way Interconnection Trunks, at the Joint Planning Meeting, the Parties shall also mutually agree on the

conversion process and project intervals for conversion of such One-Way Interconnection Trunks to Two-Way Interconnection Trunks.

2.4.4 On a semi-annual basis, Telestride shall submit a good faith forecast to Frontier of the number of End Office and Tandem Two-Way Interconnection Trunks that Telestride anticipates Frontier will need to provide during the ensuing two (2) year period for the exchange of traffic between Telestride and Frontier. Telestride's trunk forecasts shall conform to the Frontier CLEC trunk forecasting guidelines as in effect at that time.

2.4.5 The Parties shall meet (telephonically or in person) from time to time, as needed, to review data on End Office and Tandem Two-Way Interconnection Trunks to determine the need for new trunk groups and to plan any necessary changes in the number of Two-Way Interconnection Trunks.

2.4.6 Two-Way Interconnection Trunks shall have SS7 Common Channel Signaling. The Parties agree to utilize B8ZS and Extended Super Frame (ESF) DS1 facilities, where available.

2.4.7 With respect to End Office Two-Way Interconnection Trunks, both Parties shall use an economic Centum Call Seconds (Hundred Call Seconds) equal to five (5). Either Party may disconnect End Office Two-Way Interconnection Trunks that, based on reasonable engineering criteria and capacity constraints, are not warranted by the actual traffic volume experienced.

2.4.8 Two-Way Interconnection Trunk groups that connect to a Frontier access Tandem shall be engineered using a design blocking objective of Neal-Wilkinson B.005 during the average time consistent busy hour. Two-Way Interconnection Trunk groups that connect to a Frontier local Tandem shall be engineered using a design blocking objective of Neal-Wilkinson B.01 during the average time consistent busy hour. Frontier and Telestride shall engineer Two-Way Interconnection Trunks using Telcordia Notes on the Networks SR 2275 (formerly known as BOC Notes on the LEC Networks SR-TSV-002275).

2.4.9 The performance standard for final Two-Way Interconnection Trunk groups shall be that no such Interconnection Trunk group will exceed its design blocking objective (B.005 or B.01, as applicable) for three (3) consecutive calendar traffic study months.

2.4.10 Telestride shall determine and order the number of Two-Way Interconnection Trunks that are required to meet the applicable design blocking objective for all traffic carried on each Two-Way Interconnection Trunk group. Telestride shall order Two-Way Interconnection Trunks by submitting ASRs to Frontier setting forth the number of Two-Way Interconnection Trunks to be installed and the requested installation dates within Frontier's effective standard intervals or negotiated intervals, as appropriate. Telestride shall complete ASRs in accordance with OBF Guidelines as in effect from time to time.

2.4.11 Frontier may (but shall not be obligated to) monitor Two-Way Interconnection Trunk groups using service results for the applicable design blocking objective. If Frontier observes blocking in excess of

the applicable design objective on any Tandem Two-Way Interconnection Trunk group and Telestride has not notified Frontier that it has corrected such blocking, Frontier may submit to Telestride a Trunk Group Service Request directing Telestride to remedy the blocking. Upon receipt of a Trunk Group Service Request, Telestride will complete an ASR to establish or augment the End Office Two-Way Interconnection Trunk group(s), or, if mutually agreed, to augment the Tandem Two-Way Interconnection Trunk group with excessive blocking and submit the ASR to Frontier within five (5) Business Days.

2.4.12 The Parties will review all Tandem Two-Way Interconnection Trunk groups that reach a utilization level of seventy percent (70%), or greater, to determine whether those groups should be augmented. Telestride will promptly augment all Tandem Two-Way Interconnection Trunk groups that reach a utilization level of eighty percent (80%) by submitting ASRs for additional trunks sufficient to attain a utilization level of approximately seventy percent (70%), unless the Parties agree that additional trunking is not required. For each Tandem Two-Way Interconnection Trunk group with a utilization level of less than sixty percent (60%), unless the Parties agree otherwise, Telestride will promptly submit ASRs to disconnect a sufficient number of Interconnection Trunks to attain a utilization level of approximately sixty percent (60%) for each respective group, unless the Parties agree that the Two-Way Interconnection Trunks should not be disconnected. In the event Telestride fails to submit an ASR for Two-Way Interconnection Trunks in conformance with this Section, Frontier may disconnect the excess Interconnection Trunks or bill (and Telestride shall pay) for the excess Interconnection Trunks at the applicable Frontier rates.

2.4.13 Because Frontier will not be in control of when and how many Two-Way Interconnection Trunks are established between its network and Telestride's network, Frontier's performance in connection with these Two-Way Interconnection Trunk groups shall not be subject to any performance measurements and remedies under this Agreement, and, except as otherwise required by Applicable Law, under any FCC or Commission approved carrier-to-carrier performance assurance guidelines or plan.

2.4.14 Telestride will route its traffic to Frontier over the End Office and Tandem Two-Way Interconnection Trunks in accordance with SR-TAP-000191, including but not limited to those standards requiring that a call from Telestride to a Frontier End Office will first be routed to the End Office Interconnection Trunk group between Telestride and the Frontier End Office.

3. Alternative Interconnection Arrangements

3.1 Fiber Meet Arrangement Provisions.

3.1.1 Each Party may request a Fiber Meet arrangement by providing written notice thereof to the other Party if each of the following conditions has been met: (a) the Parties have consistently been exchanging an amount of applicable traffic (as set forth in Section 3.1.3 below) in the relevant exchanges equal to at least one (1) DS-3 and (b) neither Telestride nor any of Telestride's affiliates has an overdue balance on any bill rendered to Telestride or Telestride's

affiliates for charges that are not subject to a good faith dispute. Any such Fiber Meet arrangement shall be subject to the terms of this Agreement. In addition, the establishment of any Fiber Meet arrangement is expressly conditioned upon the Parties mutually agreeing to the technical specifications and requirements for such Fiber Meet arrangement including, but not limited to, the location of the Fiber Meet points, routing, equipment (e.g., specifications of Add/Drop Multiplexers, number of strands of fiber, etc.), software, ordering, provisioning, maintenance, repair, testing, augment and on any other technical specifications or requirements necessary to implement the Fiber Meet arrangement. For each Fiber Meet arrangement the Parties agree to implement, the Parties will complete and sign a Technical Specifications and Requirements document, the form of which is attached hereto as Exhibit A to Section 3 of the Interconnection Attachment Fiber Meet Arrangement Provisions. Each such document will be treated as Confidential Information.

3.1.2 The Parties agree to consider the possibility of using existing fiber cable with spare capacity, where available, to implement any such request for a Fiber Meet arrangement. If existing fiber cable with spare capacity is not available, the Parties agree to minimize the construction and deployment of fiber cable necessary for any Fiber Meet arrangement to which they agree. Except as otherwise agreed by the Parties, any and all Fiber Meet points established between the Parties shall extend no further than three (3) miles from an applicable Frontier Tandem or End Office and Frontier shall not be required to construct or deploy more than five hundred (500) feet of fiber cable for a Fiber Meet arrangement.

3.1.3 A Fiber Meet arrangement established under this Agreement may be used for the transmission and routing of only the following traffic types (over the Interconnection Trunks):

3.1.3.1 Reciprocal Compensation Traffic between the Parties' respective Telephone Exchange Service Customers;

3.1.3.2 Translated LEC IntraLATA toll free service access code (*e.g.*, 800/888/877) traffic between the Parties' respective Telephone Exchange Service Customers;

3.1.3.3 IntraLATA Toll Traffic between the Parties' respective Telephone Exchange Service Customers;

3.1.3.4 Tandem Transit Traffic; and

3.1.3.5 Measured Internet Traffic.

To the extent that a Fiber Meet arrangement established under this Agreement is used for the transmission and routing of traffic of the types set forth in Sections 3.1.3.1 and/or 3.1.3.5, other than the obligation to pay intercarrier compensation charges pursuant to the terms of the Agreement, neither Party shall have any obligation to pay the other Party any charges in connection with any Fiber Meet arrangements established under this Agreement. To the extent that a Fiber Meet arrangement established under this Agreement is used for the transmission and routing of traffic of the type set forth in Section 3.1.3.2, the transport and termination of such traffic shall be subject to

the rates and charges set forth in the Agreement and applicable Tariffs. To the extent that a Fiber Meet arrangement established under this Agreement is used for the transmission and routing of traffic of the type set forth in Section 3.1.3.3, the Party originating such traffic shall compensate the terminating Party for the transport and termination of such traffic at the rates and charges set forth in the Agreement and applicable Tariffs. To the extent that a Fiber Meet arrangement established under this Agreement is used for the transmission and routing of traffic of the type set forth in Section 3.1.3.4, Frontier shall charge (and Telestride shall pay) Frontier's applicable rates and charges as set forth in the Agreement and Frontier's applicable Tariffs, including transport charges to the terminating Frontier Tandem.

3.1.4 At Telestride's written request, a Fiber Meet arrangement established under this Agreement may be used for the transmission and routing of the following traffic types over the following trunk types:

3.1.4.1 Operator services traffic from Telestride's Telephone Exchange Service Customers to an operator services provider over operator services trunks;

3.1.4.2 Directory assistance traffic from Telestride's Telephone Exchange Service Customers to a directory assistance provider over directory assistance trunks;

3.1.4.3 911 traffic from Telestride's Telephone Exchange Service Customers to 911/E-911 Tandem Office(s)/Selective Router(s) over 911 trunks; and

3.1.4.4 Jointly-provided Switched Exchange Access Service traffic, including translated InterLATA toll free service access code (*e.g.*, 800/888/877) traffic, between Telestride's Telephone Exchange Service Customers and third-party purchasers of Switched Exchange Access Service via a Frontier access Tandem over Access Toll Connecting Trunks.

To the extent that a Fiber Meet arrangement established under this Agreement is used for the transmission and routing of any traffic of the types set forth in this Section 3.1.4 Frontier may bill (and Telestride shall pay) Frontier's applicable Tariff rates and charges. Except as otherwise agreed in writing by the Parties or as expressly set forth in Sections 3.1.3 and/or 3.1.4 of this Interconnection Attachment, access services (switched and unswitched) and unbundled network elements shall not be provisioned on or accessed through Fiber Meet arrangements.

3.1.5 Telestride will include traffic to be exchanged over Fiber Meet arrangements in its forecasts provided to Frontier under the Agreement.

4. Initiating Interconnection

4.1 If Telestride determines to offer Telephone Exchange Services and to interconnect with Frontier in any LATA in which Frontier also offers Telephone Exchange Services and in which the Parties are not already interconnected

pursuant to this Agreement, Telestride shall provide written notice to Frontier of the need to establish Interconnection in such LATA pursuant to this Agreement.

4.2 The notice provided in Section 4.1 of this Attachment shall include (a) the initial Routing Point(s); (b) the applicable technically feasible Point(s) of Interconnection on Frontier's network to be established in the relevant LATA in accordance with this Agreement; (c) Telestride's intended Interconnection activation date; (d) a forecast of Telestride's trunking requirements conforming to Section 14.2 of this Attachment; and (e) such other information as Frontier shall reasonably request in order to facilitate Interconnection.

4.3 The interconnection activation date in the new LATA shall be mutually agreed to by the Parties after receipt by Frontier of all necessary information as indicated above. Within ten (10) Business Days of Frontier's receipt of Telestride's notice provided for in Section 4.1of this Attachment, Frontier and Telestride shall confirm the technically feasible Point of Interconnection on Frontier's network in the new LATA and the mutually agreed upon Interconnection activation date for the new LATA.

5. Transmission and Routing of Telephone Exchange Service Traffic

5.1 Scope of Traffic.

Section 5 prescribes parameters for Interconnection Trunks used for Interconnection pursuant to Sections 2 through 4 of this Attachment.

5.2 Trunk Group Connections and Ordering.

5.2.1 For both One-Way and Two-Way Interconnection Trunks, if Telestride wishes to use a technically feasible interface other than a DS1 or a DS3 facility at the POI, the Parties shall negotiate reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such arrangement; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

5.2.2 When One-Way or Two-Way Interconnection Trunks are provisioned using a DS3 interface facility, if Telestride orders the multiplexed DS3 facilities to a Frontier Central Office that is not designated in the NECA 4 Tariff as the appropriate Intermediate Hub location (i.e., the Intermediate Hub location in the appropriate Tandem subtending area based on the LERG), and the provision of such facilities to the subject Central Office is technically feasible, the Parties shall negotiate in good faith reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such arrangement; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

5.2.3 Each Party will identify its Carrier Identification Code, a three or four digit numeric code obtained from Telcordia, to the other Party when ordering a trunk group.

5.2.4 For multi-frequency (MF) signaling each Party will out pulse ten (10) digits to the other Party, unless the Parties mutually agree otherwise.

5.2.5 Each Party will use commercially reasonable efforts to monitor trunk groups under its control and to augment those groups using generally accepted trunk-engineering standards so as to not exceed blocking objectives. Each Party agrees to use modular trunk-engineering techniques for trunks subject to this Attachment.

5.3 Switching System Hierarchy and Trunking Requirements.

For purposes of routing Telestride traffic to Frontier, the subtending arrangements between Frontier Tandems and Frontier End Offices shall be the same as the Tandem/End Office subtending arrangements Frontier maintains for the routing of its own or other carriers' traffic (i.e., traffic will be routed to the appropriate Frontier Tandem subtended by the terminating End Office serving the Frontier Customer). For purposes of routing Frontier traffic to Telestride, the subtending arrangements between Telestride Tandems and Telestride End Offices shall be the same as the Tandem/End Office subtending arrangements that Telestride maintains for the routing of its own or other carriers' traffic.

5.4 Signaling.

Each Party will provide the other Party with access to its databases and associated signaling necessary for the routing and completion of the other Party's traffic in accordance with the provisions of this Agreement and any applicable Tariff.

5.5 Grades of Service.

The Parties shall initially engineer and shall monitor and augment all trunk groups consistent with the Joint Process as set forth in Section 14.1 of this Attachment.

6. Traffic Measurement and Billing over Interconnection Trunks

6.1 For billing purposes, each Party shall pass Calling Party Number (CPN) information on at least ninety-five percent (95%) of calls carried over the Interconnection Trunks. In addition each party shall pass Charge Number (CN) unaltered where it is different than CPN.

6.1.1 As used in this Section 6, "Traffic Rate" means the applicable Reciprocal Compensation Traffic rate, Measured Internet Traffic rate, intrastate Switched Exchange Access Service rate, interstate Switched Exchange Access Service rate, or intrastate/interstate Tandem Transit Traffic rate, as provided in the Pricing Attachment, an applicable Tariff, or, for Measured Internet Traffic, the FCC Internet Orders.

6.1.2 If the originating Party passes CPN on ninety-five percent (95%) or more of its calls, the receiving Party shall bill the originating Party the Traffic Rate applicable to each relevant minute of traffic for which CPN is passed. For any remaining (up to 5%) calls without CPN information, the receiving Party shall bill the originating Party for such traffic at the Traffic Rate applicable to each relevant minute of traffic, in direct proportion to the minutes of use of calls passed with CPN information.

6.1.3 If the originating Party passes CPN on less than ninety-five percent (95%) of its calls and traffic studies determine the originating Party combined Reciprocal Compensation Traffic and Toll Traffic on the

same trunk group, the receiving Party shall bill the higher of its interstate Switched Exchange Access Service rates or its intrastate Switched Exchange Access Services rates for all traffic that is passed without CPN.

6.2 At such time as a receiving Party has the capability, on an automated basis, to use such CPN to classify traffic delivered over Interconnection Trunks by the other Party by Traffic Rate type (e.g., Reciprocal Compensation Traffic/Measured Internet Traffic, intrastate Switched Exchange Access Service, interstate Switched Exchange Access Service, or intrastate/interstate Tandem Transit Traffic), such receiving Party shall bill the originating Party the Traffic Rate applicable to each relevant minute of traffic for which CPN is passed. If the receiving Party lacks the capability, on an automated basis, to use CPN information on an automated basis to classify traffic delivered by the other Party by Traffic Rate type, the originating Party will supply Traffic Factor 1 and Traffic Factor 2. The Traffic Factors shall be supplied in writing by the originating Party within thirty (30) days of the Effective Date and shall be updated in writing by the originating Party quarterly. Measurement of billing minutes for purposes of determining terminating compensation shall be in conversation seconds (the time in seconds that the Parties equipment is used for a completed call, measured from the receipt of answer supervision to the receipt of disconnect supervision). Measurement of billing minutes for originating toll free service access code (e.g., 800/888/877) calls shall be in accordance with applicable Tariffs. Measured Internet Traffic and Reciprocal Compensation Traffic shall be exchanged by the parties on a bill and keep basis.

6.3 Each Party reserves the right to audit all Traffic, up to a maximum of two audits per Calendar Year, to ensure that rates are being applied appropriately; provided, however, that either Party shall have the right to conduct additional audit(s) if the preceding audit disclosed material errors or discrepancies. Each Party agrees to provide the necessary Traffic data in conjunction with any such audit in a timely manner.

6.4 Nothing in this Agreement shall be construed to limit either Party's ability to designate the areas within which that Party's Customers may make calls which that Party rates as "local" in its Customer Tariffs.

6.5 If and, to the extent that, a Telestride Customer receives V/FX Traffic, Telestride shall promptly provide notice thereof to Frontier (such notice to include, without limitation, the specific telephone number(s) that the Customer uses for V/FX Traffic, as well as the LATA in which the Customer's station is actually physically located) and shall not bill Frontier Reciprocal Compensation, intercarrier compensation or any other charges for calls placed by Frontier's Customers to such Telestride Customers.

7. Reciprocal Compensation Arrangements Pursuant to Section 251(b)(5) of the Act

7.1 Reciprocal Compensation.

The Parties shall exchange Reciprocal Compensation Traffic at the technically feasible Point(s) of Interconnection on Frontier's network in a LATA designated in accordance with the terms of this Agreement. The Party's will exchange Reciprocal Compensation Traffic on a bill and keep basis. No additional charges shall be assessed by the terminating Party for the transport and termination of such traffic from the technically feasible Point(s) of Interconnection on Frontier's network in a LATA to its Customer; provided, however, for the avoidance of any doubt, Telestride shall also pay Frontier, at the rates set forth in the Pricing

Attachment, for any multiplexing, cross connects or other collocation related Services that Telestride obtains from Frontier. When Toll Traffic is delivered over the same Interconnection Trunks as Reciprocal Compensation Traffic, any port, transport or other applicable access charges related to the delivery of Toll Traffic from the technically feasible Point of Interconnection on Frontier's network in a LATA to the terminating Party's Customer shall be prorated so as to apply only to the Toll Traffic. The designation of traffic as Reciprocal Compensation Traffic for purposes of Reciprocal Compensation shall be based on the actual originating and terminating points of the complete end-to-end communication.

7.2 Traffic Not Subject to Reciprocal Compensation.

7.2.1 Reciprocal Compensation shall not apply to interstate or intrastate Exchange Access (including, without limitation, Virtual Foreign Exchange Traffic (i.e., V/FX Traffic), Information Access, or exchange services for Exchange Access or Information Access.

7.2.2 Reciprocal Compensation shall not apply to Internet Traffic.

7.2.3 Reciprocal Compensation shall not apply to Toll Traffic, including, but not limited to, calls originated on a 1+ presubscription basis, or on a casual dialed (10XXX/101XXXX) basis.

7.2.4 Reciprocal Compensation shall not apply to Optional Extended Local Calling Scope Arrangement Traffic.

7.2.5 Reciprocal Compensation shall not apply to special access, private line, or any other traffic that is not switched by the terminating Party.

7.2.6 Reciprocal Compensation shall not apply to Tandem Transit Traffic.

7.2.7 Reciprocal Compensation shall not apply to Voice Information Service Traffic (as defined in Section 5 of the Additional Services Attachment).

7.2.8 Reciprocal Compensation shall not apply to traffic that is not subject to Reciprocal Compensation under Section 251(b)(5) of the Act.

7.2.9 Reciprocal Compensation shall not apply to Virtual Foreign Exchange Traffic (i.e., V/FX Traffic). As used in this Agreement, "Virtual Foreign Exchange Traffic" or "V/FX Traffic" is defined as calls in which a Telestride Customer is assigned a telephone number with an NXX Code (as set forth in the LERG) associated with an exchange that is different than the exchange (as set forth in the LERG) associated with the actual physical location of such Customer's station. For the avoidance of any doubt, Telestride shall pay Frontier's originating access charges for all V/FX Traffic originated by a Frontier Customer, and Telestride shall pay Frontier's terminating access charges for all V/FX Traffic originated by a Telestride Customer.

8. Other Types of Traffic

8.1 [Intentionally Left Blank]

8.2 Interstate and intrastate Exchange Access, Information Access, exchange services for Exchange Access or Information Access, and Toll Traffic, shall be governed by the applicable provisions of this Agreement and applicable Tariffs.

8.3 For any traffic originating with a third party carrier and delivered by Telestride to Frontier, Telestride shall pay Frontier the same amount that such third party carrier would have been obligated to pay Frontier for termination of that traffic at the location the traffic is delivered to Frontier by Telestride.

8.4 Any traffic not specifically addressed in this Agreement shall be treated as required by the applicable Tariff of the Party transporting and/or terminating the traffic.

8.5 The Parties may also exchange Internet Traffic at the technically feasible Point(s) of Interconnection on Frontier's network in a LATA established hereunder for the exchange of Reciprocal Compensation Traffic. Any intercarrier compensation that may be due in connection with the Parties' exchange of Internet Traffic shall be applied at such technically feasible Point of Interconnection on Frontier's network in a LATA in accordance with the FCC Internet Orders and other applicable FCC orders and FCC Regulations.

9. Transmission and Routing of Exchange Access Traffic

9.1 Scope of Traffic.

Section 9 prescribes parameters for certain trunks to be established over the Interconnections specified in Sections 2 through 5 of this Attachment for the transmission and routing of traffic between Telestride Telephone Exchange Service Customers and Interexchange Carriers ("Access Toll Connecting Trunks"), in any case where Telestride elects to have its End Office Switch subtend a Frontier Tandem. This includes casually-dialed (1010XXX and 101XXXX) traffic.

9.2 Access Toll Connecting Trunk Group Architecture.

9.2.1 If Telestride chooses to subtend a Frontier access Tandem, Telestride's NPA/NXX must be assigned by Telestride to subtend the same Frontier access Tandem that a Frontier NPA/NXX serving the same Rate Center Area subtends as identified in the LERG.

9.2.2 Telestride shall establish Access Toll Connecting Trunks pursuant to applicable access Tariffs by which it will provide Switched Exchange Access Services to Interexchange Carriers to enable such Interexchange Carriers to originate and terminate traffic to and from Telestride's Customers.

9.2.3 The Access Toll Connecting Trunks shall be two-way trunks. Such trunks shall connect the End Office Telestride utilizes to provide Telephone Exchange Service and Switched Exchange Access to its Customers in a given LATA to the access Tandem(s) Frontier utilizes to provide Exchange Access in such LATA.

9.2.4 Access Toll Connecting Trunks shall be used solely for the transmission and routing of Exchange Access to allow Telestride's Customers to connect to or be connected to the interexchange trunks of any Interexchange Carrier which is connected to a Frontier access Tandem.

10. Meet-Point Billing (MPB) Arrangements

10.1 Telestride and Frontier will establish MPB arrangements in order to provide a common transport option to Switched Exchange Access Services customers via a Frontier access Tandem Switch in accordance with the MPB guidelines contained in the OBF's MECAB and MECOD documents, except as modified herein, and in Frontier's applicable Tariffs. The arrangements described in this Section 10 are intended to be used to provide Switched Exchange Access Service where the transport component of the Switched Exchange Access Service is routed through an access Tandem Switch that is provided by Frontier.

10.2 In each LATA, the Parties shall establish MPB arrangements for the applicable Telestride Routing Point/Frontier Serving Interconnection Wire Center combinations.

10.3 Interconnection for the MPB arrangement shall occur at each of the Frontier access Tandems in the LATA, unless otherwise agreed to by the Parties.

10.4 Telestride and Frontier will use reasonable efforts, individually and collectively, to maintain provisions in their respective state access Tariffs, and/or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor Tariff sufficient to reflect the MPB arrangements established pursuant to this Agreement.

10.5 In general, there are four alternative MPB arrangements possible, which are: Single Bill/Single Tariff, Multiple Bill/Single Tariff, Multiple Bill/Multiple Tariff, and Single Bill/Multiple Tariff, as outlined in the OBF MECAB Guidelines.

Each Party shall implement the "Multiple Bill/Single Tariff" or "Multiple Bill/Multiple Tariff" option, as appropriate, in order to bill an IXC for the portion of the MPB arrangement provided by that Party. Alternatively, in former Bell Atlantic service areas, upon agreement of the Parties, each Party may use the New York State Access Pool on its behalf to implement the Single Bill/Multiple Tariff or Single Bill/Single Tariff option, as appropriate, in order to bill an IXC for the portion of the MPB arrangement provided by that Party.

10.6 The rates to be billed by each Party for the portion of the MPB arrangement provided by it shall be as set forth in that Party's applicable Tariffs, or other document that contains the terms under which that Party's access services are offered. For each Telestride Routing Point/Frontier Serving Interconnection Wire Center combination, the MPB billing percentages for transport between the Telestride Routing Point and the Frontier Serving Interconnection Wire Center shall be calculated in accordance with the formula set forth in Section 10.17 of this Attachment.

10.7 Each Party shall provide the other Party with the billing name, billing address, and Carrier Identification Code (CIC) of the IXC, and identification of the Frontier Interconnection Wire Center serving the IXC in order to comply with the MPB notification process as outlined in the MECAB document.

10.8 Frontier shall provide Telestride with the Terminating Switched Access Detail Usage Data (EMI category 1101XX records) recorded at the Frontier access Tandem on cartridge or via such other media as the Parties may agree to, no later than ten (10) Business Days after the date the usage occurred.

10.9 Telestride shall provide Frontier with the Originating Switched Access Detail Usage Data (EMI category 1101XX records) on cartridge or via such other media as the Parties may agree, no later than ten (10) Business Days after the date the usage occurred.

10.10 All usage data to be provided pursuant to Sections 10.8 and 10.9 of this Attachment shall be sent to the following addresses:

To Telestride:

James U Troup
Manager
575 7th St., NW
Washington, DC 20004
Telephone: (202) 344-8066
Fax: (202) 344-8300
jtroup@venable.com

For Frontier:

Frontier Communications
ATTN: Access Billing
P.O. Box 92713
Rochester, NY 14692

Either Party may change its address for receiving usage data by notifying the other Party in writing pursuant to Section 29 of the General Terms and Conditions.

10.11 Telestride and Frontier shall coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers or Operating Company Number ("OCN"), as appropriate, for the MPB arrangements described in this Section 10. Each Party shall notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number, or if the OCN changes.

10.12 Each Party agrees to provide the other Party with notification of any errors it discovers in MPB data within thirty (30) calendar days of the receipt of the original data. The other Party shall attempt to correct the error and resubmit the data within ten (10) Business Days of the notification. In the event the errors cannot be corrected within such ten- (10) Business-Day period, the erroneous data will be considered lost. In the event of a loss of data, whether due to uncorrectable errors or otherwise, both Parties shall cooperate to reconstruct the lost data and, if such reconstruction is not possible, shall accept a reasonable estimate of the lost data based upon prior usage data.

10.13 Either Party may request a review or audit of the various components of access recording up to a maximum of two (2) audits per calendar year. All costs associated with each review and audit shall be borne by the requesting Party. Such review or audit shall be conducted subject to Section 7 of the General Terms and Conditions and during regular business hours. A Party may conduct additional audits, at its expense, upon the other Party's consent, which consent shall not be unreasonably withheld.

10.14 Except as expressly set forth in this Agreement, nothing contained in this Section 10 shall create any liability for damages, losses, claims, costs, injuries, expenses or other liabilities whatsoever on the part of either Party.

10.15 MPB will apply for all traffic bearing the 500, 900, toll free service access code (e.g. 800/888/877) (to the extent provided by an IXC) or any other non-geographic NPA which may be designated for such traffic in the future.

10.16 In the event Telestride determines to offer Telephone Exchange Services in a LATA in which Frontier operates an access Tandem Switch, Frontier shall permit and enable Telestride to subtend the Frontier access Tandem Switch(es) designated for the Frontier End Offices in the area where there are located Telestride Routing Point(s) associated with the NPA NXX(s) to/from which the Switched Exchange Access Services are homed.

10.17 Except as otherwise mutually agreed by the Parties, the MPB billing percentages for each Routing Point/Frontier Serving Interconnection Wire Center combination shall be calculated according to the following formula, unless as mutually agreed to by the Parties:

a / (a + b) = Telestride Billing Percentage

and

b / (a + b) = Frontier Billing Percentage

where:

a = the airline mileage between Telestride Routing Point and the actual point of interconnection for the MPB arrangement; and

b = the airline mileage between the Frontier Serving Interconnection Wire Center and the actual point of interconnection for the MPB arrangement.

10.18 Telestride shall inform Frontier of each LATA in which it intends to offer Telephone Exchange Services and its calculation of the billing percentages which should apply for such arrangement. Within ten (10) Business Days of Telestride's delivery of notice to Frontier, Frontier and Telestride shall confirm the Routing Point/Frontier Serving Interconnection Wire Center combination and billing percentages.

11. Toll Free Service Access Code (e.g., 800/888/877) Traffic

The following terms shall apply when either Party delivers toll free service access code (e.g., 800/877/888)("8YY") calls to the other Party. For the purposes of this Section 11, the terms "translated" and "untranslated" refers to those toll free service access code calls that have been queried ("translated") or have not been queried ("untranslated") to an 8YY database. Except as otherwise agreed to by the Parties, all Telestride originating "untranslated" 8YY traffic will be routed over a separate One-Way miscellaneous Trunk group.

11.1 When Telestride delivers translated 8YY calls to Frontier to be completed by

11.1.1 an IXC:

11.1.1.1 Telestride will provide an appropriate EMI record to Frontier;

11.1.1.2 Telestride will bill the IXC the Telestride's applicable Switched Exchange Access Tariff charges and the Telestride's applicable Tariff query charges; and

11.1.1.3 Frontier will bill the IXC Frontier's applicable Switched Exchange Access Tariff charges.

11.1.2 Frontier:

11.1.2.1 Telestride will provide an appropriate EMI record to Frontier; and

11.1.2.2 Telestride will bill Frontier the Telestride's Switched Exchange Access Tariff charges and the Telestride's applicable Tariff query charge.

11.1.3 a toll free service access code service provider in that LATA:

11.1.3.1 Telestride will provide an appropriate EMI record to Frontier and the toll free service access code service provider;

11.1.3.2 Telestride will bill the toll free service access code service provider the Telestride's applicable Switched Exchange Access Tariff charges and the Telestride's applicable Tariff query charges; and

11.1.3.3 Frontier will bill the toll free service access code service provider Frontier's applicable Switched Exchange Access Tariff charges.

11.2 When Frontier performs the query and delivers translated 8YY calls, originated by Frontier's Customer or another LEC's Customer to Telestride to be completed by

11.2.1 Telestride:

11.2.1.1 Frontier will provide an appropriate EMI record to Telestride; and

11.2.1.2 Frontier will bill Telestride Frontier's applicable Switched Exchange Access Tariff charges and Frontier's applicable Tariff query charges.

11.2.2 a toll free service access code service provider in that LATA:

11.2.2.1 Frontier will provide an appropriate EMI record to Telestride and the toll free service access code service provider;

11.2.2.2 Frontier will bill the toll free service access code service provider Frontier's applicable Switched Exchange Access Tariff charges and Frontier's applicable Tariff query charges; and

11.2.2.3 Telestride will bill the toll free service access code service provider the Telestride's applicable Switched Exchange Access Tariff charges.

11.3 When Telestride delivers untranslated 8YY calls to Frontier to be completed by

11.3.1 an IXC:

11.3.1.1 Frontier will query the call and route the call to the appropriate IXC;

11.3.1.2 Frontier will provide an appropriate EMI record to Telestride;

11.3.1.3 Frontier will bill the IXC Frontier's applicable Switched Exchange Access Tariff charges and Frontier's applicable Tariff query charges; and

11.3.1.4 Telestride will bill the IXC Telestride's applicable Switched Exchange Access Tariff charges.

11.3.2 Frontier:

11.3.2.1 Frontier will query the call and complete the call;

11.3.2.2 Frontier will provide an appropriate EMI record to Telestride;

11.3.2.3 Telestride will bill Frontier the Telestride's applicable Switched Exchange Access Tariff charges.

11.3.3 a toll free service access code service provider in that LATA:

11.3.3.1 Frontier will query the call and route the call to the appropriate toll free service access code service provider;

11.3.3.2 Frontier will provide an appropriate EMI record to Telestride and the toll free service access code service provider;

11.3.3.3 Frontier will bill the toll free service access code service provider Frontier's applicable Switched Exchange Access Tariff and Frontier's applicable Tariff query charges; and

11.3.3.4 Telestride will bill the toll free service access code service provider the Telestride's applicable Switched Exchange Access Tariff charges.

11.4 Frontier will not direct untranslated toll free service access code calls to Telestride.

12. Tandem Transit Traffic

12.1 As used in this Section, Tandem Transit Traffic is Telephone Exchange Service traffic that originates on Telestride's network, and is transported through Frontier's Tandem to the subtending End Office or its equivalent of another carrier (CLEC, ILEC other than Frontier, Commercial Mobile Radio Service (CMRS) carrier, or other LEC ("Other Carrier"). Neither the originating nor terminating customer is a Customer of Frontier. Subtending End Offices shall be determined in accordance with and as identified in the Local Exchange Routing Guide (LERG). For the avoidance of any doubt, under no circumstances shall Frontier be required to transit traffic through a Frontier Tandem to a Central Office that the LERG does not identify as subtending that particular Frontier Tandem. Switched Exchange Access Service traffic is not Tandem Transit Traffic.

12.2 Tandem Transit Traffic Service provides Telestride with the transport of Tandem Transit Traffic as provided below.

12.3 Tandem Transit Traffic may be routed over the Interconnection Trunks described in Sections 2 through 6 of this Attachment. Telestride shall deliver each Tandem Transit Traffic call to Frontier's Tandem with CCS and the appropriate Transactional Capabilities Application Part ("TCAP") message to facilitate full interoperability of CLASS Features and billing functions.

12.4 Telestride may use Tandem Transit Traffic Service only for traffic that originates on Telestride's network and only to send traffic to an Other Carrier with whom Telestride has a reciprocal traffic exchange arrangement (either via written agreement or mutual tariffs) that provides for the Other Carrier, to terminate or complete traffic originated by Telestride and to bill Telestride, and not to bill Frontier, for such traffic. Telestride agrees not to use Frontier's Tandem Transit Traffic Service to send traffic to an Other Carrier with whom Telestride does not have such a reciprocal traffic exchange arrangement or to send traffic that does not originate on Telestride's network.

12.5 Telestride shall pay Frontier for Tandem Transit Traffic Service at the rates specified in the Pricing Attachment. Frontier will not be liable for compensation to any Other Carrier for any traffic that is transported through Frontier's Tandem and Frontier reserves the right to assess to Telestride any additional charges or costs any Other Carrier imposes or levies on Frontier for the delivery or termination of such traffic, including any Switched Exchange Access Service charges. If Frontier is billed by any Other Carrier for any traffic originated by Telestride, Frontier may provide notice to Telestride of such billing. Upon receipt of such notice, Telestride shall immediately stop using Frontier's Tandem Transit Traffic Service to send any traffic to such Other Carrier until it has provided to Frontier certification that the Other Carrier has removed such billed charges from its bill to Frontier and that the Other Carrier will not bill Frontier for any traffic originated by Telestride. Such certification must be signed by an authorized officer or agent of the Other Carrier and must be in a form acceptable to Frontier.

12.6 If Telestride uses Tandem Transit Traffic Service for traffic volumes that exceed the Centum Call Seconds (Hundred Call Seconds) busy hour equivalent of 200,000 combined minutes of use per month (a DS1 equivalent) to the subtending End Office of a particular Other Carrier for any month (the "Threshold Level"). Telestride shall use good faith efforts to establish direct interconnection with such Other Carrier and reduce such traffic volumes below the Threshold Level. If Frontier believes that Telestride has not exercised good faith efforts promptly to obtain such direct interconnection, either Party may use the Dispute Resolution processes of this Agreement.

12.7 If Telestride fails to comply with Section 12 of this Attachment, such failure shall be a material breach of a material provision of this Agreement and Frontier may exercise any and all remedies under this Agreement and Applicable Law for such breach.

12.8 If or when a third party carrier plans to subtend a Telestride switch, then Telestride shall provide written notice to Frontier at least ninety (90) days before such subtending service arrangement becomes effective so that Frontier may negotiate and establish direct interconnection with such third party carrier. Upon written request from Frontier, Telestride shall offer to Frontier a service arrangement equivalent to or the same as Tandem Transit Traffic Service provided by Frontier to Telestride as defined in this Section such that Frontier may terminate calls to a Central Office or its equivalent of a CLEC, ILEC other

than Frontier, CMRS carrier, or other LEC, that subtends a Telestride Central Office or its equivalent ("Reciprocal Tandem Transit Service"). Telestride shall offer such Reciprocal Transit Service arrangements under terms and conditions of an amendment to this Agreement or a separate agreement no less favorable than those provided in this Section.

12.9 Neither Party shall take any actions to prevent the other Party from entering into a direct and reciprocal traffic exchange arrangement with any carrier to which it originates, or from which it terminates, traffic.

13. Number Resources, Rate Center Areas and Routing Points

13.1 Nothing in this Agreement shall be construed to limit or otherwise adversely affect in any manner either Party's right to employ or to request and be assigned any Central Office Codes ("NXX") pursuant to the Central Office Code Assignment Guidelines and any relevant FCC or Commission orders, as may be amended from time to time, or to establish, by Tariff or otherwise, Rate Center Areas and Routing Points corresponding to such NXX codes.

13.2 It shall be the responsibility of each Party to program and update its own switches and network systems pursuant to information provided on ASRs as well as the LERG in order to recognize and route traffic to the other Party's assigned NXX codes. Except as expressly set forth in this Agreement, neither Party shall impose any fees or charges whatsoever on the other Party for such activities.

13.3 Unless otherwise required by Commission order, the Rate Center Areas will be the same for each Party. During the term of this Agreement, Telestride shall adopt the Rate Center Area and Rate Center Points that the Commission has approved for Frontier within the LATA and Tandem serving area. Telestride shall assign whole NPA-NXX codes to each Rate Center Area unless otherwise ordered by the FCC, the Commission or another governmental entity of appropriate jurisdiction, or the LEC industry adopts alternative methods of utilizing NXXs.

13.4 Telestride will also designate a Routing Point for each assigned NXX code. Telestride shall designate one location for each Rate Center Area in which the Telestride has established NXX code(s) as the Routing Point for the NPA-NXXs associated with that Rate Center Area, and such Routing Point shall be within the same LATA as the Rate Center Area but not necessarily within the Rate Center Area itself. Unless specified otherwise, calls to subsequent NXXs of Telestride will be routed in the same manner as calls to Telestride's initial NXXs.

13.5 Notwithstanding anything to the contrary contained herein, nothing in this Agreement is intended, and nothing in this Agreement shall be construed, to in any way constrain Telestride's choices regarding the size of the local calling area(s) that Telestride may establish for its Customers, which local calling areas may be larger than, smaller than, or identical to Frontier's local calling areas.

14. Joint Network Implementation and Grooming Process; Forecasting

14.1 Joint Network Implementation and Grooming Process.

Upon request of either Party, the Parties shall jointly develop an implementation and grooming process (the "Joint Grooming Process" or "Joint Process") which may define and detail, inter alia:

14.1.1 standards to ensure that Interconnection Trunks experience a grade of service, availability and quality which is comparable to that achieved on interoffice trunks within Frontier's network and in accord with all appropriate relevant industry-accepted quality, reliability and availability standards. Except as otherwise stated in this Agreement, trunks provided by either Party for Interconnection services will be engineered using a design-blocking objective of B.01.

14.1.2 the respective duties and responsibilities of the Parties with respect to the administration and maintenance of the trunk groups, including, but not limited to, standards and procedures for notification and discoveries of trunk disconnects;

14.1.3 disaster recovery provision escalations;

14.1.4 additional technically feasible Point(s) of Interconnection on Frontier's network in a LATA as provided in Section 2 of this Attachment; and

14.1.5 such other matters as the Parties may agree, including, e.g., End Office to End Office high usage trunks as good engineering practices may dictate.

14.2 Trunk Forecasting Requirements.

14.2.1 Initial Trunk Forecast Requirements. At least ninety (90) days before initiating interconnection in a LATA, Telestride shall provide Frontier a two (2)-year traffic forecast that complies with the Frontier Interconnection Trunking Forecast Guide, as revised from time to time. This initial traffic forecast will provide the amount of traffic to be delivered to and from Frontier over each of the Interconnection Trunk groups in the LATA over the next eight (8) quarters.

14.2.2 Ongoing Trunk Forecast Requirements. Where the Parties have already established interconnection in a LATA, Telestride shall provide a new or revised traffic forecast that complies with the Frontier Interconnection Trunking Forecast Guide when Telestride develops plans or becomes aware of information that will materially affect the Parties' interconnection in that LATA. Instances that require a new or revised forecast include, but are not limited to: (a) Telestride plans to deploy a new switch; (b) Telestride plans to implement a new POI or network architecture; (c) Telestride plans to rearrange its network; (d) Telestride plans to convert a One-Way Interconnection Trunk group to a Two-Way Interconnection Trunk group; (e) Telestride plans to convert a Two-Way Interconnection Trunk group to a One-Way Interconnection Trunk group; or (f) Telestride expects a significant change in interconnection traffic volume. In addition, upon request by either Party, the Parties shall meet to: (i) review traffic and usage data on End Office and Tandem Interconnection Trunk groups and (ii) determine whether the Parties should establish new Interconnection Trunk groups, augment existing Interconnection Trunk groups, or disconnect existing Interconnection Trunks.

14.2.3 Use of Trunk Forecasts. Trunk forecasts provided pursuant to this Agreement must be prepared in good faith but are not otherwise binding on Telestride or Frontier.

15. Number Portability - Section 251(B)(2)

15.1 Scope.

The Parties shall provide Number Portability (NP) in accordance with rules and regulations as from time to time prescribed by the FCC.

15.2 Procedures for Providing LNP ("Local Number Portability").

The Parties will follow the LNP provisioning process recommended by the North American Numbering Council (NANC) and the Industry Numbering Council (INC), and adopted by the FCC. In addition, the Parties agree to follow the LNP ordering procedures established at the OBF. The Parties shall provide LNP on a reciprocal basis.

15.2.1 A Customer of one Party ("Party A") elects to become a Customer of the other Party ("Party B"). The Customer elects to utilize the original telephone number(s) corresponding to the Telephone Exchange Service(s) it previously received from Party A, in conjunction with the Telephone Exchange Service(s) it will now receive from Party B. After Party B has received authorization from the Customer in accordance with Applicable Law and sends an LSR to Party A, Parties A and B will work together to port the Customer's telephone number(s) from Party A's network to Party B's network.

15.2.2 When a telephone number is ported out of Party A's network, Party A will remove any non-proprietary line based calling card(s) associated with the ported number(s) from its Line Information Database (LIDB). Reactivation of the line-based calling card in another LIDB, if desired, is the responsibility of Party B or Party B's Customer.

15.2.3 When a Customer of Party A ports their telephone numbers to Party B and the Customer has previously secured a reservation of line numbers from Party A for possible activation at a future point, these reserved but inactive numbers may be ported along with the active numbers to be ported provided the numbers have been reserved for the Customer. Party B may request that Party A port all reserved numbers assigned to the Customer or that Party A port only those numbers listed by Party B. As long as Party B maintains reserved but inactive numbers ported for the Customer, Party A shall not reassign those numbers. Party B shall not reassign the reserved numbers to another Customer.

15.2.4 When a Customer of Party A ports their telephone numbers to Party B, in the process of porting the Customer's telephone numbers, Party A shall implement the ten-digit trigger feature where it is available. When Party A receives the porting request, the unconditional trigger shall be applied to the Customer's line before the due date of the porting activity. When the ten-digit unconditional trigger is not available, Party A and Party B must coordinate the disconnect activity.

15.2.5 The Parties shall furnish each other with the Jurisdiction Information Parameter (JIP) in the Initial Address Message (IAM), according to industry standards.

15.2.6 Where LNP is commercially available, the NXXs in the office shall be defined as portable, except as noted in 15.2.7, and translations will be changed in the Parties' switches to open those NXXs for database queries in all applicable LNP capable offices within the LATA of the

given switch(es). On a prospective basis, all newly deployed switches will be equipped with LNP capability and so noted in the LERG.

15.2.7 All NXXs assigned to LNP capable switches are to be designated as portable unless a NXX(s) has otherwise been designated as non-portable. Non-portable NXXs include NXX codes assigned to paging services; NXX codes assigned for internal testing and official use, and any other NXX codes required to be designated as non-portable by the rules and regulations of the FCC. NXX codes assigned to mass calling on a choked network may not be ported using LNP technology but are portable using methods established by the NANC and adopted by the FCC. On a prospective basis, newly assigned codes in switches capable of porting shall become commercially available for porting with the effective date in the network.

15.2.8 Both Parties' use of LNP shall meet the performance criteria specified by the FCC. Both Parties will act as the default carrier for the other Party in the event that either Party is unable to perform the routing necessary for LNP.

15.3 Procedures for Providing NP Through Full NXX Code Migration.

Where a Party has activated an entire NXX for a single Customer, or activated at least eighty percent (80%) of an NXX for a single Customer, with the remaining numbers in that NXX either reserved for future use by that Customer or otherwise unused, if such Customer chooses to receive Telephone Exchange Service from the other 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 be accomplished with appropriate coordination between the Parties and subject to appropriate industry lead times for movements of NXXs from one switch to another. Neither Party shall charge the other in connection with this coordinated transfer.

15.4 Procedures for LNP Request.

The Parties shall provide for the requesting of End Office LNP capability on a reciprocal basis through a written request. The Parties acknowledge that Frontier has deployed LNP throughout its network in compliance with FCC 96-286 and other applicable FCC Regulations.

15.4.1 If Party B desires to have LNP capability deployed in an End Office of Party A, which is not currently capable, Party B shall issue a LNP request to Party A. Party A will respond to the Party B, within ten (10) days of receipt of the request, with a date for which LNP will be available in the requested End Office. Party A shall proceed to provide for LNP in compliance with the procedures and timelines set forth in FCC 96-286, Paragraph 80, and FCC 97-74, Paragraphs 65 through 67.

15.4.2 The Parties acknowledge that each can determine the LNP-capable End Offices of the other through the Local Exchange Routing Guide (LERG). In addition, the Parties shall make information available upon request showing their respective LNP-capable End Offices, as set forth in this Section 15.4.

15.5 Telestride shall submit orders to port numbers electronically using an LSR via the Frontier web Graphical User Interface ("GUI") or Electronic Data Interface ("EDI") pursuant to the instructions, business rules and guidelines set forth on the Frontier website (formerly referred to as the Frontier wholesale website).

16. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

TRAFFIC EXCHANGE ATTACHMENT

1. General

Where both Parties subtend the same Tandem Switch operated by a third party (such third party hereinafter referred to as the "Third Party Tandem Provider" and such switch hereinafter referred to as the "Third Party Tandem Switch"), then, subject to the terms and conditions of this Attachment, for those NPA/NXX codes assigned by each Party to Rate Center Areas served by that Third Party Tandem Switch, the Parties may reciprocally exchange Reciprocal Compensation Traffic, Measured Internet Traffic, intraLATA Toll Traffic, and translated IntraLATA toll free service access code traffic, originated by their respective Customers, through that Third Party Tandem Switch. For the avoidance of any doubt, nothing in this Attachment shall preclude the Parties from interconnecting their networks in accordance with the Interconnection Attachment, which Interconnection Attachment must be a part of the Agreement.

2. Arrangements With Third Party Tandem Provider

2.1 The Parties acknowledge and agree that, in order to exchange Reciprocal Compensation Traffic, Measured Internet Traffic, IntraLATA Toll Traffic, and translated IntraLATA toll free service access code traffic under this Attachment, each Party must have established and must maintain its own interconnection and compensation arrangements with the Third Party Tandem Provider for the routing and exchange of the foregoing traffic between the Parties under this Attachment (e.g., arrangements that permit the subject traffic to be exchanged through the Third Party Tandem Provider). In addition, the Parties must also fulfill each of the other requirements of this Attachment.

2.1.1 If such arrangements between a Party and the Third Party Tandem Provider are terminated (e.g., where a Third Party Tandem Provider does not permit a Party to exchange the foregoing traffic using the Third Party Tandem Switch), that Party shall promptly give written notice thereof to the other Party. Absent the existence of such arrangements with the Third Party Tandem Provider, each Party shall have the right, on written notice to the other Party, to discontinue exchanging the foregoing traffic with the other Party (i.e., receiving such traffic from or, sending such traffic to, the other Party) under this Attachment.

2.1.2 Notwithstanding any other provision of this Agreement, on one hundred twenty (120) days written notice, a Party may discontinue exchanging the foregoing traffic with the other Party under this Attachment.

2.2 Forecasting Requirements.

2.2.1 Within ninety (90) days of executing the Agreement, Telestride shall provide Frontier a two (2)-year traffic forecast. This initial forecast will provide the amount of traffic to be delivered to and from Frontier pursuant to this Attachment, over the next eight (8) quarters.

2.2.2 Ongoing forecast requirements. Where the Parties are already exchanging traffic through a Third Party Tandem Switch in a LATA, Telestride shall provide a new or revised traffic forecast when Telestride develops plans or becomes aware of information that will

materially affect the Parties' exchange of traffic through such Third Party Tandem Switch in that LATA. Instances that require a new or revised forecast include, but are not limited to: (i) Telestride plans to deploy a new switch; (ii) Telestride plans to implement interconnection in accordance with the Interconnection Attachment or a new network architecture; (iii) Telestride plans to rearrange its network; or (iv) Telestride expects a significant change in traffic volume.

2.2.3 Use of Forecasts. Forecasts provided pursuant to this Agreement are not binding on Telestride or Frontier.

2.3 Prior to exchanging traffic through a Third Party Tandem Switch, Telestride shall meet with Frontier to conduct a joint planning meeting ("Third Party Tandem Provider Joint Planning Meeting"). At that Third Party Tandem Provider Joint Planning Meeting, each Party shall, among other things, provide to the other Party originating Centum Call Second (Hundred Call Second) information.

2.4 If and, when, the volume of traffic exchanged between a Frontier End Office and Telestride switch through a Third Party Tandem Switch exceeds (a) the Centum Call Second (Hundred Call Second) busy hour equivalent of one (1) DS-1 at any time; (b) 200,000 combined minutes of use for any month; (c) 600 busy hour Centum Call Seconds (BHCCS) of use for a single month, upon the written request of either Party, the Parties shall meet promptly and consider whether to interconnect their respective networks pursuant to the Interconnection Attachment. In the event the Parties so interconnect their respective networks, the Parties shall discontinue exchanging any and all traffic through the Third Party Tandem Switch, unless the Parties otherwise agree to continue exchanging traffic but, on an overflow basis, through the Third Party Tandem Switch.

2.5 Nothing in this Attachment shall be read to require either Party to establish and/or maintain a subtending arrangement with a Third Party Tandem Provider.

3. Initiating Traffic Exchange Under This Attachment

3.1 If Telestride determines to offer Telephone Exchange Services and wishes to exchange traffic with Frontier through a Third Party Tandem Switch in any LATA in which Frontier also offers Telephone Exchange Services, Telestride shall provide written notice to Frontier of its request to exchange traffic through a Third Party Tandem Switch in such LATA pursuant to this Attachment.

3.2 The notice provided in Section 3.1 of this Attachment shall include (a) Telestride's proposed traffic exchange activation date; (b) a forecast of Telestride's traffic volumes conforming to Section 2 of this Attachment; and (c) such other information as Frontier shall reasonably request in order to facilitate traffic exchange under this Attachment.

3.3 The traffic exchange activation date in the new LATA shall be mutually agreed to by the Parties after receipt by Frontier of all necessary information as indicated in Section 3.2 of this Attachment.

4. Traffic Measurement and Billing

4.1 The Parties agree that they will make commercially reasonable efforts to obtain and utilize accurate and complete recordings, of any traffic exchanged between them under this Attachment, for use in billing.

4.2 At such time as a receiving Party has the capability, on an automated basis, to use CPN to classify traffic from the other Party, exchanged under this Attachment, by traffic type (i.e., Reciprocal Compensation Traffic, Measured Internet Traffic, intraLATA Toll Traffic, and IntraLATA toll free service access code traffic), such receiving Party shall bill the originating Party the rate applicable to each relevant minute of traffic for which CPN is received. If the receiving Party lacks the capability, on an automated basis, to use CPN information on an automated basis to classify traffic received from the other Party by traffic type, the originating Party will supply Traffic Factor 1 and Traffic Factor 2. In any case, the Traffic Factors shall be supplied in writing by the originating Party within thirty (30) days of the Effective Date and shall be updated in writing by the originating Party quarterly. Measurement of billing minutes for purposes of determining terminating compensation shall be in conversation seconds (the time in seconds that a Party's equipment is used for a completed call, measured from the receipt of answer supervision to the receipt of disconnect supervision). Measurement of billing minutes for originating toll free service access code (e.g., 800/888/877) calls shall be in accordance with applicable Tariffs. Determination as to whether traffic is Reciprocal Compensation Traffic or Measured Internet Traffic shall be made in accordance with Paragraphs 8 and 79, and other applicable provisions, of the FCC Internet Order (including, but not limited to, in accordance with the rebuttable presumption established by the FCC Internet Order that traffic delivered to a carrier that exceeds a 3:1 ratio of terminating to originating traffic is Measured Internet Traffic, and in accordance with the process established by the FCC Internet Order for rebutting such presumption before the Commission).

4.3 Each Party reserves the right to audit all traffic exchanged under this Attachment, up to a maximum of two audits per calendar year, to ensure that rates are being applied appropriately; provided, however, that either Party shall have the right to conduct additional audit(s) if the preceding audit disclosed material errors or discrepancies. Each Party agrees to provide the necessary traffic data in conjunction with any such audit in a timely manner.

4.4 Nothing in this Agreement shall be construed to limit either Party's ability to designate the areas within which that Party's Customers may make calls which that Party rates as "local" in its Customer Tariffs.

4.5 If and, to the extent that, a Telestride Customer receives V/FX Traffic exchanged under this Attachment, Telestride shall promptly provide notice thereof to Frontier (such notice to include, without limitation, the specific telephone number(s) that the Customer uses for V/FX Traffic, as well as the LATA in which the Customer's station is actually physically located) and shall not bill Frontier Reciprocal Compensation, intercarrier compensation or any other charges for calls placed by Frontier's Customers to such Telestride Customers.

5. Reciprocal Compensation Arrangements Pursuant to Section 251(b)(5) of the Act

5.1 Reciprocal Compensation.

The Party originating Reciprocal Compensation Traffic shall compensate the terminating Party for the transport and termination of such traffic to its Customer in accordance with Section 251(b)(5) of the Act at the equal and symmetrical rates stated in the Pricing Attachment; it being understood and agreed that because the Third Party Tandem Provider is providing the tandem functionally to both Parties, Frontier shall charge (and Telestride shall pay Frontier) the End Office Reciprocal Compensation rate set forth in the Pricing Attachment for Reciprocal Compensation Traffic Frontier receives from Telestride and Telestride

shall charge (and Frontier shall pay Telestride) the End Office Reciprocal Compensation rate set forth in the Pricing Attachment for Reciprocal Compensation Traffic Telestride receives from Frontier. No additional charges shall be assessed by the terminating Party for the transport and termination of such traffic received from the other Party; provided, however, for the avoidance of any doubt, neither Party may assess upon, or pass through to, the other Party any charges billed by (or on behalf of) the Third Party Tandem Provider. The designation of traffic as Reciprocal Compensation Traffic for purposes of Reciprocal Compensation shall be based on the actual originating and terminating points of the complete end-to-end communication.

5.2 Traffic Not Subject to Reciprocal Compensation.

5.2.1 Reciprocal Compensation shall not apply to interstate or intrastate Exchange Access (including, without limitation, Virtual Foreign Exchange Traffic (i.e., V/FX Traffic)), Information Access, or exchange services for Exchange Access or Information Access.

5.2.2 Reciprocal Compensation shall not apply to Internet Traffic.

5.2.3 Reciprocal Compensation shall not apply to Toll Traffic, including, but not limited to, calls originated on a 1+ presubscription basis, or on a casual dialed (10XXX/101XXXX) basis.

5.2.4 Reciprocal Compensation shall not apply to Optional Extended Local Calling Area Traffic.

5.2.5 Reciprocal Compensation shall not apply to special access, private line, or any other traffic that is not switched by the terminating Party.

5.2.6 Reciprocal Compensation shall not apply to Tandem Transit Traffic.

5.2.7 Reciprocal Compensation shall not apply to Voice Information Service Traffic (as defined in Section 5 of the Additional Services Attachment).

5.2.8 Reciprocal Compensation shall not apply to traffic that is not subject to Reciprocal Compensation under Section 251(b)(5) of the Act.

5.2.9 Reciprocal Compensation shall not apply to Virtual Foreign Exchange Traffic (i.e., V/FX Traffic). As used in this Agreement, “Virtual Foreign Exchange Traffic” or “V/FX Traffic” is defined as calls in which a Telestride Customer is assigned a telephone number with an NXX Code (as set forth in the LERG) associated with an exchange that is different than the exchange (as set forth in the LERG) associated with the actual physical location of such Customer’s station. For the avoidance of any doubt, Telestride shall pay Frontier’s originating access charges for all V/FX Traffic originated by a Frontier Customer, and Telestride shall pay Frontier’s terminating access charges for all V/FX Traffic originated by a Telestride Customer.

5.3 The Reciprocal Compensation rates (including, but not limited to, the Reciprocal Compensation per minute of use charges) billed by Telestride to Frontier shall not exceed the Reciprocal Compensation rates (including, but not limited to, Reciprocal Compensation per minute of use charges) billed by Frontier to Telestride.

6. Other Types of Traffic

6.1 Notwithstanding any other provision of this Agreement or otherwise: (a) the Parties' rights and obligations with respect to any intercarrier compensation that may be due in connection with their exchange of Internet Traffic shall be governed by the terms of the FCC Internet Order and other applicable FCC orders and FCC Regulations; and, (b) a Party shall not be obligated to pay any intercarrier compensation for Internet Traffic that is in excess of the intercarrier compensation for Internet Traffic that such Party is required to pay under the FCC Internet Order and other applicable FCC orders and FCC Regulations.

6.2 Subject to Section 6.1 of this Attachment, IntraLATA Toll Traffic exchanged under this Attachment shall be governed by the applicable provisions of this Agreement and applicable Tariffs.

6.3 For any traffic originating with a third party carrier and delivered by Telestride to Frontier, Telestride shall pay Frontier the same amount that such third party carrier would have been obligated to pay Frontier for termination of that traffic at the location the traffic is delivered to Frontier by Telestride.

6.4 Notwithstanding any provision of this Agreement or otherwise, no Interexchange Carrier (IXC) traffic may be exchanged under this Attachment.

6.5 Any traffic not specifically addressed in this Attachment shall be treated as required by the applicable Tariff of the Party transporting and/or terminating the traffic.

7. Toll Free Service Access Code (e.g., 800/888/877) Traffic

The following terms shall apply when either Party delivers IntraLATA toll free service access code (e.g., 800/877/888) ("8YY") calls to the other Party under this Attachment. For the purposes of this Section 7, the terms "translated" refer to those toll free service access code calls that have been queried ("translated") to an 8YY database.

7.1 When Telestride delivers translated IntraLATA 8YY calls to Frontier for completion:

7.1.1 by Frontier:

7.1.1.1 Telestride will provide an appropriate EMI record to Frontier; and

7.1.1.2 Telestride will bill Frontier the Telestride's Switched Exchange Access Tariff charges and the Telestride's applicable Tariff query charge.

7.1.2 by a toll free service access code service provider in that LATA:

7.1.2.1 Telestride will provide an appropriate EMI record to Frontier and the toll free service access code service provider; and

7.1.2.2 Telestride will bill the toll free service access code service provider the Telestride's applicable Switched Exchange Access Tariff charges and the Telestride's applicable Tariff query charges; and

7.1.2.3 Frontier will bill the toll free service access code service provider Frontier's applicable Switched Exchange Access Tariff charges.

7.2 When Frontier performs the query and delivers translated IntraLATA 8YY calls, originated by Frontier's or another LEC's Customer for completion:

7.2.1 by Telestride:

7.2.1.1 Frontier will provide an appropriate EMI record to Telestride; and

7.2.1.2 Frontier will bill Telestride Frontier's applicable Switched Exchange Access Tariff charges and Frontier's applicable Tariff query charges.

7.2.2 by a toll free service access code service provider in that LATA:

7.2.2.1 Frontier will provide an appropriate EMI record to Telestride and the toll free service access code service provider; and

7.2.2.2 Frontier will bill the toll free service access code service provider Frontier's applicable Switched Exchange Access Tariff charges and Frontier's applicable Tariff query charges; and

7.2.2.3 Telestride will bill the toll free service access code service provider the Telestride's applicable Switched Exchange Access Tariff charges.

7.3 Frontier will not direct untranslated toll free service access code calls to Telestride. Telestride will not direct untranslated toll free service access code calls to Frontier.

8. Number Resources, Rate Center Areas and Routing Points

8.1 Nothing in this Agreement shall be construed to limit or otherwise adversely affect in any manner either Party's right to employ or to request and be assigned any Central Office Codes ("NXX") pursuant to the Central Office Code Assignment Guidelines and any relevant FCC or Commission orders, as may be amended from time to time, or to establish, by Tariff or otherwise, Rate Center Areas and Routing Points corresponding to such NXX codes.

8.2 It shall be the responsibility of each Party to program and update its own switches and network systems pursuant to information provided in the LERG in order to recognize and route traffic to the other Party's assigned NXX codes. Except as expressly set forth in this Agreement, neither Party shall impose any fees or charges whatsoever on the other Party for such activities.

8.3 Unless otherwise required by Commission order, the Rate Center Areas will be the same for each Party. During the term of this Agreement, Telestride shall adopt the Rate Center Area and Rate Center Points that the Commission has approved for Frontier within the LATA and Tandem serving area. Telestride shall assign whole NPA-NXX codes to each Rate Center Area unless otherwise ordered by the FCC, the Commission or another governmental entity of appropriate jurisdiction, or the LEC industry adopts alternative methods of utilizing NXXs.

8.4 Telestride will also designate a Routing Point for each assigned NXX code. Telestride shall designate one location for each Rate Center Area in which the Telestride has established NXX code(s) as the Routing Point for the NPA-NXXs associated with that Rate Center Area, and such Routing Point shall be within the

same LATA as the Rate Center Area but not necessarily within the Rate Center Area itself. Unless specified otherwise, calls to subsequent NXXs of Telestride will be routed in the same manner as calls to Telestride's initial NXXs.

8.5 Notwithstanding anything to the contrary contained herein, nothing in this Agreement is intended, and nothing in this Agreement shall be construed, to in any way constrain Telestride's choices regarding the size of the local calling area(s) that Telestride may establish for its Customers, which local calling areas may be larger than, smaller than, or identical to Frontier's local calling areas.

9. Number Portability - Section 251(B)(2)

9.1 Scope.

The Parties shall provide Number Portability (NP) in accordance with rules and regulations as from time to time prescribed by the FCC.

9.2 Procedures for Providing LNP ("Local Number Portability").

The Parties will follow the LNP provisioning process recommended by the North American Numbering Council (NANC) and the Industry Numbering Council (INC), and adopted by the FCC. In addition, the Parties agree to follow the LNP ordering procedures established at the OBF. The Parties shall provide LNP on a reciprocal basis.

9.2.1 A Customer of one Party ("Party A") elects to become a Customer of the other Party ("Party B"). The Customer elects to utilize the original telephone number(s) corresponding to the Telephone Exchange Service(s) it previously received from Party A, in conjunction with the Telephone Exchange Service(s) it will now receive from Party B. After Party B has received authorization from the Customer in accordance with Applicable Law and sends an LSR to Party A, Parties A and B will work together to port the Customer's telephone number(s) from Party A's network to Party B's network.

9.2.2 When a telephone number is ported out of Party A's network, Party A will remove any non-proprietary line based calling card(s) associated with the ported number(s) from its Line Information Database (LIDB). Reactivation of the line-based calling card in another LIDB, if desired, is the responsibility of Party B or Party B's Customer.

9.2.3 When a Customer of Party A ports their telephone numbers to Party B and the Customer has previously secured a reservation of line numbers from Party A for possible activation at a future point, these reserved but inactive numbers may be ported along with the active numbers to be ported provided the numbers have been reserved for the Customer. Party B may request that Party A port all reserved numbers assigned to the Customer or that Party A port only those numbers listed by Party B. As long as Party B maintains reserved but inactive numbers ported for the Customer, Party A shall not reassign those numbers. Party B shall not reassign the reserved numbers to another Customer.

9.2.4 When a Customer of Party A ports their telephone numbers to Party B, in the process of porting the Customer's telephone numbers, Party A shall implement the ten-digit trigger feature where it is available. When Party A receives the porting request, the unconditional trigger shall be

applied to the Customer's line before the due date of the porting activity. When the ten-digit unconditional trigger is not available, Party A and Party B must coordinate the disconnect activity.

9.2.5 The Parties shall furnish each other with the Jurisdiction Information Parameter (JIP) in the Initial Address Message (IAM).

9.2.6 Where LNP is commercially available, the NXXs in the office shall be defined as portable, except as noted in Section 9.2.7, and translations will be changed in the Parties' switches to open those NXXs for database queries in all applicable LNP capable offices within the LATA of the given switch(es). On a prospective basis, all newly deployed switches will be equipped with LNP capability and so noted in the LERG.

9.2.7 All NXXs assigned to LNP capable switches are to be designated as portable unless a NXX(s) has otherwise been designated as non-portable. Non-portable NXXs include NXX codes assigned to paging services; NXX codes assigned for internal testing and official use and any other NXX codes required to be designated as non-portable by the rules and regulations of the FCC. NXX codes assigned to mass calling on a choked network may not be ported using LNP technology but are portable using methods established by the NANC and adopted by the FCC. On a prospective basis, newly assigned codes in switches capable of porting shall become commercially available for porting with the effective date in the network.

9.2.8 Both Parties' use of LNP shall meet the performance criteria specified by the FCC. Both Parties will act as the default carrier for the other Party in the event that either Party is unable to perform the routing necessary for LNP.

9.3 Procedures for Providing NP Through Full NXX Code Migration.

Where a Party has activated an entire NXX for a single Customer, or activated at least eighty percent (80%) of an NXX for a single Customer, with the remaining numbers in that NXX either reserved for future use by that Customer or otherwise unused, if such Customer chooses to receive Telephone Exchange Service from the other 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 be accomplished with appropriate coordination between the Parties and subject to appropriate industry lead times for movements of NXXs from one switch to another. Neither Party shall charge the other in connection with this coordinated transfer.

9.4 Procedures for LNP Request.

The Parties shall provide for the requesting of End Office LNP capability on a reciprocal basis through a written request. The Parties acknowledge that Frontier has deployed LNP throughout its network in compliance with FCC 96-286 and other applicable FCC Regulations.

9.4.1 If Party B desires to have LNP capability deployed in an End Office of Party A, which is not currently capable, Party B shall issue a LNP request to Party A. Party A will respond to the Party B, within ten (10) days of receipt of the request, with a date for which LNP will be

available in the requested End Office. Party A shall proceed to provide for LNP in compliance with the procedures and timelines set forth in FCC 96-286, Paragraph 80, and FCC 97-74, Paragraphs 65 through 67.

9.4.2 The Parties acknowledge that each can determine the LNP-capable End Offices of the other through the Local Exchange Routing Guide (LERG). In addition, the Parties shall make information available upon request showing their respective LNP-capable End Offices, as set forth in this Section 9.4.

9.5 Telestride shall submit orders to port numbers electronically using an LSR via the Frontier web Graphical User Interface ("GUI") or Electronic Data Interface ("EDI") pursuant to the instructions, business rules and guidelines set forth on the Frontier website (formerly referred to as the Frontier wholesale website).

10. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

RESALE ATTACHMENT

1. General

Frontier shall provide to Telestride, in accordance with this Agreement (including, but not limited to, Frontier's applicable Tariffs) and the requirements of Applicable Law, Frontier's Telecommunications Services for resale by Telestride; provided, that notwithstanding any other provision of this Agreement, Frontier shall be obligated to provide Telecommunications Services to Telestride only to the extent required by Applicable Law and may decline to provide a Telecommunications Service to Telestride to the extent that provision of such Telecommunications Service is not required by Applicable Law.

2. Use of Frontier Telecommunications Services

2.1 Frontier Telecommunications Services may be purchased by Telestride under this Resale Attachment only for the purpose of resale by Telestride as a Telecommunications Carrier. Frontier Telecommunications Services to be purchased by Telestride for other purposes (including, but not limited to, Telestride's own use) must be purchased by Telestride pursuant to other applicable Attachments to this Agreement (if any), or separate written agreements, including, but not limited to, applicable Frontier Tariffs.

2.2 Telestride shall not resell:

2.2.1 Residential service to persons not eligible to subscribe to such service from Frontier (including, but not limited to, business or other nonresidential Customers);

2.2.2 Lifeline, Link Up America, or other means-tested service offerings, to persons not eligible to subscribe to such service offerings from Frontier;

2.2.3 Grandfathered or discontinued service offerings to persons not eligible to subscribe to such service offerings from Frontier; or

2.2.4 Any other Frontier service in violation of a restriction stated in this Agreement (including, but not limited to, a Frontier Tariff) that is not prohibited by Applicable Law.

2.2.5 In addition to any other actions taken by Telestride to comply with this Section 2.2, Telestride shall take those actions required by Applicable Law to determine the eligibility of Telestride Customers to purchase a service, including, but not limited to, obtaining any proof or certification of eligibility to purchase Lifeline, Link Up America, or other means-tested services, required by Applicable Law. Telestride shall indemnify Frontier from any Claims resulting from Telestride's failure to take such actions required by Applicable Law.

2.2.6 Frontier may perform audits to confirm Telestride's conformity to the provisions of this Section 2.2. Such audits may be performed twice per calendar year and shall be performed in accordance with Section 7 of the General Terms and Conditions.

2.3 Telestride shall be subject to the same limitations that Frontier's Customers are subject to with respect to any Telecommunications Service that Frontier grandfathers or discontinues offering. Without limiting the foregoing, except to the extent that Frontier follows a different practice for Frontier Customers in regard to a grandfathered Telecommunications Service, such grandfathered Telecommunications Service: (a) shall be available only to a Customer that already has such Telecommunications Service; (b) may not be moved to a new service location; and (c) will be furnished only to the extent that facilities continue to be available to provide such Telecommunications Service.

2.4 Telestride shall not be eligible to participate in any Frontier plan or program under which Frontier Customers may obtain products or services, which are not Frontier Telecommunications Services, in return for trying, agreeing to purchase, purchasing, or using Frontier Telecommunications Services.

2.5 In accordance with 47 CFR § 51.617(b), Frontier shall be entitled to all charges for Frontier Exchange Access services used by interexchange carriers to provide service to Telestride Customers.

3. Availability of Frontier Telecommunications Services

3.1 Frontier will provide a Frontier Telecommunications Service to Telestride for resale pursuant to this Attachment where and to the same extent, but only where and to the same extent that such Frontier Telecommunications Service is provided to Frontier's Customers.

3.2 Except as otherwise required by Applicable Law, subject to Section 3.1 of this Attachment, Frontier shall have the right to add, modify, grandfather, discontinue or withdraw Frontier Telecommunications Services at any time, without the consent of Telestride.

3.3 To the extent required by Applicable Law, the Frontier Telecommunications Services to be provided to Telestride for resale pursuant to this Attachment will include a Frontier Telecommunications Service customer-specific contract service arrangement ("CSA") (such as a customer specific pricing arrangement or individual case based pricing arrangement) that Frontier is providing to a Frontier Customer at the time the CSA is requested by Telestride.

4. Responsibility for Charges

4.1 Telestride shall be responsible for and pay to Frontier all charges for any Telecommunications Services provided by Frontier or provided by persons other than Frontier and billed for by Frontier, that are ordered, activated or used by Telestride, Telestride Customers or any other persons, through, by means of, or in association with, Telecommunications Services provided by Frontier to Telestride pursuant to this Resale Attachment.

4.2 Upon request by Telestride, Frontier will provide for use on resold Frontier retail Telecommunications Service dial tone lines purchased by Telestride such Frontier retail Telecommunications Service call blocking and call screening services as Frontier provides to its own end user retail Customers, where and to the extent Frontier provides such Frontier retail Telecommunications Service call blocking services to Frontier's own end user retail Customers. Telestride understands and agrees that certain of Frontier's call blocking and call screening services are not guaranteed to block or screen all calls and that notwithstanding Telestride's purchase of such blocking or screening services, Telestride's end user Customers or other persons ordering, activating or using

Telecommunications Services on the resold dial tone lines may complete or accept calls which Telestride intended to block. Notwithstanding the foregoing, Telestride shall be responsible for and shall pay Frontier all charges for Telecommunications Services provided by Frontier or provided by persons other than Frontier and billed for by Frontier in accordance with the terms of Section 4.1 above.

5. Operations Matters

5.1 Facilities.

5.1.1 Frontier and its suppliers shall retain all of their right, title and interest in all facilities, equipment, software, information, and wiring used to provide Frontier Telecommunications Services.

5.1.2 Frontier shall have access at all reasonable times to Telestride Customer locations for the purpose of installing, inspecting, maintaining, repairing, and removing, facilities, equipment, software, and wiring used to provide the Frontier Telecommunications Services. Telestride shall, at Telestride's expense, obtain any rights and authorizations necessary for such access.

5.1.3 Except as otherwise agreed to in writing by Frontier, Frontier shall not be responsible for the installation, inspection, repair, maintenance, or removal of facilities, equipment, software, or wiring provided by Telestride or Telestride Customers for use with Frontier Telecommunications Services.

5.2 Branding.

5.2.1 Except as stated in Section 5.2.2 of this Attachment, in providing Frontier Telecommunications Services to Telestride, Frontier shall have the right (but not the obligation) to identify the Frontier Telecommunications Services with Frontier's trade names, trademarks and service marks ("Frontier Marks"), to the same extent that these Services are identified with Frontier's Marks when they are provided to Frontier's Customers. Any such identification of Frontier's Telecommunications Services shall not constitute the grant of a license or other right to Telestride to use Frontier's Marks.

5.2.2 To the extent required by Applicable Law, upon request by Telestride and at prices, terms and conditions to be negotiated by Telestride and Frontier, Frontier shall provide Frontier Telecommunications Services for resale that are identified by Telestride's trade name, or that are not identified by trade name, trademark or service mark.

5.2.3 If Frontier uses a third-party contractor to provide Frontier operator services or Frontier directory assistance, Telestride will be responsible for entering into a direct contractual arrangement with the third-party contractor at Telestride's expense (a) to obtain identification of Frontier operator services or Frontier directory assistance purchased by Telestride for resale with Telestride's trade name, or (b) to obtain removal of Frontier Marks from Frontier operator services or Frontier directory assistance purchased by Telestride for resale.

6. Rates and Charges

The rates and charges for Frontier Telecommunication Services purchased by Telestride for resale pursuant to this Attachment shall be as provided in this Attachment and the Pricing Attachment.

7. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

NETWORK ELEMENTS ATTACHMENT

1. General

1.1 Frontier shall provide to Telestride, in accordance with this Agreement (including, but not limited to, Frontier's applicable Tariffs) and the requirements of the Federal Unbundling Rules, access to Frontier's Network Elements on an unbundled basis and in combinations (Combinations), and UNEs commingled with wholesale services ("Commingling"); provided, however, that notwithstanding any other provision of this Agreement, Frontier shall be obligated to provide access to unbundled Network Elements (UNEs), Combinations, and Commingling to Telestride under the terms of this Agreement only to the extent required by the Federal Unbundling Rules and may decline to provide access to UNEs, Combinations, or Commingling to Telestride to the extent that provision of such UNEs, Combinations, or Commingling is not required by the Federal Unbundling Rules.

1.2 Frontier shall be obligated to combine UNEs that are not already combined in Frontier's network only to the extent required by the Federal Unbundling Rules. Except as otherwise required by this Agreement and the Federal Unbundling Rules: (a) Frontier shall be obligated to provide a UNE or Combination pursuant to this Agreement only to the extent such UNE or Combination, and the equipment and facilities necessary to provide such UNE or Combination, are already available in Frontier's network; and (b) Frontier shall have no obligation to construct, modify, or deploy facilities or equipment to offer any UNE or Combination.

1.3 Telestride may use a UNE or Combination only for those purposes for which Frontier is required by the Federal Unbundling Rules to provide such UNE or Combination to Telestride. Without limiting the foregoing, Telestride may not access a UNE or Combination for the exclusive provision of Mobile Wireless Services or Interexchange Services. For purposes of this section, "Interexchange Services" shall have the meaning set forth in the Triennial Review Remand Order and subsequent applicable FCC orders.

1.3.1 Frontier shall not be obligated to provide to Telestride, and Telestride shall not request from Frontier, access to a proprietary advanced intelligent network service.

1.4 Nothing contained in this Agreement shall be deemed to constitute an agreement by Frontier that any item identified in this Agreement as a Network Element is (i) a Network Element under the Federal Unbundling Rules, or (ii) a Network Element Frontier is required by the Federal Unbundling Rules to provide to Telestride on an unbundled basis or in combination with other Network Elements.

1.5 If as the result of Telestride Customer actions (e.g., Customer Not Ready ("CNR")), Frontier cannot complete requested work activity when a technician has been dispatched to the Telestride Customer premises, Telestride will be assessed a non-recurring charge associated with this visit. This charge will be the sum of the applicable Service Order charge as provided in the Pricing Attachment and the Customer Not Ready Charge provided for in the Pricing Attachment (or, in the absence of a Customer Not Ready Charge, the Premises

Visit Charge as provided in Frontier's applicable retail or wholesale Tariff or in the Pricing Attachment).

1.6 Absence or Cessation of Unbundling Obligation and Related Provisions. The following provisions shall apply notwithstanding any other provision of this Agreement or any Frontier Tariff or SGAT:

1.6.1 Discontinued Facilities.

1.6.1.1 Frontier may cease offering or providing Telestride with access on an unbundled basis at rates prescribed under Section 251 of the Act to any facility that is or becomes a Discontinued Facility, whether as a stand-alone UNE, as part of a Combination, or otherwise. To the extent Frontier has not already ceased offering or providing unbundled access to a particular Discontinued Facility that is a Discontinued Facility as of the Effective Date, Frontier may cease offering or providing unbundled access to such Discontinued Facility immediately upon the Effective Date without further notice to Telestride. Subject to Section 1.7 below, if a facility on or at any time after the Effective Date is or becomes a Discontinued Facility, Frontier, to the extent it has not already ceased providing unbundled access to such Discontinued Facility, and provided it has given at least ninety (90) days written notice of discontinuance in cases where it has not already ceased providing such access, will continue to provide unbundled access to such Discontinued Facility under the Agreement only through the effective date of the notice of discontinuance, and not beyond that date.

1.6.1.2 Where Frontier is permitted to cease providing a Discontinued Facility pursuant to Section 1.6.1 above and Telestride has not submitted an LSR or ASR, as appropriate, to Frontier requesting disconnection of the Discontinued Facility and has not separately secured from Frontier an alternative arrangement to replace the Discontinued Facility, then Frontier, to the extent it has not already done so, may disconnect the subject Discontinued Facility without further notice to Telestride. In lieu of disconnecting the subject Discontinued Facility in the foregoing circumstances, Frontier, in its sole discretion, may elect to: (a) convert the subject Discontinued Facility to an arrangement available under a Frontier access tariff (in which case month-to-month rates shall apply unless a different rate applies under an applicable special access term/volume plan or other special access tariff arrangement in which Telestride is then enrolled), a resale arrangement, or other analogous arrangement that Frontier shall identify or has identified in writing to Telestride, or (b) in lieu of such a conversion, reprice the subject Discontinued Facility by application of a new rate (or, in Frontier's sole discretion, by application of a surcharge to an existing rate) to be equivalent to an arrangement available under a Frontier access tariff (at month-to-month rates unless a different rate applies under an applicable special access term/volume

plan or other special access tariff arrangement in which Telestride is then enrolled), a resale arrangement, or other analogous arrangement that Frontier shall identify or has identified in writing to Telestride; provided, however, that Frontier may disconnect the subject Discontinued Facility (or the replacement service to which the Discontinued Facility has been converted) if Telestride fails to pay when due any applicable new rate or surcharge billed by Frontier.

1.7 TRRO Certification and Related Provisions.

1.7.1 TRRO Certification. Before requesting unbundled access to a DS1 Loop, a DS3 Loop, DS1 Dedicated Transport, DS3 Dedicated Transport, including, but not limited to, any of the foregoing elements that constitute part of a Combination or that Telestride seeks to convert from another wholesale service to an unbundled network element (collectively, "TRRO Certification Elements"), Telestride must undertake a reasonably diligent inquiry and, based on that inquiry, certify that, to the best of its knowledge, Telestride's request is consistent with the requirements of the TRRO and that Telestride is entitled to unbundled access to the subject element pursuant to section 251(c)(3) of the Act. Telestride shall provide such certification using the automated method that Frontier makes available for that purpose. Telestride's reasonably diligent inquiry must include, at a minimum, consideration of any list of non-impaired UNE Wire Centers that Frontier makes or has made available to Telestride by notice and/or by publication on Frontier's wholesale website (the "Wire Center List") and any back-up data that Frontier provides or has provided to Telestride under a non-disclosure agreement or that is otherwise available to Telestride.

1.7.2 Provision-then-Dispute Requirements.

1.7.2.1 Upon receiving a request from Telestride for unbundled access to a TRRO Certification Element and the certification required by Section 1.7.1 above, and except as provided in Section 1.7.2.3 below, Frontier shall process the request in accordance with any applicable standard intervals. If Frontier wishes to challenge Telestride's right to obtain unbundled access to the subject element pursuant to 47 U.S.C. § 251(c)(3), then (except as provided in Section 1.7.2.3 below) Frontier must provision the subject element as a UNE and then seek resolution of the dispute by the Commission or the FCC, or through such other dispute resolution process that Frontier elects to invoke under the dispute resolution provisions of this Agreement.

1.7.2.2 If a dispute pursuant to section 1.7.2.1 above is resolved in Frontier’s favor, then Telestride shall compensate Frontier for the additional charges that would apply if Telestride had ordered the subject facility or service on a month-to-month term under Frontier's interstate special access tariff and any other applicable charges, applicable back to the date of provisioning (including, but not limited to, late payment charges for the unpaid difference between UNE and access tariff rates). The month-to-month rates shall apply until such time as Telestride requests disconnection of the

subject facility or an alternative term that Frontier offers under its interstate special access tariff for the subject facility or service.

1.7.2.2.1 Intentionally Left

1.7.2.3 Notwithstanding any other provision of the Agreement, Frontier may reject a Telestride order for a TRRO Certification Element without first seeking dispute resolution: (a) in any case where Telestride's order conflicts with a provision of a Frontier Tariff, (b) in any case where Telestride's order conflicts with a non-impaired UNE Wire Center designation set forth in a Wire Center List that Frontier has made available to Telestride by notice and/or by publication on Frontier's wholesale website, (c) in any case where Telestride's order conflicts with a non-impaired UNE Wire Center designation that the Commission or the FCC has ordered or approved or that has otherwise been confirmed through previous dispute resolution (regardless of whether Telestride was a party to such dispute resolution), or (d) as otherwise permitted under the Federal Unbundling Rules (including, but not limited to, upon a determination by the Commission, the FCC, or a court of competent jurisdiction that Frontier may reject orders for TRRO Certification Elements without first seeking dispute resolution).

1.8 Limitation With Respect to Replacement Arrangements. Notwithstanding any other provision of this Agreement, any negotiations regarding any UNE-replacement arrangement, facility, service or the like that Frontier is not required to provide under the Federal Unbundling Rules (including without limitation any arrangement, facility, service or the like that Frontier offers under an access tariff) shall be deemed not to have been conducted pursuant to the Agreement, 47 U.S.C. § 252(a)(1), or 47 C.F.R. Part 51, and shall not be subject to arbitration or other requirements under to 47 U.S.C. § 252(b). Any reference in this Attachment to Frontier's provision of a arrangement, facility, service or the like that Frontier is not required to provide under the Federal Unbundling Rules is solely for the convenience of the Parties and shall not be construed to require or permit: (a) arbitration pursuant to 47 U.S.C. § 252(b) of the rates, terms, or conditions upon which Frontier may provide such arrangement, facility, service or the like, or (b) application of 47 U.S.C. § 252 in any other respect.

2. Frontier's Provision of Network Elements

Subject to the conditions set forth in Section 1 of this Attachment, in accordance with, but only to the extent required by, the Federal Unbundling Rules, Frontier shall provide Telestride access to the following:

2.1 Loops, as set forth in Section 3 of this Attachment;

2.2 Line Splitting (also referred to as "Loop Sharing"), as set forth in Section 4 of this Attachment;

2.3 [Intentionally Left Blank];

2.4 Sub-Loops, as set forth in Section 6 of this Attachment;

2.5 Sub-Loop for Multiunit Tenant Premises Access, as set forth in Section 7 of this Attachment;

2.6 Intentionally Left Blank;

2.7 Network Interface Device, as set forth in Section 9 of this Attachment;

2.8 [Intentionally Left Blank];

2.9 Dedicated Transport (may also be referred to as "Interoffice Transmission Facilities") (or "IOF"), as set forth in Section 11 of this Attachment;

2.10 [Intentionally Left Blank];

2.11 Operations Support Systems, as set forth in Section 13 of this Attachment; and

2.12 Other UNEs in accordance with Section 14 of this Attachment.

3. Loop Transmission Types

3.1 Subject to the conditions set forth in Section 1 of this Attachment, Frontier shall allow Telestride to access Loops unbundled from local switching and local transport, in accordance with this Section 3 and the rates and charges provided in the Pricing Attachment. Frontier shall allow Telestride access to Loops in accordance with, but only to extent required by, the Federal Unbundling Rules. Subject to the foregoing and the provisions regarding FTTP Loops, in Section 3.5 below, and Hybrid Loops, in Section 3.6 below, the available Loop types are as set forth below:

3.1.1 "2 Wire Analog Voice Grade Loop" or "Analog 2W" provides an effective 2-wire channel with 2-wire interfaces at each end that is suitable for the transport of analog Voice Grade (nominal 300 to 3000 Hz) signals and loop-start signaling. This Loop type is more fully described in Frontier Technical Reference (TR)-72565, as revised from time-to-time. If "Customer-Specified Signaling" is requested, the Loop will operate with one of the following signaling types that may be specified when the Loop is ordered: loop-start, ground-start, loop-reverse-battery, and no signaling. Customer specified signaling is more fully described in Frontier TR-72570, as revised from time-to-time. Frontier will not build new facilities or modify existing facilities except to the extent required in Section 17 of this Attachment.

3.1.2 "4-Wire Analog Voice Grade Loop" or "Analog 4W" provides an effective 4-wire channel with 4-wire interfaces at each end that is suitable for the transport of analog Voice Grade (nominal 300 to 3000 Hz) signals. This Loop type will operate with one of the following signaling types that may be specified when the Loop is ordered: loop-start, ground-start, loop-reverse-battery, duplex, and no signaling. This Loop type is more fully described in Frontier TR-72570, as revised from time-to-time. Frontier will not build new facilities or modify existing facilities except to the extent required in Section 17 of this Attachment.

3.1.3 "2-Wire ISDN Digital Grade Loop" or "BRI ISDN" provides a channel with 2-wire interfaces at each end that is suitable for the transport of 160 kbps digital services using the ISDN 2B1Q line code. This Loop type is more fully described in American National Standards Institute

(ANSI) T1.601-1998 and Frontier TR 72575, as revised from time-to-time. In some cases loop extension equipment may be necessary to bring the line loss within acceptable levels. Frontier will provide loop extension equipment only upon request. A separate charge will apply for loop extension equipment. The 2-Wire ISDN Digital Grade Loop is available only in the former Bell Atlantic Service Areas. In the former GTE Service Areas only, Telestride may order a 2-Wire Digital Compatible Loop using 2-wire ISDN ordering codes to provide similar capability. Frontier will not build new facilities or modify existing facilities except to the extent required in Section 17 of this Attachment.

3.1.4 "2-Wire ADSL-Compatible Loop" or "ADSL 2W" provides a channel with 2-wire interfaces at each end that is suitable for the transport of digital signals up to 8 Mbps toward the Customer and up to 1 Mbps from the Customer. This Loop type is more fully described in Frontier TR-72575, as revised from time-to-time. ADSL-Compatible Loops will be available only where existing copper facilities are available and meet applicable specifications. Frontier will not build new facilities or modify existing facilities except to the extent required in Sections 3.2 or 17 of this Attachment. The upstream and downstream ADSL power spectral density masks and dc line power limits in Frontier TR 72575, as revised from time-to-time, must be met. The 2-Wire ADSL-Compatible Loop is available only in the former Bell Atlantic Service Areas. In the former GTE Service Areas only, Telestride may order a 2-Wire Digital Compatible Loop using 2-wire ADSL ordering codes to provide similar capability.

3.1.5 "2-Wire HDSL-Compatible Loop" or "HDSL 2W" consists of a single 2-wire non-loaded, twisted copper pair that meets the carrier serving area design criteria. This Loop type is more fully described in Frontier TR-72575, as revised from time-to-time. The HDSL power spectral density mask and dc line power limits referenced in Frontier TR 72575, as revised from time-to-time, must be met. 2-Wire HDSL-Compatible Loops will be provided only where existing facilities are available and can meet applicable specifications. The 2-Wire HDSL-Compatible Loop is available only in the former Bell Atlantic Service areas. In the former GTE Service Areas only, Telestride may order a 2-Wire Digital Compatible Loop using 2-Wire HDSL ordering codes to provide similar capability. Frontier will not build new facilities or modify existing facilities except to the extent required in Sections 3.2 or 17 of this Attachment.

3.1.6 "4-Wire HDSL-Compatible Loop" or "HDSL 4W" consists of two 2-wire non-loaded, twisted copper pairs that meet the carrier serving area design criteria. This Loop type is more fully described in Frontier TR-72575, as revised from time-to-time. The HDSL power spectral density mask and dc line power limits referenced in Frontier TR 72575, as revised from time-to-time, must be met. 4-Wire HDSL-Compatible Loops will be provided only where existing facilities are available and can meet applicable specifications. Frontier will not build new facilities or modify existing facilities except to the extent required in Sections 3.2 or 17 of this Attachment.

3.1.7 "2-Wire IDSL-Compatible Metallic Loop" consists of a single 2-wire non-loaded, twisted copper pair that meets revised resistance design criteria. This Loop is intended to be used with very-low band

symmetric DSL systems that meet the Class 1 signal power limits and other criteria in the T1E1.4 loop spectrum management standard (T1E1.4/2000-002R3) and are not compatible with 2B1Q 160 kbps ISDN transport systems. The actual data rate achieved depends upon the performance of CLEC-provided modems with the electrical characteristics associated with the loop. This Loop type is more fully described in T1E1.4/2000-002R3, as revised from time-to-time. This loop cannot be provided via UDLC. The 2-Wire IDSL-Compatible Metallic Loop is available only in the former Bell Atlantic Service Areas. In the former GTE Service Areas only, Telestride may order a 2-Wire Digital Compatible Loop using ISDN ordering codes to provide similar capability. Frontier will not build new facilities or modify existing facilities except to the extent required in Sections 3.2 or 17 of this Attachment.

3.1.8 "2-Wire SDSL-Compatible Loop", is intended to be used with low band symmetric DSL systems that meet the Class 2 signal power limits and other criteria in the T1E1.4 loop spectrum management standard (T1E1.4/2000-002R3). This Loop consists of a single 2-wire non-loaded, twisted copper pair that meets Class 2 length limit in T1E1.4/2000-002R3. The data rate achieved depends on the performance of the CLEC-provided modems with the electrical characteristics associated with the loop. This Loop type is more fully described in T1E1.4/2000-002R3, as revised from time-to-time. The 2-Wire SDSL-Compatible Loop is available only in the former Bell Atlantic Service Areas. In the former GTE Service Areas only, Telestride may order a 2-Wire Digital Compatible Loop to provide similar capability. SDSL-compatible local loops will be provided only where facilities are available and can meet applicable specifications. Frontier will not build new facilities or modify existing facilities except to the extent required in Sections 3.2 or 17 of this Attachment.

3.1.9 "4-Wire 56 kbps Loop" is a 4-wire Loop that provides a transmission path that is suitable for the transport of digital data at a synchronous rate of 56 kbps in opposite directions on such Loop simultaneously. A 4-Wire 56 kbps Loop consists of two pairs of non-loaded copper wires with no intermediate electronics or it consists of universal digital loop carrier with 56 kbps DDS dataport transport capability. Frontier shall provide 4-Wire 56 kbps Loops to Telestride in accordance with, and subject to, the technical specifications set forth in Frontier TR-72575, as revised from time-to-time. Frontier will not build new facilities or modify existing facilities except to the extent required in Section 17 of this Attachment.

3.1.10 "DS1 Loops" provide a digital transmission channel suitable for the transport of 1.544 Mbps digital signals. This Loop type is more fully described in Frontier TR 72575, as revised from time to time. The DS1 Loop includes the electronics necessary to provide the DS1 transmission rate. If, at the requested installation date, the electronics necessary to provide the DS1 transmission rate are not available for the requested DS1 Loop, then Frontier will not install new electronics except to the extent required in Section 17 of this Attachment. Frontier will not build new facilities and will not modify existing facilities except to the extent required in Section 17 of this Attachment. If the electronics necessary to provide Clear Channel (B8ZS) signaling are at the requested installation date available for a requested DS1 Loop,

upon request by Telestride, the DS1 Loop will be furnished with Clear Channel (B8ZS) signaling. Frontier will not install new electronics to furnish Clear Channel (B8ZS) signaling. For purposes of provisions implementing any right Frontier may have to cease providing unbundled access to DS1-capacity Loops under the TRRO pursuant to Section 1 of this Attachment, the term "DS1 Loop" further includes any type of Loop described in Section 3.1 of the Network Elements Attachment that provides a digital transmission channel suitable for the transport of 1.544 Mbps digital signals, regardless of whether the subject Loop meets the specific definition of a DS1 Loop set forth in this section.

3.1.11 “DS3 Loops” will support the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps (the equivalent of 28 DS1 channels). This Loop type is more fully described in Frontier TR 72575, as revised from time to time. The DS3 Loop includes the electronics necessary to provide the DS3 transmission rate. If, at the requested installation date, the electronics necessary to provide the DS3 transmission rate are not available for the requested DS3 Loop, then Frontier will not install new electronics except to the extent required in Section 17 of this Attachment. Frontier will not build new facilities and will not modify existing facilities except to the extent required in Section 17 of this Attachment. For purposes of provisions implementing any right Frontier may have to cease providing unbundled access to DS3-capacity loops under the TRRO pursuant to Section 1 of this Attachment, the term "DS3 Loop" further includes any type of Loop described in Section 3.1 of the Network Elements Attachment that provides a digital transmission channel suitable for the transport of 44.736 Mbps digital signals, regardless of whether the subject Loop meets the specific definition of a DS3 Loop set forth in this section.

3.1.12 In the former Bell Atlantic Service Areas only, “Digital Designed Loops” are comprised of designed loops that meet specific Telestride requirements for metallic loops over 18k ft. or for conditioning of ADSL, HDSL, SDSL, IDSL, or BRI ISDN Loops. “Digital Designed Loops” may include requests for:

3.1.12.1 a 2W Digital Designed Metallic Loop with a total loop length of 18k to 30k ft., unloaded, with the option to remove bridged tap;

3.1.12.2 a 2W ADSL Loop of 12k to 18k ft. with an option to remove bridged tap (such a Loop with the bridged tap so removed shall be deemed to be a "2W ADSL Compatible Loop");

3.1.12.3 a 2W ADSL Loop of less than 12k ft. with an option to remove bridged tap (such a Loop with the bridged tap so removed shall be deemed to be a "2W ADSL Compatible Loop");

3.1.12.4 a 2W HDSL Loop of less than 12k ft. with an option to remove bridged tap:

3.1.12.5 a 4W HDSL Loop of less than 12k ft with an option to remove bridged tap;

3.1.12.6 a 2 W Digital Designed Metallic Loop with Frontier-placed ISDN loop extension electronics;

3.1.12.7 a 2W SDSL Loop with an option to remove bridged tap; and

3.1.12.8 a 2W IDSL Loop of less than 18k ft. with an option to remove bridged tap;

3.1.13 Frontier shall make Digital Designed Loops available Telestride at the rates as set forth in the Pricing Attachment.

3.1.14 In the former GTE Service Areas only, "Conditioned Loops" are comprised of designed loops that meet specific Telestride requirements for metallic loops over 12k ft. or for conditioning of 2-wire or 4-wire digital or BRI ISDN Loops. "Conditioned Loops" may include requests for:

3.1.14.1 a 2W Digital Loop with a total loop length of 12k to 30k ft., unloaded, with the option to remove bridged tap (such a Loop, unloaded, with bridged tap so removed shall be deemed to be a "2W Digital Compatible Loop");

3.1.14.2 a 2W Digital Loop of 12k to 18k ft. with an option to remove load coils and/or bridged tap (such a Loop with load coils and/or bridged tap so removed shall be deemed to be a "2W Digital Compatible Loop");

3.1.14.3 a 2W Digital or 4W Digital Loop of less than 12k ft. with an option to remove bridged tap (such a 2W Loop with bridged tap so removed shall be deemed to be a "2W Digital Compatible Loop");

3.1.14.4 a 2W Digital Loop with Frontier-placed ISDN loop extension electronics (such a Loop with ISDN loop extension electronics so placed shall be deemed to be a "2W Digital Compatible Loop").

3.1.15 Frontier shall make Conditioned Loops available to Telestride at the rates as set forth in the Pricing Attachment.

3.2 The following ordering procedures shall apply to xDSL Compatible Loops, Digital Designed and Conditioned Loops:

3.2.1 Telestride shall place orders for xDSL Compatible Loops, Digital Designed and Conditioned Loops by delivering to Frontier a valid electronic transmittal Service Order or other mutually agreed upon type of Service Order. Such Service Order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties.

3.2.2 In former Bell Atlantic Service Areas, Frontier is conducting a mechanized survey of existing Loop facilities, on a Central Office by Central Office basis, to identify those Loops that meet the applicable technical characteristics established by Frontier for compatibility with xDSL Compatible or BRI ISDN signals. The results of this survey will be stored in a mechanized database and made available to Telestride as the process is completed in each Central Office. Telestride must

utilize this mechanized loop qualification database, where available, in advance of submitting a valid electronic transmittal Service Order for an xDSL Compatible or BRI ISDN Loop. Charges for mechanized loop qualification information are set forth in the Pricing Attachment. In former GTE Service Areas, Frontier provides access to mechanized xDSL loop qualification information to help identify those loops that meet applicable technical characteristics for compatibility with xDSL Services that the CLEC may wish to offer to its end user Customers. Telestride must access Frontier's mechanized loop qualification system through the use of the on-line computer interface at www.frontier.com in advance of submitting a valid electronic transmittal Service Order for xDSL service arrangements. The loop qualification information provided by Frontier gives Telestride the ability to determine loop composition and loop length, and may provide other loop characteristics, when present, that may indicate incompatibility with xDSL Services such as load coils or Digital Loop Carrier. Information provided by the mechanized loop qualification system also indicates whether loop conditioning may be necessary. It is the responsibility of Telestride to evaluate the loop qualification information provided by Frontier and determine whether a loop meets Telestride requirements for xDSL Service, including determining whether conditioning should be ordered, prior to submitting an Order.

3.2.3 If the Loop is not listed in the mechanized database described in Section 3.2.2 of this Attachment, Telestride must request a manual loop qualification, where such qualification is available, prior to submitting a valid electronic Service Order for an xDSL Compatible or BRI ISDN Loop. In general, Frontier will complete a manual loop qualification request within three (3) Business Days, although Frontier may require additional time due to poor record conditions, spikes in demand, or other unforeseen events. The manual loop qualification process is currently available in the former Bell Atlantic Service Areas only.

3.2.4 If a query to the mechanized loop qualification database or manual loop qualification indicates that a Loop does not qualify (e.g., because it does not meet the applicable technical parameters set forth in the Loop descriptions above), Telestride may request an Engineering Query, where available, as described in Section 3.2.7 of this Attachment, to determine whether the result is due to characteristics of the loop itself (e.g., specific number and location of bridged taps, the specific number of load coils, or the gauge of the cable).

3.2.5 Once a Loop has been pre-qualified, Telestride will submit a Service Order pursuant to Section 3.2.1 of this Attachment if it wishes to obtain the Loop.

3.2.5.1 If the Loop is determined to be xDSL Compatible and if the Loop serving the serving address is usable and available to be assigned as a xDSL Compatible Loop, Frontier will initiate standard Loop provisioning and installation processes, and standard Loop provisioning intervals will apply.

3.2.5.2 If the Loop is determined to be xDSL Compatible, but the Loop serving the service address is unusable or unavailable to be assigned as an xDSL Compatible Loop, Frontier will

search the Customer's serving terminal for a suitable spare facility. If an xDSL Compatible Loop is found within the serving terminal, Frontier will perform a Line and Station Transfer (or "pair swap") whereby the Frontier technician will transfer the Customer's existing service from one existing Loop facility onto an alternate existing xDSL Compatible Loop facility serving the same location. Frontier performs Line and Station Transfers in accordance with the procedures developed in the DSL Collaborative in the State of New York, NY PSC Case 00-C-0127. Standard intervals do not apply when Frontier performs a Line and Station Transfer, and additional charges shall apply as set forth in the Pricing Attachment.

3.2.6 If Telestride submits a Service Order for an xDSL Compatible or BRI ISDN Loop that has not been prequalified, Frontier will query the Service Order back to Telestride for qualification and will not accept such Service Order until the Loop has been prequalified on a mechanized or manual basis. If Telestride submits a Service Order for an xDSL Compatible or BRI ISDN Loop that is, in fact, not compatible with the requested service (e.g. ADSL, HDSL etc.) in its existing condition, Frontier will respond back to Telestride with a "Nonqualified" indicator and with information showing whether the non-qualified result is due to the presence of load coils, presence of digital loop carrier, or loop length (including bridged tap).

3.2.7 Where Telestride has followed the prequalification procedure described above and has determined that a Loop is not compatible with xDSL technologies or BRI ISDN service in its existing condition, it may either request an Engineering Query, where available, to determine whether conditioning may make the Loop compatible with the applicable service; or if Telestride is already aware of the conditioning required (e.g., where Telestride has previously requested a qualification and has obtained loop characteristics), Telestride may submit a Service Order for a Digital Designed Loop. Frontier will undertake to condition or extend the Loop in accordance with this Section 3.2 of this Attachment upon receipt of Telestride's valid, accurate and pre-qualified Service Order for a Digital Designed Loop.

3.2.8 The Parties will make reasonable efforts to coordinate their respective roles in order to minimize provisioning problems. In general, where conditioning or loop extensions are requested by Telestride, an interval of eighteen (18) Business Days will be required by Frontier to complete the loop analysis and the necessary construction work involved in conditioning and/or extending the loop as follows:

3.2.8.1 Three (3) Business Days will be required following receipt of Telestride's valid, accurate and pre-qualified Service Order for a Digital Designed or Conditioned Loop to analyze the loop and related plant records and to create an Engineering Work Order.

3.2.8.2 Upon completion of an Engineering Work Order, Frontier will initiate the construction order to perform the changes/modifications to the Loop requested by Telestride. Conditioning activities are, in most cases, able to be

accomplished within fifteen (15) Business Days. Unforeseen conditions may add to this interval.

After the engineering and conditioning tasks have been completed, the standard Loop provisioning and installation process will be initiated, subject to Frontier's standard provisioning intervals.

3.2.9 If Telestride requires a change in scheduling, it must contact Frontier to issue a supplement to the original Service Order. If Telestride cancels the request for conditioning after a loop analysis has been completed but prior to the commencement of construction work, Telestride shall compensate Frontier for an Engineering Work Order charge as set forth in the Pricing Attachment. If Telestride cancels the request for conditioning after the loop analysis has been completed and after construction work has started or is complete, Telestride shall compensate Frontier for an Engineering Work Order charge as well as the charges associated with the conditioning tasks performed as set forth in the Pricing Attachment.

3.3 Conversion of Live Telephone Exchange Service to Analog 2W Unbundled Local Loops (Analog 2W Loops).

3.3.1 The following coordination procedures shall apply to "live" cutovers of Frontier Customers who are converting their Telephone Exchange Services to Telestride Telephone Exchange Services provisioned over Analog 2W Loops to be provided by Frontier to Telestride:

3.3.1.1 Coordinated cutover charges shall apply to conversions of live Telephone Exchange Services to Analog 2W Loops. When an outside dispatch is required to perform a conversion, additional charges may apply. If Telestride does not request a coordinated cutover, Frontier will process Telestride's order as a new installation subject to applicable standard provisioning intervals.

3.3.1.2 Telestride shall request Analog 2W Loops for coordinated cutover from Frontier by delivering to Frontier a valid electronic Local Service Request ("LSR"). Frontier agrees to accept from Telestride the date and time for the conversion designated on the LSR ("Scheduled Conversion Time"), provided that such designation is within the regularly scheduled operating hours of the Frontier Regional CLEC Control Center ("RCCC") and subject to the availability of Frontier's work force. In the event that Frontier's work force is not available, Telestride and Frontier shall mutually agree on a New Conversion Time, as defined below. Telestride shall designate the Scheduled Conversion Time subject to Frontier standard provisioning intervals as stated in the Frontier CLEC Handbook, as may be revised from time to time. Within three (3) Business Days of Frontier's receipt of such valid LSR, or as otherwise required by the Federal Unbundling Rules, Frontier shall provide Telestride the scheduled due date for conversion of the Analog 2W Loops covered by such LSR.

3.3.1.3 Telestride shall provide dial tone at the Telestride collocation site at least forty-eight (48) hours prior to the Scheduled Conversion Time.

3.3.1.4 Either Party may contact the other Party to negotiate a new Scheduled Conversion Time (the "New Conversion Time"); provided, however, that each Party shall use commercially reasonable efforts to provide four (4) business hours' advance notice to the other Party of its request for a New Conversion Time. Any Scheduled Conversion Time or New Conversion Time may not be rescheduled more than one (1) time in a Business Day, and any two New Conversion Times for a particular Analog 2W Loop shall differ by at least eight (8) hours, unless otherwise agreed to by the Parties.

3.3.1.5 If the New Conversion Time is more than one (1) business hour from the original Scheduled Conversion Time or from the previous New Conversion Time, the Party requesting such New Conversion Time shall be subject to the following:

3.3.1.5.1 If Frontier requests to reschedule outside of the one (1) hour time frame above, the Analog 2W Loops Service Order Charge for the original Scheduled Conversion Time or the previous New Conversion Time shall be credited upon request from Telestride; and

3.3.1.5.2 If Telestride requests to reschedule outside the one (1) hour time frame above, Telestride shall be charged an additional Analog 2W Loops Service Order Charge for rescheduling the conversion to the New Conversion Time.

3.3.1.6 If Telestride is not ready to accept service at the Scheduled Conversion Time or at a New Conversion Time, as applicable, an additional Service Order Charge shall apply. If Frontier is not available or ready to perform the conversion within thirty (30) minutes of the Scheduled Conversion Time or New Conversion Time, as applicable, Frontier and Telestride will reschedule and, upon request from Telestride, Frontier will credit the Analog 2W Loop Service Order Charge for the original Scheduled Conversion Time.

3.3.1.7 The standard time interval expected from disconnection of a live Telephone Exchange Service to the connection of the Analog 2W Loops to Telestride is fifteen (15) minutes per Analog 2W Loop for all orders consisting of twenty (20) Analog 2W Loops or less. Orders involving more than twenty (20) Loops will require a negotiated interval.

3.3.1.8 Conversions involving LNP will be completed according to North American Numbering Council (NANC) standards, via the regional Number Portability Administration Center (NPAC).

3.3.1.9 If Telestride requires Analog 2W Loop conversions outside of the regularly scheduled Frontier RCCC operating hours, such conversions shall be separately negotiated. Additional charges (e.g. overtime labor charges) may apply for desired dates and times outside of regularly scheduled RCCC operating hours.

3.4 [Intentionally Left Blank].

3.5 FTTP Loops.

3.5.1 New Builds. Notwithstanding any other provision of the Agreement or any Frontier Tariff, Telestride shall not be entitled to obtain access to a FTTP Loop, or any segment thereof, on an unbundled basis when Frontier deploys such a Loop to the Customer premises of an end user that has not been served by any Frontier Loop other than a FTTP Loop.

3.5.2 Overbuilds. Notwithstanding any other provision of the Agreement or any Frontier Tariff, if (a) Frontier deploys an FTTP Loop to replace a copper Loop previously used to serve a particular end user's customer premises, and (b) Frontier retires that copper Loop and there are no other available copper Loops or Hybrid Loops for Telestride's provision of a voice grade service to that end user's customer premises, then in accordance with, but only to the extent required by, the Federal Unbundling Rules, Frontier shall provide Telestride with nondiscriminatory access on an unbundled basis to a transmission path capable of providing DS0 voice grade service to that end user's customer premises.

3.6 Hybrid Loops.

3.6.1 Packet Switched Features, Functions, and Capabilities. Notwithstanding any other provision of this Agreement or any Frontier Tariff or SGAT, Telestride shall not be entitled to obtain access to the Packet Switched features, functions, or capabilities of any Hybrid Loop on an unbundled basis.

3.6.2 Broadband Services. Subject to the conditions set forth in Section 1 of this Attachment, when Telestride seeks access to a Hybrid Loop for the provision of "broadband services", as such term is defined by the FCC, then in accordance with, but only to the extent required by, the Federal Unbundling Rules, Frontier shall provide Telestride with unbundled access to the existing time division multiplexing features, functions, and capabilities of that Hybrid Loop, including DS1 or DS3 capacity (but only where impairment has been found to exist, which, for the avoidance of any doubt, does not include instances where Frontier is not required to provide unbundled access to a DS1 Loop or a DS3 Loop under Section 1 of this Attachment) to establish a complete time division multiplexing transmission path between the main distribution frame (or equivalent) in a Frontier End Office serving an end user to the demarcation point at the end user's Customer premises. This access includes access to all features, functions, and capabilities of the Hybrid Loop that are not used to transmit packetized information.

3.6.3 Narrowband Services. Subject to the conditions set forth in Section 1 of this Attachment, when Telestride seeks access to a Hybrid Loop for the provision to its Customer of "narrowband services", as such term is defined by the FCC, then in accordance with, but only to the extent required by, the Federal Unbundling Rules, Frontier shall, in its sole discretion, either (a) provide access to a spare home-run copper Loop serving that Customer on an unbundled basis, or (b) provide access, on an unbundled basis, to a DS0 voice-grade transmission path between the main distribution frame (or equivalent) in the end user's serving End Office and the end user's Customer premises, using time division multiplexing technology.

3.6.4 IDLC Hybrid Loops and Loops Provisioned via Loop Concentrator. Subject to the conditions set forth in Section 1 of this Attachment, if Telestride requests, in order to provide narrowband services, unbundling of a 2 wire analog or 4 wire analog Loop currently provisioned via Integrated Digital Loop Carrier (over a Hybrid Loop) or via Remote Switching technology deployed as a Loop concentrator Frontier shall, in accordance with but only to the extent required by the Federal Unbundling Rules, provide Telestride unbundled access to a Loop capable of voice-grade service to the end user Customer served by the Hybrid Loop.

3.6.4.1 Frontier will endeavor to provide Telestride with an existing copper Loop or a Loop served by existing Universal Digital Loop Carrier ("UDLC"). Standard recurring and non-recurring Loop charges will apply. In addition, a non-recurring charge will apply whenever a line and station transfer is performed.

3.6.4.2 If neither a copper Loop nor a Loop served by UDLC is available, Frontier shall, upon request of Telestride, provide unbundled access to a DS0 voice-grade transmission path between the main distribution frame (or equivalent) in the end user's serving End Office and the end user's Customer premises via such technically feasible alternative that Frontier in its sole discretion may elect to employ. In addition to the rates and charges payable in connection with any unbundled Loop so provisioned by Frontier, Telestride shall be responsible for any of the following charges that apply in the event the technically feasible option involves construction, installation, or modification of facilities: (a) an engineering query charge for preparation of a price quote; (b) upon Telestride's submission of a firm construction order, an engineering work order nonrecurring charge; and (c) construction charges, as set forth in the price quote. If the order is cancelled by Telestride after construction work has started, Telestride shall be responsible for cancellation charges and a pro-rated charge for construction work performed prior to the cancellation.

3.6.4.3 Frontier may exclude its performance in connection with providing unbundled Loops pursuant to this Section 3.6.4 from standard provisioning intervals and performance measures and remedies, if any, contained in the Agreement or elsewhere.

4. Line Splitting (also referred to as “Loop Sharing”)

4.1 Line Splitting is a process in which one CLEC provides narrowband voice service over the low frequency portion of an unbundled copper Loop obtained from Frontier (such CLEC may be referred to as the "VLEC") and a second CLEC provides digital subscriber line service over the high frequency portion of that same Loop (such CLEC may be referred to as the "DLEC"). Line Splitting is accomplished through the use of a splitter collocated at the Frontier central office where the Loop terminates into a distribution frame or its equivalent.

4.2 Subject to the conditions set forth in Section 1 of this Attachment, Telestride may engage in Line Splitting, in accordance with this Section 4 and the rates and charges provided for in the Pricing Attachment. Frontier shall provide access to Line Splitting in accordance with, but only to the extent required by, the Federal Unbundling Rules.

4.3 Any Line Splitting between Telestride and another CLEC shall be accomplished by prior negotiated arrangement between Telestride and the other CLEC. Telestride shall give Frontier written notice of this arrangement through the Frontier Communications Local Service Customer Profile Form (formerly referred to as the Frontier Wholesale Local Service Customer Profile Form) on the Frontier Communications website (formerly referred to as the Frontier wholesale website), or such other electronic notice mechanism that Frontier may make available, at least thirty (30) days prior to placing an order for a Line Splitting arrangement with such other CLEC. The other CLEC must have an interconnection agreement with Frontier that permits it to engage in Line Splitting with Telestride. The VLEC shall be responsible for all rates and charges associated with the subject Loop as well as rates and charges associated with the DLEC's use of the high frequency portion of the Loop, including, but not limited to, service order charges, provisioning and installation charges, central office wiring, loop qualification charges, and OSS charges.

4.4 In order to facilitate Telestride’s engaging in Line Splitting pursuant to this Section 4, Telestride may order for use in a Line Splitting arrangement, those Network Elements, Combinations, Collocation arrangements, services, facilities, equipment and arrangements, appropriate for Line Splitting, that are offered to Telestride by Frontier under the other sections of this Agreement. Such Network Elements, Combinations, Collocation arrangements, services, facilities, equipment and arrangements, will be provided to Telestride in accordance with, and subject to, the rates and charges and other provisions of this Agreement and Frontier’s applicable Tariffs. Frontier shall be obligated to provide Network Elements, Combinations, Collocation arrangements, services, facilities, equipment and arrangements, for Line Splitting only to the extent required by the Federal Unbundling Rules.

4.5 Telestride and/or the other participating CLEC shall provide any splitters and/or Digital Subscriber Line Access Multiplexers used in a Line Splitting arrangement.

4.6 The standard provisioning interval for the Line Splitting arrangement shall be as set out in the Frontier Product Interval Guide; provided that the standard provisioning interval for a Line Splitting arrangement shall not exceed the shortest of the following intervals: (1) the standard provisioning interval for a Line Splitting arrangement if stated in an applicable Frontier Tariff; or, (2) the standard provisioning interval for a Line Splitting arrangement, if any, established in accordance with the Federal Unbundling Rules. The standard provisioning interval for a Line Splitting arrangement shall commence only after any required engineering and conditioning tasks have been completed. The standard

provisioning interval shall not apply where a Line and Station Transfer is performed.

4.7 Frontier shall not be liable for any claims, damages, penalties, liabilities or the like of any kind for disruptions to either Telestride's or the other CLEC's respective voice or data services over a Line Splitting arrangement.

5. [This Section Intentionally Left Blank]

6. Sub-Loop

Subject to the conditions set forth in Section 1 of this Attachment and upon request by Telestride, Frontier shall allow Telestride to access Sub-Loops unbundled from local switching and transport, in accordance with the terms of this Section 6 and the rates and charges set forth in the Pricing Attachment. Frontier shall allow Telestride access to Sub-Loops in accordance with, but only to the extent required by, the Federal Unbundling Rules. The available Sub-Loop types are as set forth below.

6.1 Unbundled Sub-Loop Arrangement– Distribution (USLA).

Subject to the conditions set forth in Section 1 of this Attachment and upon request by Telestride, Frontier shall provide Telestride with access to a Sub-Loop Distribution Facility in accordance with, and subject to, the terms and provisions of this Section 6.1, the rates set forth in the Pricing Attachment, and the rates, terms and conditions set forth in Frontier's applicable Tariffs. Frontier shall provide Telestride with access to a Sub-Loop Distribution Facility in accordance with, but only to the extent required by, the Federal Unbundling Rules.

6.1.1 Telestride may request that Frontier reactivate (if available) an unused drop and NID or provide Telestride with access to a drop and NID that, at the time of Telestride's request, Frontier is using to provide service to the Customer (as such term is hereinafter defined).

6.1.2 Upon site-specific request, Telestride may obtain access to the Sub-Loop Distribution Facility at a technically feasible access point located near a Frontier remote terminal equipment enclosure at the rates and charges provided for in the Pricing Attachment. It is not technically feasible to access the Sub-Loop Distribution Facility if a technician must access the facility by removing a splice case to reach the wiring within the cable. Telestride may obtain access to a Sub-Loop Distribution Facility through any method required by the Federal Unbundling Rules, in addition to existing methods such as from a Telecommunications outside plant interconnection cabinet (TOPIC) or, if Telestride is collocated at a remote terminal equipment enclosure and the FDI for such Sub-Loop Distribution Facility is located in such enclosure, from the collocation arrangement of Telestride at such terminal. If Telestride obtains access to a Sub-Loop Distribution Facility from a TOPIC, Telestride shall install a TOPIC on an easement or Right of Way obtained by Telestride within 100 feet of the Frontier FDI to which such Sub-Loop Distribution Facility is connected. A TOPIC must comply with applicable industry standards. Subject to the terms of applicable Frontier easements, Frontier shall furnish and place an interconnecting cable between a Frontier FDI and a Telestride TOPIC and Frontier shall install a termination block within such TOPIC. Frontier shall retain title to and maintain the interconnecting cable. Frontier shall not be responsible for building, maintaining or servicing the TOPIC and shall not provide any power

that might be required by Telestride for any of Telestride's electronics in the TOPIC. Telestride shall provide any easement, Right of Way or trenching or supporting structure required for any portion of an interconnecting cable that runs beyond a Frontier easement.

6.1.3 Telestride may request from Frontier by submitting a loop make-up engineering query to Frontier, and Frontier shall provide to Telestride, the following information regarding a Sub-Loop Distribution Facility that serves an identified Customer: the Sub-Loop Distribution Facility's length and gauge; whether the Sub-Loop Distribution Facility has loading and bridged tap; the amount of bridged tap (if any) on the Sub-Loop Distribution Facility; and, the location of the FDI to which the Sub-Loop Distribution Facility is connected.

6.1.4 To order access to a Sub-Loop Distribution Facility from a TOPIC, Telestride must first request that Frontier connect the Frontier FDI to which the Sub-Loop Distribution Facility is connected to a Telestride TOPIC. To make such a request, Telestride must submit to Frontier an application (a "Sub-Loop Distribution Facility Interconnection Application") that identifies the FDI at which Telestride wishes to access the Sub-Loop Distribution Facility. A Sub-Loop Distribution Facility Interconnection Application shall state the location of the TOPIC, the size of the interconnecting cable and a description of the cable's supporting structure. A Sub-Loop Distribution Facility Interconnection Application shall also include a five-year forecast of Telestride's demand for access to Sub-Loop Distribution Facilities at the requested FDI. Telestride must submit the application fee set forth in the Pricing Attachment attached hereto and Frontier's applicable Tariffs (a "Sub-Loop Distribution Facility Application Fee") with Sub-Loop Distribution Facility Interconnection Application. Telestride must submit Sub-Loop Interconnection Applications to:

Telestride's Account Manager

6.1.5 Within sixty (60) days after it receives a complete Sub-Loop Distribution Facility Interconnection Application for access to a Sub-Loop Distribution Facility and the Sub-Loop Distribution Facility Application Fee for such application, Frontier shall provide to Telestride a work order that describes the work that Frontier must perform to provide such access (a "Sub-Loop Distribution Facility Work Order") and a statement of the cost of such work (a "Sub-Loop Distribution Facility Interconnection Cost Statement").

6.1.6 Telestride shall pay to Frontier fifty percent (50%) of the cost set forth in a Sub-Loop Distribution Facility Interconnection Cost Statement within sixty (60) days of Telestride's receipt of such statement and the associated Sub-Loop Distribution Facility Work Order, and Frontier shall not be obligated to perform any of the work set forth in such order until Frontier has received such payment. A Sub-Loop Distribution Facility Interconnection Application shall be deemed to have been withdrawn if Telestride breaches its payment obligation under this Section. Upon Frontier 's completion of the work that Frontier must perform to provide Telestride with access to a Sub-Loop Distribution Facility, Frontier shall bill Telestride, and Telestride shall pay to Frontier, the balance of the cost set forth in the Sub-Loop Distribution Facility Interconnection Cost Statement for such access.

6.1.7 After Frontier has completed the installation of the interconnecting cable to a Telestride TOPIC and Telestride has paid the full cost of such installation, Telestride can request the connection of Frontier Sub-Loop Distribution Facilities to the Telestride TOPIC. At the same time, Telestride shall advise Frontier of the services that Telestride plans to provide over the Sub-Loop Distribution Facility, request any conditioning of the Sub-Loop Distribution Facility and assign the pairs in the interconnecting cable. Telestride shall run any crosswires within the TOPIC.

6.1.8 If Telestride requests that Frontier reactivate an unused drop and NID, then Telestride shall provide dial tone (or its DSL equivalent) on the Telestride side of the applicable Frontier FDI at least twenty-four (24) hours before the due date. On the due date, a Frontier technician will run the appropriate cross connection to connect the Frontier Sub-Loop Distribution Facility to the Telestride dial tone or equivalent from the TOPIC. If Telestride requests that Frontier provide Telestride with access to a Sub-Loop Distribution Facility that, at the time of Telestride's request, Frontier is using to provide service to a Customer, then, after Telestride has looped two interconnecting pairs through the TOPIC and at least twenty four (24) hours before the due date, a Frontier technician shall crosswire the dial tone from the Frontier central office through the Frontier side of the TOPIC and back out again to the Frontier FDI and Frontier Sub-Loop Distribution Facility using the "loop through" approach. On the due date, Telestride shall disconnect Frontier's dial tone, crosswire its dial tone to the Sub-Loop Distribution Facility and submit Telestride's LNP request.

6.1.9 Frontier will not provide access to a Sub-Loop Distribution Facility if Frontier is using the loop of which the Sub-Loop Distribution Facility is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Frontier-provided line sharing or such Customer first disconnects the service that utilizes derived channel technology.

6.1.10 Frontier shall provide Telestride with access to a Sub-Loop Distribution Facility in accordance with negotiated intervals

6.1.11 Frontier shall repair and maintain a Sub-Loop Distribution Facility at the request of Telestride and subject to the time and material rates set forth in Pricing Attachment and the rates, terms and conditions of Frontier's applicable Tariffs. Telestride accepts responsibility for initial trouble isolation for Sub-Loop Distribution Facilities and providing Frontier with appropriate dispatch information based on its test results. If (a) Telestride reports to Frontier a Customer trouble, (b) Telestride requests a dispatch, (c) Frontier dispatches a technician, and (d) such trouble was not caused by Frontier Sub-Loop Distribution Facility facilities or equipment in whole or in part, Telestride shall pay Frontier the charges set forth in the Pricing Attachment and Frontier's applicable Tariffs for time associated with said dispatch. In addition, these charges also apply when the Customer contact as designated by Telestride is not available at the appointed time. If as the result of Telestride instructions, Frontier is erroneously requested to dispatch to a site on Frontier company premises ("dispatch in"), the charges set

forth in Pricing Attachment and Frontier's applicable Tariffs will be assessed per occurrence to Telestride by Frontier. If as the result of Telestride instructions, Frontier is erroneously requested to dispatch to a site outside of Frontier company premises ("dispatch out"), the charges set forth in Pricing Attachment and Frontier's applicable Tariffs will be assessed per occurrence to Telestride by Frontier.

6.2 [Intentionally Left Blank].

6.3 Collocation in Remote Terminals.

To the extent required by Applicable Law, Frontier shall allow Telestride to collocate equipment in a Frontier remote terminal equipment enclosure in accordance with, and subject to, the rates, terms and conditions set forth in the Collocation Attachment and the Pricing Attachment.

7. Sub-Loop for Multiunit Tenant Premises Access

[Intentionally Left Blank].

8. Intentionally Left Blank

9. Network Interface Device

9.1 Subject to the conditions set forth in Section 1 of this Attachment and upon request by Telestride, Frontier shall permit Telestride to connect a Telestride Loop to the Inside Wiring of a Customer's premises through the use of a Frontier NID in accordance with this Section 9 and the rates and charges provided in the Pricing Attachment. Frontier shall provide Telestride with access to NIDs in accordance with, but only to the extent required by, the Federal Unbundling Rules. Telestride may access a Frontier NID either by means of a connection (but only if the use of such connection is technically feasible) from an adjoining Telestride NID deployed by Telestride or, if an entrance module is available in the Frontier NID, by connecting a Telestride Loop to the Frontier NID. When necessary, Frontier will rearrange its facilities to provide access to an existing Customer's Inside Wire. An entrance module is available only if facilities are not connected to it.

9.2 In no case shall Telestride access, remove, disconnect or in any other way rearrange Frontier's Loop facilities from Frontier's NIDs, enclosures, or protectors.

9.3 In no case shall Telestride access, remove, disconnect or in any other way rearrange, a Customer's Inside Wiring from Frontier's NIDs, enclosures, or protectors where such Customer Inside Wiring is used in the provision of ongoing Telecommunications Service to that Customer.

9.4 In no case shall Telestride remove or disconnect ground wires from Frontier's NIDs, enclosures, or protectors.

9.5 In no case shall Telestride remove or disconnect NID modules, protectors, or terminals from Frontier's NID enclosures.

9.6 Maintenance and control of premises Inside Wiring is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's

Inside Wiring must be resolved by the person who controls use of the wiring (e.g., the Customer).

9.7 When Telestride is connecting a Telestride-provided Loop to the Inside Wiring of a Customer's premises through the Customer's side of the Frontier NID, Telestride does not need to submit a request to Frontier and Frontier shall not charge Telestride for access to the Frontier NID. In such instances, Telestride shall comply with the provisions of Sections 9.2 through 9.7 of this Attachment and shall access the Customer's Inside Wire in the manner set forth in Section 9.8 of this Attachment.

9.8 Due to the wide variety of NIDs utilized by Frontier (based on Customer size and environmental considerations), Telestride may access the Customer's Inside Wiring, acting as the agent of the Customer by any of the following means:

9.8.1 Where an adequate length of Inside Wiring is present and environmental conditions permit, Telestride may remove the Inside Wiring from the Customer's side of the Frontier NID and connect that Inside Wiring to Telestride's NID.

9.8.2 Where an adequate length of Inside Wiring is not present or environmental conditions do not permit, Telestride may enter the Customer side of the Frontier NID enclosure for the purpose of removing the Inside Wiring from the terminals of Frontier's NID and connecting a connectorized or spliced jumper wire from a suitable "punch out" hole of such NID enclosure to the Inside Wiring within the space of the Customer side of the Frontier NID. Such connection shall be electrically insulated and shall not make any contact with the connection points or terminals within the Customer side of the Frontier NID.

9.8.3 Telestride may request Frontier to make other rearrangements to the Inside Wiring terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting party (i.e. Telestride, its agent, the building owner or the Customer). If Telestride accesses the Customer's Inside Wiring as described in this Section 9.8.3, time and materials charges will be billed to the requesting party (i.e. Telestride, its agent, the building owner or the Customer).

10. [This Section Intentionally Left Blank]

11. Dedicated Transport

11.1 Subject to the conditions set forth in Section 1 of this Attachment, where facilities are available, at Telestride's request, Frontier shall provide Telestride with Dedicated Transport unbundled from other Network Elements at the rates set forth in the Pricing Attachment. Frontier shall provide Telestride with such Dedicated Transport in accordance with, but only to the extent required by, the Federal Unbundling Rules. Except as provided in Section 17 below, Frontier will not install new electronics, and Frontier will not build new facilities. For the avoidance of any doubt, notwithstanding any other provision of this Agreement, Frontier shall not be required to provide, and Telestride shall not request or obtain, unbundled access to shared (or common) transport, or any other interoffice transport facility that does not meet the definition of Dedicated Transport.

11.2 If and, to the extent that, Telestride has purchased (or purchases) transport from Frontier under a Frontier Tariff or otherwise, and Telestride has a right under the Federal Unbundling Rules to convert (and wishes to convert) such transport to unbundled Dedicated Transport under this Agreement, it shall give Frontier written notice of such request (including, without limitation, through submission of ASRs if Frontier so requests) and provide to Frontier all information (including, without limitation, a listing of the specific circuits in question) that Frontier reasonably requires to effectuate such conversion. In the case of any such conversion, Telestride shall pay any and all conversion charges (e.g., non-recurring charges), as well as any and all termination liabilities, minimum service period charges and like charges in accordance with Frontier's applicable Tariffs. If the transport to be converted comprises a portion of a High Capacity EEL (as defined in Section 16.2.1 below), the applicable provisions of Section 16 below shall apply.

12. [This Section Intentionally Left Blank]

13. Operations Support Systems

Subject to the conditions set forth in Section 1 of this Attachment and in Section 8 of the Additional Services Attachment, Frontier shall provide Telestride with access via electronic interfaces to databases required for pre-ordering, ordering, provisioning, maintenance and repair, and billing. Frontier shall provide Telestride with such access in accordance with, but only to the extent required by, the Federal Unbundling Rules. All such transactions shall be submitted by Telestride through such electronic interfaces.

14. Availability of Other Network Elements on an Unbundled Basis

14.1 Any request by Telestride for access to a Frontier Network Element that is not already available and that Frontier is required by the Federal Unbundling Rules to provide on an unbundled basis shall be treated as a Network Element Bona Fide Request pursuant to Section 14.3, of this Attachment. Telestride shall provide Frontier access to its Network Elements as mutually agreed by the Parties or as required by the Federal Unbundling Rules.

14.2 Notwithstanding anything to the contrary in this Section 14, a Party shall not be required to provide a proprietary Network Element to the other Party under this Section 14 except as required by the Federal Unbundling Rules.

14.3 Network Element Bona Fide Request (BFR).

14.3.1 Each Party shall promptly consider and analyze access to a new unbundled Network Element in response to the submission of a Network Element Bona Fide Request by the other Party hereunder. The Network Element Bona Fide Request process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) ¶ 259 and n.603 or subsequent orders.

14.3.2 A Network Element Bona Fide Request shall be submitted in writing and shall include a technical description of each requested Network Element.

14.3.3 The requesting Party may cancel a Network Element Bona Fide Request at any time, but shall pay the other Party's reasonable and demonstrable costs of processing and/or implementing the Network Element Bona Fide Request up to the date of cancellation.

14.3.4 Within ten (10) Business Days of its receipt, the receiving Party shall acknowledge receipt of the Network Element Bona Fide Request.

14.3.5 Except under extraordinary circumstances, within thirty (30) days of its receipt of a Network Element Bona Fide Request, the receiving Party shall provide to the requesting Party a preliminary analysis of such Network Element Bona Fide Request. The preliminary analysis shall confirm that the receiving Party will offer access to the Network Element or will provide a detailed explanation that access to the Network Element is not technically feasible and/or that the request does not qualify as a Network Element that is required to be provided by the Federal Unbundling Rules.

14.3.6 If the receiving Party determines that the Network Element Bona Fide Request is technically feasible and access to the Network Element is required to be provided by the Federal Unbundling Rules, it shall promptly proceed with developing the Network Element Bona Fide Request upon receipt of written authorization from the requesting Party. When it receives such authorization, the receiving Party shall promptly develop the requested services, determine their availability, calculate the applicable prices and establish installation intervals. Unless the Parties otherwise agree, the Network Element requested must be priced in accordance with Section 252(d)(1) of the Act.

14.3.7 As soon as feasible, but not more than ninety (90) days after its receipt of authorization to proceed with developing the Network Element Bona Fide Request, the receiving Party shall provide to the requesting Party a Network Element Bona Fide Request quote which will include, at a minimum, a description of each Network Element, the availability, the applicable rates, and the installation intervals.

14.3.8 Within thirty (30) days of its receipt of the Network Element Bona Fide Request quote, the requesting Party must either confirm its order for the Network Element Bona Fide Request pursuant to the Network Element Bona Fide Request quote or seek arbitration by the Commission pursuant to Section 252 of the Act.

14.3.9 If a Party to a Network Element Bona Fide Request believes that the other Party is not requesting, negotiating or processing the Network Element Bona Fide Request in good faith, or disputes a determination, or price or cost quote, or is failing to act in accordance with Section 251 of the Act, such Party may seek mediation or arbitration by the Commission pursuant to Section 252 of the Act.

15. Maintenance of Network Elements

If (a) Telestride reports to Frontier a Customer trouble, (b) Telestride requests a dispatch, (c) Frontier dispatches a technician, and (d) such trouble was not caused by Frontier's facilities or equipment in whole or in part, then Telestride shall pay Frontier a charge set forth in the Pricing Attachment for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by Telestride is not available at the appointed time. Telestride accepts responsibility for initial trouble isolation and providing Frontier with appropriate dispatch information based on its test results. If, as the result of Telestride instructions, Frontier is erroneously requested to dispatch to a site on Frontier company premises ("dispatch in"), a charge set forth in the Pricing Attachment will be assessed per occurrence to Telestride by Frontier. If as the result of Telestride instructions, Frontier is erroneously requested to dispatch to a site

outside of Frontier company premises ("dispatch out"), a charge set forth in the Pricing Attachment will be assessed per occurrence to Telestride by Frontier. Frontier agrees to respond to Telestride trouble reports on a non-discriminatory basis consistent with the manner in which it provides service to its own retail Customers or to any other similarly situated Telecommunications Carrier.

16. Combinations, Commingling, and Conversions

16.1 Subject to and without limiting the conditions set forth in Section 1 of this Attachment:

16.1.1 Frontier will not prohibit the commingling of a Qualifying UNE with Qualifying Wholesale Services, but only to the extent and so long as commingling and provision of such Network Element (or combination of Network Elements) is required by the Federal Unbundling Rules. Moreover, to the extent and so long as required by the Federal Unbundling Rules, Frontier shall, upon request of Telestride, perform the functions necessary to commingle Qualifying UNEs with Qualifying Wholesale Services. The rates, terms and conditions of the applicable access Tariff or separate non-251 agreement will apply to the Qualifying Wholesale Services, and the rates, terms and conditions of the Agreement or the Frontier UNE Tariff, as applicable, will apply to the Qualifying UNEs; provided, however, that a nonrecurring charge will apply for each UNE circuit that is part of a commingled arrangement, as set forth in the Pricing Attachment. In addition, if any commingling requested by Telestride requires Frontier to perform physical work that Frontier is required to perform under the Federal Unbundling Rules, then Frontier's standard charges for such work shall apply or, in the absence of a standard charge, a fee calculated using Frontier's standard time and materials rates shall apply until such time as a standard charge is established pursuant to the terms set forth in the Pricing Attachment.

16.1.2 Ratcheting, i.e., a pricing mechanism that involves billing a single circuit at multiple rates to develop a single, blended rate, shall not be required. UNEs that are commingled with Wholesale Services are not included in the shared use provisions of the applicable Tariff, and are therefore not eligible for adjustment of charges under such provisions. Frontier may exclude its performance in connection with the provisioning of commingled facilities and services from standard provisioning intervals and from performance measures and remedies, if any, contained in the Agreement or elsewhere.

16.1.3 Limitation on Section 16.1. Section 16.1 is intended only to address the Parties' rights and obligations as to combining and/or commingling of UNEs that Frontier is already required to provide to Telestride under the Agreement and the Federal Unbundling Rules. Nothing contained in Section 16.1 shall be deemed to limit any right of Frontier under the Agreement to cease providing a facility that is or becomes a Discontinued Facility.

16.2 Service Eligibility Criteria for Certain Combinations and Commingled Facilities and Services. Subject to the conditions set forth in Sections 1 and 16.1 of this Attachment:

16.2.1 Frontier shall not be obligated to provide:

16.2.1.1 an unbundled DS1 Loop in combination with unbundled DS1 or DS3 Dedicated Transport, or commingled with DS1 or DS3 access services;

16.2.1.2 an unbundled DS3 Loop in combination with unbundled DS3 Dedicated Transport, or commingled with DS3 access services;

16.2.1.3 unbundled DS1 Dedicated Transport commingled with DS1 channel termination access service;

16.2.1.4 unbundled DS3 Dedicated Transport commingled with DS1 channel termination access service; or

16.2.1.5 unbundled DS3 Dedicated Transport commingled with DS3 channel termination service,

(individually and collectively "High Capacity EELs") except to the extent Frontier is required by the Federal Unbundling Rules to do so, and then not unless and until Telestride, using an ASR, certifies to Frontier that each combined or commingled DS1 circuit or DS1 equivalent circuit of a High Capacity EEL satisfies each of the service eligibility criteria on a circuit-by-circuit basis as set forth in 47 C.F.R. § 51.318. Telestride must remain in compliance with said service eligibility criteria for so long as Telestride continues to receive the aforementioned combined or commingled facilities and/or services from Frontier and Telestride shall immediately notify Frontier at such time as a certification ceases to be accurate. The service eligibility criteria shall be applied to each combined or commingled DS1 circuit or DS1 equivalent circuit of a High Capacity EEL. If any combined or commingled DS1 circuit or DS1 equivalent circuit of a High Capacity EEL is, becomes, or is subsequently determined to be, noncompliant, the noncompliant High Capacity EEL circuit will be treated as described in Section 16.2.2 below. The foregoing shall apply whether the High Capacity EEL circuits in question are being provisioned to establish a new circuit or to convert an existing wholesale service, or any part thereof, to unbundled network elements. For existing High Capacity EEL circuits, Telestride, within thirty (30) days of the Effective Date to the extent it has not already done so prior to the Effective Date of this Agreement, must re-certify, using an ASR, that each DS1 circuit or DS1 equivalent circuit satisfies the service eligibility criteria on a circuit-by-circuit basis as set forth in 47 C.F.R. § 51.318. Any existing High Capacity EEL circuits that Telestride leased from Frontier as of the Effective Date of this Agreement that Telestride fails to re-certify as required by this Section by the end of such 30-day period shall be treated as a non-compliant circuit as described under Section 16.2.2 below effective as of the Effective Date of this Agreement.

16.2.2 Without limiting any other right Frontier may have to cease providing circuits that are or become Discontinued Facilities, if a High Capacity EEL circuit is or becomes noncompliant as described in this Section 16.2 and Telestride has not submitted an LSR or ASR, as appropriate, to Frontier requesting disconnection of the noncompliant facility and has not separately secured from Frontier an alternative arrangement to replace the noncompliant High Capacity EEL circuit, then Frontier, to the extent it has not already done so prior to execution of this Agreement, shall reprice the subject High Capacity EEL circuit (or

portion thereof that had been previously billed at UNE rates), effective beginning on the date on which the circuit became non-compliant by application of a new rate (or, in Frontier's sole discretion, by application of a surcharge to an existing rate) to be equivalent to an analogous access service or other analogous arrangement that Frontier shall identify in a written notice to Telestride.

16.2.3 Each certification to be provided by Telestride pursuant to Section 16.2.1 above must contain the following information for each DS1 circuit or DS1 equivalent: (a) the local number assigned to each DS1 circuit or DS1 equivalent; (b) the local numbers assigned to each DS3 circuit (must have 28 local numbers assigned to it); (c) the date each circuit was established in the 911/E-911 database; (d) the collocation termination connecting facility assignment for each circuit, showing that the collocation arrangement was established pursuant to 47 U.S.C. § 251(c)(6), and not under a federal collocation tariff; (e) the interconnection trunk circuit identification number that serves each DS1 circuit. There must be one such identification number per every 24 DS1 circuits; and (f) the local switch that serves each DS1 circuit. When submitting an ASR for a circuit, this information must be contained in the Remarks section of the ASR, unless provisions are made to populate other fields on the ASR to capture this information.

16.2.4 The charges for conversions are as specified in the Pricing Attachment and apply for each circuit converted.

16.2.5 All ASR-driven conversion requests will result in a change in circuit identification (circuit ID) from access to UNE or UNE to access. If such change in circuit ID requires that the affected circuit(s) be retagged, then a retag fee per circuit will apply as specified in the Pricing Attachment.

16.2.6 All requests for conversions will be handled in accordance with Frontier's conversion guidelines. Each request will be handled as a project and will be excluded from all ordering and provisioning metrics.

16.3 Once per calendar year, Frontier may obtain and pay for an independent auditor to audit Telestride's compliance in all material respects with the service eligibility criteria applicable to High Capacity EELs. Any such audit shall be performed in accordance with the standards established by the American Institute for Certified Public Accountants, and may include, at Frontier's discretion, the examination of a sample selected in accordance with the independent auditor's judgment. To the extent the independent auditor's report concludes that Telestride failed to comply with the service eligibility criteria, then (without limiting Frontier's rights under Section 16.2.2 above) Telestride must convert all noncompliant circuits to the appropriate service, true up any difference in payments, make the correct payments on a going-forward basis, and reimburse Frontier for the cost of the independent auditor within thirty (30) days after receiving a statement of such costs from Frontier. Should the independent auditor confirm Telestride's compliance with the service eligibility criteria, then Telestride shall provide to the independent auditor for its verification a statement of Telestride's out-of-pocket costs of complying with any requests of the independent auditor, and Frontier shall, within thirty (30) days of the date on which Telestride submits such costs to the auditor, reimburse Telestride for its out-of-pocket costs verified by the auditor. Telestride shall maintain records adequate to support its compliance with the service eligibility criteria for each DS1 or DS1 equivalent circuit for at least eighteen (18) months after the service arrangement in question is terminated.

17. Routine Network Modifications

17.1 General Conditions. In accordance with, but only to the extent required by, the Federal Unbundling Rules, and subject to the conditions set forth in Section 1 of this Attachment:

17.1.1 Frontier shall make such routine network modifications, at the rates and charges set forth in the Pricing Attachment, as are necessary to permit access by Telestride to the Loop, Dedicated Transport facilities available under the Agreement (including DS1 Loops and DS1 Dedicated Transport, and DS3 Loops and DS3 Dedicated Transport), where the facility has already been constructed. Routine network modifications applicable to Loops or Transport are those modifications that Frontier regularly undertakes for its own Customers and may include, but are not limited to: rearranging or splicing of in-place cable at existing splice points; adding an equipment case; adding a doubler or repeater; installing a repeater shelf; deploying a new multiplexer or reconfiguring an existing multiplexer; accessing manholes; and deploying bucket trucks to reach aerial cable. Routine network modifications do not include the construction of a new Loop or new Transport facilities, trenching, the pulling of cable, the installation of new aerial, buried, or underground cable for a requesting telecommunications carrier, the placement of new cable, securing permits or rights-of-way, or constructing and/or placing new manholes or conduits. Frontier shall not be required to build any time division multiplexing (TDM) capability into new packet-based networks or into existing packet-based networks that do not already have TDM capability. Frontier shall not be required to perform any routine network modifications to any facility that is or becomes a Discontinued Facility.

17.2 Performance Plans. Frontier may exclude its performance in connection with the provisioning of Loops or Transport for which routine network modifications are performed from standard provisioning intervals and performance measures and remedies, if any, contained in the Agreement or elsewhere.

17.3 Nothing contained in this Section 17 shall be deemed: (a) to establish any obligation of Frontier to provide on an unbundled basis under the Federal Unbundling Rules any facility that this Agreement does not otherwise require Frontier to provide on an unbundled basis under the Federal Unbundling Rules, (b) to obligate Frontier to provide on an unbundled basis under the Federal Unbundling Rules, for any period of time not required under the Federal Unbundling Rules, access to any Discontinued Facility, or (c) to limit any right of Frontier under the Agreement, any Frontier Tariff or SGAT, or otherwise, to cease providing a Discontinued Facility.

18. Rates and Charges

The rates and charges for UNEs, Combinations, Commingling, routine network modifications, and other services, facilities and arrangements, offered under this Attachment shall be as provided in this Attachment and the Pricing Attachment.

19. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date of this Agreement, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions

(including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

COLLOCATION ATTACHMENT

1. Frontier's Provision of Collocation

Frontier shall provide to Telestride, in accordance with this Agreement, Frontier's applicable federal and state Tariffs and the requirements of Applicable Law, Collocation for the purpose of facilitating Telestride's interconnection with Frontier under 47 U.S.C. § 251(c)(2) or access to Unbundled Network Elements of Frontier; provided, that notwithstanding any other provision of this Agreement or a Tariff, Frontier shall be obligated to provide Collocation to Telestride only to the extent required by Applicable Law and may decline to provide Collocation to Telestride to the extent that provision of Collocation is not required by Applicable Law. Notwithstanding any other provision of this Agreement or a Tariff, nothing in this Agreement or a Tariff shall be deemed to require Frontier to provide (and, for the avoidance of any doubt, Frontier may decline to provide and/or cease providing) Collocation that, if provided by Frontier, would be used by Telestride to obtain unbundled access to any network element: (a) that Frontier is not required to unbundle under 47 U.S.C. § 251(c)(3) or (b) that Frontier is not required to unbundle under 47 C.F.R. Part 51.

Section 1 of this Collocation Attachment ("Attachment"), in conjunction with the rest of this Agreement, set forth the terms and conditions under which Frontier shall provide Collocation services to Telestride. Collocation provides for access to Frontier's "premises", for the purpose of interconnection and/or access to Unbundled Network Elements (UNEs). For the purposes of this Attachment, "premises" is defined to include Frontier's central offices, serving Wire Centers, and all other buildings or similar structures owned, leased, or otherwise controlled by Frontier that house Frontier's network facilities. Collocation at Frontier's Wire Centers and access tandems shall be accomplished through caged, cageless, or virtual Collocation service offerings, as described below, except if not practical for technical reasons or due to space limitations. In accordance with, but only to the extent required by Applicable Law, Frontier shall also offer rates, terms and conditions for Collocation services that are not expressly addressed in this Attachment or Frontier Tariffs on an individual case basis.

1.1 Types of Collocation.

1.1.1 Single Caged. A single caged arrangement is a form of caged Collocation, which allows a single CLEC to lease caged floor space to house its equipment within Frontier premises.

1.1.2 Shared Caged. A shared caged arrangement is a newly constructed caged Collocation arrangement that is jointly applied for and occupied by two or more CLECs within a Frontier premise. When two or more CLECs request establishment and jointly apply for a new caged Collocation arrangement to be used as a shared caged arrangement, one of the participating CLECs must agree to be the host CLEC (HC) and the other(s) to be the guest CLEC (GC). The HC and GC(s) are solely responsible for determining whether to share a shared caged Collocation arrangement and if so, upon what terms and conditions. The HC and GC(s) must each be interconnected to Frontier for the exchange of traffic with Frontier and/or to access unbundled network elements. Frontier will not issue separate billing for any of the rate elements associated with the shared caged Collocation arrangement between the HC and the GC(s), but Frontier will provide the HC with information on the proportionate share of the NRCs for each CLEC in

the shared arrangement. The HC will be responsible for ordering and payment of all Collocation applicable services ordered by the HC and GC(s). The HC and GC will be responsible for ordering their own unbundled network elements from Frontier. Frontier will separately bill the HC and/or GC(s) for unbundled network elements ordered. The HC and GC(s) are Frontier's customers and have all the rights and obligations applicable hereunder to CLECs purchasing Collocation-related services, including, without limitation, the obligation to pay all applicable charges, whether or not the HC is reimbursed for all or any portion of such charges by the guest(s). All terms and conditions for caged Collocation as described in this Attachment will apply to shared caged Collocation requirements.

1.1.3 Subleased Caged. Vacant space available in a CLEC's caged Collocation arrangement may be made available to a third party(s) for the purpose of interconnection and/or for access to UNEs in Frontier premises via the subleasing Collocation arrangement. The CLEC subleases the floor space to the third party(s) pursuant to terms and conditions agreed to by the CLEC and the third party(s) involved. The CLEC and third party(s) must each be interconnected to Frontier for the exchange of traffic with Frontier and/or to access unbundled network elements. The CLEC is solely responsible for determining whether to sublease a shared caged Collocation arrangement and if so, upon what terms and conditions. Frontier will not issue separate billing for any of the rate elements associated with the subleased caged Collocation arrangement between the CLEC and the third party(s). The CLEC will be responsible for ordering and payment of all Collocation applicable services ordered by the CLEC and the third party(s). Each CLEC and third party will be responsible for ordering their own unbundled network elements from Frontier. Frontier will separately bill the CLEC and third party/parties for unbundled network elements ordered. The CLEC and third party(s) are Frontier's customers and have all the rights and obligations applicable hereunder to CLECs purchasing Collocation-related services, including, without limitation, the obligation to pay all applicable charges, whether or not the CLEC is reimbursed for all or any portion of such charges by the third party(s). All terms and conditions for caged Collocation as described in this Attachment will apply to subleased caged Collocation requirements.

1.1.4 Cageless. Cageless Collocation is a form of Collocation in which CLECs can place their equipment in Frontier premises. A cageless Collocation arrangement allows a CLEC, using Frontier approved vendors, to install equipment in single bay increments in an area designated by Frontier. The equipment location will be designated by Frontier and will vary based on individual Frontier premise configurations. CLEC equipment will not share the same equipment bays with Frontier equipment.

1.1.5 Intentionally Left

1.1.6 Virtual. Under virtual Collocation, Frontier installs and maintains Telestride provided equipment which is dedicated to the exclusive use of the Telestride in a Collocation arrangement. Virtual Collocation services are provided for under Frontier applicable FCC tariffs.

1.2 Ordering.

1.2.1 Application. The CLEC must request collocation arrangements through the Company's point of contact. Completed applications for collocation must be sent directly to the Company's Collocation Program Manager at the following address:

Frontier
Collocation Program Manager
1500 Maccorkle Ave S.E. Rm 222
Charleston WV 25396
Email at: wvcollocation@ftr.com

Additional information and requirements regarding collocation may be obtained from the Company's public website at www.frontier.com/wholesale.

1.2.2 Application Form/Fee

CLECs requesting collocation at a premise will be required to complete the application form and submit the non-refundable engineering fee set forth in pricing attachment following for each premises at which collocation is requested. The application form will require the CLEC to provide all engineering, floor space, power, environmental and other requirements necessary for the function of the service. The CLEC will also provide the Company with specifications for any non-standard or special requirements at the time of application. The Company reserves the right to assess the CLEC any additional charges not included in pricing attachment following on an individual case basis (ICB) associated with complying with the application request. The Company will process collocation requests from CLECs on a first-come, first-serve basis pursuant to

1.2.3 Space Availability

Subject to forecasting requirements, the Company will inform the CLEC whether space is available to accommodate the CLEC's request within eight (8) business days after receipt of an application. The Company's response will be one of the following:

(A) There is space and the Company will proceed with the arrangement.

(B) There is no space. The Company will proceed in accordance with ICA provisions pertaining to verification of space limitations.

(C) There is no readily available space, however, the Company will determine whether space can be made available and will notify the CLEC within twenty (20) business days. At the end of this period, the Company will proceed as described in (A) or (B) above

1.2.4 Collocation Schedule.

1.2.4.1 If space is available, Frontier will provide to Telestride a Collocation schedule describing Frontier's ability to meet the physical Collocation request within eight (8) Business Days after receipt of a completed application. Telestride shall have nine (9) Business Days

from receipt of a Frontier provided Collocation schedule to pay 50% of the NRCs associated with the ordered Collocation services.

1.2.4.2 If the application is deficient, Frontier will specify in writing, within eight (8) Business Days, the information that must be provided by Telestride in order to complete the application. IfTelestride resubmits a revised application curing any deficiencies in its original application within ten (10) calendar days after being informed of them, Telestride shall retain its position within the Collocation application queue.

1.2.5 Augmentation.

1.2.5.1 Any request for an addition, partial reduction, or a change to an existing Collocation arrangement that has been inspected and turned over to Telestride shall be considered an augmentation request. An augmentation request will require the submission of a complete application form and a non-refundable engineering or minor augment fee. A minor augment fee may not be required under the circumstancesoutlined below. The definition of a major or minor augment is as follows:

1.2.5.2.1 Major augments of Collocation arrangements are those requests that: (a) require AC or DC power; (b) add equipment that generates more BTU's of heat, or (c) increase the floor space over what Telestride requested in its original application. A complete application and engineering fee will be required when submitting a request that requires a major augment.

1.2.5.2.2. Minor augments of Collocation arrangements will require the submission of a complete application form and the minor augment fee. Minor augments are those requests that: (a) do not require additional DC and AC power, (b) do not add equipment that generates more BTU's of heat, (c) do not increase floor space, and (d) do not add transmission cables, over what Telestride requested in its original application. The requirements of a minor augment request cannot exceed the capacity of the existing/proposed electrical, power or HVAC system. Requests for additional DS0, DS1, and DS3 facility terminations to access Frontier's unbundled network elements are included as minor augments, providing no additional transmission cables are required.

1,2,5,2.3 Minor augments that require an augment fee are those requests that require Frontier to perform a service or function on behalf of Telestride including but not limited to: installation of virtual equipment cards or software upgrades, removal of virtual equipment, requests to pull cable from exterior

microwave facilities, and requests to terminate DS0, DS1 and DS3 cables.

1.2.5.2.4 Minor augments that do not require a fee are those augments performed solely by Telestride, that do not require Frontier to provide a service or function on behalf of Telestride, including but not limited to, requests to install additional equipment in Telestride Collocation space. Prior to the installation of the additional equipment, Telestride agrees to provide Frontier an application form with an updated equipment listing that includes the new equipment to be installed in Telestride's Collocation arrangement. Once the equipment list is submitted to Frontier, Telestride may proceed with the augment. Telestride agrees that changes in equipment provided by Telestride under this provision will not exceed the engineering specifications for power and HVAC as requested on original application. All augments will be subject to Frontier inspection, in accordance with term of this contract for the purpose of ensuring compliance with Frontier safety standards.

1.6.1 Expansion. Frontier will not be required to construct additional space to provide for Telestride Collocation when available space has been exhausted. Where Telestride seeks to expand its existing Collocation space, Frontier shall make contiguous space available to the extent possible; provided, however, Frontier does not guarantee contiguous space to Telestride to expand its existing Collocation space. Telestride requests for expansion of existing space within a specific Frontier premise will require the submission of an application form and the appropriate major augment fee.

1.6.2 Relocation. Telestride requests for relocation of the termination equipment from one location to a different location within the same Frontier premise will be handled on an ICB basis. Telestride will be responsible for all costs associated with the relocation of its equipment.

1.7 Installation and Operation.

1.7.1 Joint Planning and Implementation Levels for Physical Collocation. Frontier and Telestride shall work cooperatively in meeting the standard implementation milestones and deliverables as determined during the joint planning process. The physical (caged and cageless) Collocation arrangement implementation interval is seventy-six (76) Business Days for all standard arrangement requests which were properly forecast six (6) months prior to the application date, subject to the conditions set forth for forecasting and capacity. Major construction obstacles or special Telestride requirements may extend the interval by fifteen (15) Business Days, resulting in a ninety-one (91)-Business Day interval.

1.7.1.1 The interval for Collocation augments which were properly forecast six months prior to the application date, subject to Section 1.7.1.4 as well as the conditions for forecasting and capacity, is forty-five (45) Business Days where the necessary infrastructure is installed and available for use. Such augments are limited to the following:

1.7.1.1.1 800 2 wire voice grade terminations, or

1.7.1.1.2 400 4 wire voice grade terminations, or

1.7.1.1.3 600 line sharing/line splitting facilities, where line sharing/splitting already exists within the central office and where Telestride is eligible for line sharing/line splitting, or

1.7.1.1.4 28 DS1 terminations, or

1.7.1.1.5 24 DS3 terminations, or

1.7.1.1.6 12 fiber terminations, or

1.7.1.1.7 Conversion of 2 wire voice grade to 4 wire (minimum 100 – maximum 800), or

1.7.1.1.8 2 feeds (1A and 1B) DC power fused at 60 amps or less, or

1.7.1.1.9 DC Power as defined in 8 preceding, plus any one (1) additional item as defined in 1 through 7 preceding; or 2 of the following: a) 28 DS1 terminations; b) 3 DS3 terminations; or c) 12 fiber terminations. Telestride must have 100% of all cables terminated to the existing cross connects for the one additional item selected and the in-service capacity of that selection must be at 85% utilization or above unless Telestride can demonstrate to Frontier that: a) the previous two months trend in growth would exceed 100% of the available capacity by the end of the forty-five (45) Business Day augment interval; or b) other good cause or causes that Telestride cross connect capacity may be exceeded by the end of the forty-five (45) Business Day augment interval.

1.7.1.2 For 2 wire to 4 wire voice grade conversions, all pairs must be spare and in consecutive 100 pair counts.

1.7.1.3 The following standard implementation milestones will apply, in Business Days, unless Frontier and Telestride jointly decide otherwise:

1.7.1.3.1 Day 1—Telestride submits completed application and associated fee.

1.7.1.3.2 Day 8—Frontier notifies Telestride that request can be accommodated and advises of due date.

1.7.1.3.3 Day 17—Telestride notifies Frontier of its intent to proceed and submits 50% payment.

1.7.1.3.4 Day 30—Material ships and is received at vendor warehouse; Telestride provided splitters delivered to vendor warehouse (Line Sharing Option C only, and applicable only where Telestride is eligible for line sharing/line splitting).

1.7.1.3.5 Day 45—Augment (as defined herein) completes.

1.7.1.3.6 Day 76—Frontier and Telestride attend Collocation acceptance meeting and Frontier turns over the Collocation arrangement to Telestride. Day 76 also applies to completion of other augments not defined herein.

1.7.1.4 The forty-five (45) Business Day interval is subject to the following requirements:

1.7.1.4.1 Infrastructure to support the requested augment must be in place (e.g., cable racking from common area to distributing frames, relay racks for splitter shelves, frame capacity for termination blocks, cable holes, fuse positions at existing Battery Distribution Fuse Boards (BDFBs).

1.7.1.4.2 The Telestride must install sufficient equipment to support requested terminations/facilities.

1.7.1.4.3 In large central offices with complex cable runs (i.e., multiple floors), the Frontier may request to negotiate extensions to the forty-five (45) Business Day interval.

1.7.1.5 A preliminary schedule will be developed outlining major milestones. Telestride and Frontier control various interim milestones they must complete in order to meet the overall intervals. The interval clock will stop, and the final due date will be adjusted accordingly, for each milestone Telestride misses (day for day). When Frontier becomes aware of the possibility of vendor delays, Frontier will first contact Telestride to attempt to negotiate a new interval. If Frontier and Telestride cannot agree, the dispute will be submitted to the Commission for prompt resolution. Frontier and Telestride shall conduct additional joint planning meetings, as reasonably required, to ensure that all known issues are discussed and to address any that may impact the implementation process. Frontier will permit Telestride to schedule one escorted visit to Telestride's Collocation space during construction. The applicable labor rates in the Pricing Attachment will be applied for the escorted visit. In the case of extended intervals resulting from within Frontier's control or resulting from vendor delays, and provided the

necessary security is in place, Frontier will permit Telestride access to the Collocation arrangement to install equipment while the delayed work is completed, so long as it is safe to do so and Telestride's work does not impair or interfere with Frontier in completing Frontier's work. Prior to Telestride beginning the installation of its equipment, Telestride must sign a conditional acceptance of the Collocation arrangement. If Telestride elects to accept the space prior to the scheduled completion, occupancy fees shall commence upon signing a conditional acceptance of the space by Telestride.

1.7.1.6 Intervals for non-standard arrangements shall be mutually agreed upon by Telestride and Frontier.

1.7.1.7 Frontier will inform the Commission as soon as it knows it will require raw space conversion to fulfill a request based on an application or forecast. Raw space conversion timeframes are negotiated on an individual case basis based on negotiations with the site preparation vendor(s). Frontier will use its best efforts to minimize the additional time required to condition Collocation space, and will inform Telestride of the time estimates as soon as possible.

1.7.2 Forecasting and Use of Data.

1.7.2.1 Frontier will request forecasts from Telestride on a semi-annual basis, with each forecast covering a two-year period. Telestride will be required to update the near-term (6-month) forecasted application dates. Information requested will include central office, month applications are expected to be sent, requested in-service month, preference for virtual or physical (caged or cageless) Collocation, square footage required (physical), high-level list of equipment to be installed (virtual), and anticipated splitter arrangements where Telestride is eligible for line sharing/line splitting. For augments, Telestride may elect to substitute alternative CLLI codes within a LATA for the forecasted demand.

If Frontier has a written guarantee of reimbursement, it will examine forecasts for offices in which it is necessary to condition space, and discuss these forecasts with Telestride to determine the required space to be conditioned. If Frontier commits to condition space based on forecasts and if Telestride is assigned space, Telestride will give Frontier a non-refundable deposit equal to the application fee. Frontier will perform initial reviews of requested central offices forecasted for the next six months to identify potential problem sites. Frontier will consider forecasts in staffing decisions. Frontier will enter into planning discussions with Telestride to validate forecasts, discuss flexibility in potential trouble areas, and assist in application preparation.

1.7.2.2 Unforecasted demand (including augments) will be given a lesser priority than forecasted demand. Frontier will make every attempt to meet standard intervals for unforecasted requests. However, if unanticipated requests push demand beyond Frontier's capacity limits, Frontier will negotiate

longer intervals as required (and within reason). In general, if forecasts are received less than two (2) months prior to the application date, the interval start day may be postponed as follows:

1.7.2.2.1 No forecast: Interval Start Date commences two (2) months after application receipt date.

1.7.2.2.2 Forecast received one (1) month or less prior to application receipt date: Interval Start Date commences two (2) months after application receipt date.

1.7.2.2.3 Forecast received greater than one (1) month and less than two (2) months prior to application receipt date: Interval Start Date commences one (1) month after application receipt date.

1.7.2.2.4 Forecast received two (2) months or more prior to application receipt date: Interval Start Date commences on the application receipt date.

Any such interval adjustments will be discussed with Telestride at the time the application is received.

1.7.3 Collocation Capacity.

1.7.3.1 Frontier's estimate of its present capacity (i.e., no more than an increase of 15% over the average number of applications received for the preceding three months in a particular geographic area) is based on current staffing and current vendor arrangements. If the forecasts indicate spikes in demand, Frontier will attempt to smooth the demand via negotiations with the forecasting CLECs. If Frontier and Telestride fail to agree to smooth demand, Frontier will determine if additional expenditures would be required to satisfy the spikes in demand and will work with the Commission Staff to determine whether such additional expenditure is warranted and to evaluate cost recovery options.

1.7.3.2 If Frontier augments its workforce based on Telestride forecasts and if Telestride refuses to smooth demand as described in Section 1.7.3.1, Telestride will be held accountable for the accuracy of their forecasts.

1.7.4 Vendor Capacity. Frontier will continuously seek to improve vendor performance for all premises work, including Collocation. Since the vendors require notice in order to meet increases in demand, Frontier will share Telestride actual and forecasted demand with appropriate vendors, as required, subject to the appropriate confidentiality safeguards.

1.7.5 Responsibility for Vendor Delays. No party shall be excused from their obligations due to the acts or omissions of a Party's subcontractors, material, person, suppliers or other third persons

providing such products or services to such Party unless such acts or omissions are the product of a Force Majeure Event, or unless such delay or failure and the consequences thereof are beyond the reasonable control and without the fault or negligence of the Party claiming excusable delay or failure to perform.

1.7.6 Space Preparation.

1.7.6.1 Cage Construction. For caged Collocation, Telestride may construct the cage with a standard enclosure if they are a Frontier approved contractor or Telestride may subcontract this work to a Frontier approved contractor.

1.7.6.2 Site Selection/Power. Frontier shall designate the space within its premise where Telestride shall collocate its equipment. Frontier will assign Collocation space to Telestride in a just, reasonable, and nondiscriminatory manner. Frontier will allow Telestride requesting caged or cageless Collocation to submit space preferences on the Application Form prior to assigning caged and cageless Collocation space to Telestride. Frontier will assign caged and cageless space in accordance with the following standards: (1) Telestride's Collocation costs cannot be materially increased by the assignment; (2) Telestride's occupation and use of Frontier's premises cannot be materially delayed by the assignment; (3) The assignment cannot impair the quality of service or impose other limitations on the service Telestride wishes to offer; and (4) The assignment cannot reduce unreasonably the total space available for caged and cageless Collocation, or preclude unreasonably, caged and cageless Collocation within Frontier's premises.

Frontier may assign caged and cageless Collocation to space separate from space housing Frontier's equipment, provided that each of the following conditions is met: (1) Either legitimate security concerns, or operational constraints unrelated to Frontier's or any of its affiliates' or subsidiaries competitive concerns, warrant such separation; (2) Any caged and cageless Collocation space assigned to an affiliate or subsidiary of Frontier is separated from space housing Frontier's equipment; (3) The separated space will be available in the same time frame as, or a shorter time frame than, non-separated space; (4) The cost of the separated space to Telestride will not be materially higher than the cost of non-separated space; and (5) The separated space is comparable, from a technical and engineering standpoint, to non-separated space.

Where applicable, Frontier shall provide, at the rates set forth in the Pricing Attachment described in Section 1.9.1, 48V DC power with generator and/or battery back-up, heat, air conditioning and other environmental support to Telestride's equipment in the same standards and parameters required for Frontier equipment within that Frontier premise. Telestride may install AC convenience outlets and overhead lighting if Telestride is a Frontier

approved contractor, or this work may be subcontracted to a Frontier approved contractor.

1.7.6.3 DC Power. Frontier will provide DC power to the Collocation arrangement as specified by Telestride in its Collocation application. The Telestride will specify the load on each feed and the size of the fuse to be placed on each feed. Telestride must order a minimum of ten (10) load amps for each caged, cageless, and virtual Collocation arrangement. Telestride may order additional DC Power (beyond the minimum) in one (1) amp increments. Charges for DC power will be applied based on the total number of load amps ordered on each feed.

For example, if Telestride orders a total of 40 load amps of DC power and an A and B feed, Telestride could order 20 load amps on the A feed and 20 load amps on the B feed. Frontier will permit Telestride to order a fuse size up to 2.5 times the load amps ordered provided that applicable law permits this practice. Thus, Telestride could order that each feed be fused at 50 amps if Telestride wants one feed to carry the entire load in the event the other feed fails. Accordingly, Telestride will be charged on the basis of the total number of load amps ordered, i.e., 40 amps, and not based on the total number of amps available for the fuse size ordered.

1.7.6.4 Telestride is responsible for engineering the power consumption in its Collocation arrangements and therefore must consider any special circumstances in determining the fused capacity of each feed. Frontier will engineer the power feeds to the Collocation arrangement in accordance with industry standards based upon requirements ordered by Telestride in its Collocation application. Any subsequent orders to increase DC power load at a Collocation arrangement must be submitted on a Collocation application.

1.7.6.5 Frontier reserves the right to perform random inspections to verify the actual power load being drawn by a Collocation arrangement. At any time, without written notice, Frontier may measure the DC power drawn at an arrangement by monitoring Frontier's power distribution point. In those instances where Frontier needs access to the Collocation arrangement to make these measurements, Frontier will schedule a joint meeting with Telestride.

1.7.6.6 If the inspection reveals that the power being drawn does not exceed the total number of load amps ordered, no further action will apply.

1.7.6.7 If the inspection reveals that the power being drawn exceeds the total number of load amps ordered but is within the applicable buffer zone, as defined in Section 1.7.6.7.2, that arrangement is subject to the following treatment:

1.7.6.7.1 Frontier will provide Telestride with written notification, by certified US mail to the person designated by Telestride to receive such notice, that more power is being drawn than was ordered. Within ten (10) Business Days of the date of receipt of notification, Telestride must reduce the power being drawn to match its ordered load or revise its power requirement to accommodate the additional power being drawn. Frontier will accept a certification signed by a representative of Telestride that power consumption has been reduced to match the ordered load. Failure to reduce the power being drawn or submit a revised application within ten (10) Business Days will result in an increase in the amount of power being billed to the audited load amount.

1.7.6.7.2 For a Collocation arrangement that has 100 amps or less fused, the buffer zone for the first two violations during a consecutive twelve (12) month period will be 120% of load, as long as the second violation is not for the same Collocation arrangement as the first. For any subsequent violations, or if the second violation is for the same Collocation arrangement, and for any violation where the Collocation arrangement has more than 100 amps fused, the buffer zone will be 110% of load.

1.7.6.8 If the first inspection reveals that the power being drawn is greater than the applicable buffer zone specified in 1.7.6.7.2, that arrangement is subject to the following treatment:

1.7.6.8.1 Frontier will notify the person designated by Telestride to receive such notice via telephone or e-mail that Frontier will take a second measurement no sooner than one (1) hour and no later than two (2) days after the initial inspection. Frontier will not wait for Telestride or require it to be present during the second inspection.

1.7.6.8.2 Additional Labor charges, as set forth in the Pricing Attachment, apply for the cost associated with performing this inspection.

1.7.6.8.3 Telestride may perform its own inspection at Telestride's cage. Telestride is not required to wait for Frontier or require it to be present during Telestride test. Upon request of Telestride, Frontier will send a representative to accompany Telestride to conduct a joint inspection at Telestride cage at no charge to Telestride. Nothing herein shall be construed to prohibit Telestride from testing at its own cage.

Telestride will send the results of its own audit measurements to Frontier if they are taken in response to a notice of violation under this section and if Telestride's measurements differ from Frontier's.

1.7.6.8.4 If the second test also exceeds the applicable buffer zone, Frontier will provide Telestride with written notification, within ten (10) Business Days, by certified U.S. mail to the person designated by Telestride to receive such notice that it has exceeded its ordered power. The notification will include: (1) initials or identifying number of Frontier technician(s) who performed the inspection; (2) dates and times of the inspections; (3) the make, model and type of test equipment used; (4) the length of monitoring and the results of the specific audit; (5) the total load amps currently being billed; (6) how the test was done; and (7) any other relevant information or documents.

1.7.6.8.5 Frontier will maintain a file of results taken of any inspections for two (2) years and such file will be made available to Telestride that was audited, upon request. Frontier will treat as confidential information the identity of CLECs that it audits as well as the results of such audits, unless it receives prior written consent of the affected CLEC to disclose such information or is required by Applicable Law to disclose such information to a court or commission. The foregoing does not preclude Frontier from making the notice described in Section 1.7.6.8.6.

1.7.6.8.6 If Telestride disagrees with the results of the audit, Telestride will first notify Frontier. Frontier and Telestride will make a good faith effort to resolve the issue. If the parties do not resolve the issue, either party can invoke dispute resolution processes set forth in this Agreement. The dispute resolution process set forth in this Agreement can be initiated by either party after thirty (30) calendar days have elapsed. This period commences: (1) ten (10) Business Days from receipt of the notification, in the case of violation within the buffer zone; or (2) after Telestride has received notice of the second test, in the case of a violation over the buffer zone.

1.7.6.8.7 With the notification required by Section 1.7.6.8.4, Frontier will also notify Telestride that it must submit a non-scheduled attestation of the power being drawn at each of its remaining Collocation arrangements in the state.

Telestride must submit this non-scheduled attestation within fifteen (15) Business Days of the date of this notification. Failure to submit this non-scheduled attestation will result in the application of additional labor charges for any subsequent DC power inspections Frontier performs prior to receipt of the next scheduled attestation. Scheduled attestations are defined in Section 1.7.6.11.

1.7.6.9 If the inspection reveals that the power being drawn is greater than the applicable buffer zone set forth in Section 1.7.6.7.2, then Telestride shall pay Frontier for additional power, as well as make separate and additional payments to a charitable organization agreed upon by the parties ("Charity") in accordance with the following:

1.7.6.9.1 For the first such violation within the same consecutive twelve (12) month period, Telestride will be billed the audited load amount for four (4) months. Telestride will make a separate and additional payment to the Charity, measured as the difference between the billing of the fused capacity and the billing at the audited load for four (4) months. Telestride must send notice of its Charity payment to Frontier within ten (10) calendar days of making the payment.

1.7.6.9.2 For the second such violation within the same consecutive twelve (12) month period, Telestride will be billed the audited load amount for five (5) months. Telestride will make a separate and additional payment to the Charity, measured as the difference between the billing of the fused capacity and the billing at the audited load for five (5) months. Telestride must send notice of its Charity payment to Frontier within ten (10) calendar days of making the payment.

1.7.6.9.3 For the third such violation within the same consecutive twelve (12) month period, Telestride will be billed the audited load amount for six (6) months. Telestride will make a separate and additional payment to the Charity, measured as the difference between the billing of the fused capacity and the billing at the audited load for six (6) months. Telestride must send notice of its Charity payment to Frontier within ten (10) calendar days of making the payment.

1.7.6.9.4 For more than three (3) violations within the same consecutive twelve (12) month period, Frontier will bill Telestride at the fused amount for a minimum of six (6) months and continue to bill at the fused amount until an updated attestation or augment specifying revised power is received.

1.7.6.9.5 Frontier will notify Telestride that it is being billed pursuant to this Section 1.7.6.9, designating the applicable number of months and also calculating the payment owed to the Charity, under the provisions set forth preceding.

1.7.6.9.6 At the conclusion of any dispute resolution proceeding, the above payments will be self-executing.

1.7.6.10 If Telestride has requested a power augment under which the audited amount would be within the augmented load, plus the applicable buffer zone set forth in Section 1.3.6.7.2, and the augment is late due to the fault of Frontier, the payments specified in Section 1.7.6.9 will not be imposed and the parties will not count such an instance for purposes of implementing Section 1.7.6.9.5.

1.7.6.11 Annually, Telestride must submit a written statement signed by a responsible officer of Telestride, which attests that it is not exceeding the total load of power as ordered in its Collocation applications. This attestation, which must be received by Frontier no later than the last day of June, shall individually list all of Telestride's completed Collocation arrangements provided by Frontier in the state. If Telestride fails to submit this written statement by the last day in June, Frontier will notify Telestride in writing that it has thirty (30) calendar days to submit its power attestation. Failure to submit the required statement within the thirty (30) calendar day notice period will result in the billing of DC power at each Collocation arrangement to be increased to the total number of amps fused until such time as Frontier receives the required written statement by Telestride.

1.7.6.12 Whenever Frontier is required to perform work on a Collocation arrangement as a result of Telestride’s order for a reduction in power requirements (e.g., change in fuse size), Frontier will assess a non-recurring charge for the additional labor. The non-recurring charge applies for the first half hour (or fraction thereof) and for each additional half hour (or fraction thereof) per technician, per occurrence as shown in the Pricing Attachment.

1.7.6.13 If Telestride orders a change in the power configuration requiring new -48 volt DC power feeds to the Collocation arrangement, Frontier will require an engineering/major augment Fee with an application, as set forth in the Pricing Attachment, subject to the terms and conditions described in Section 0. In addition, if Telestride’s order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the engineering/major augment fee as set forth in the Pricing Attachment applies. Frontier will work cooperatively with Telestride to configure the new power distribution cables and disconnect the old ones.

1.7.7 Equipment and Facilities.

1.7.7.1 Purchase of Equipment. Telestride will be responsible for supply, purchase, delivery, installation and maintenance of its equipment and equipment bay(s) in the Collocation area. Frontier is not responsible for the design, engineering, or performance of Telestride's equipment and provided facilities for Collocation. Upon installation of all transmission and power cables for Collocation services, Telestride relinquishes all rights, title and ownership of transmission (excluding fiber entrance facility cable) and power cables to Frontier.

1.7.7.2 Permissible Equipment. Frontier shall permit the Collocation and use of any equipment necessary for interconnection or access to unbundled network elements in accordance with the following standards: (1) Equipment is necessary for interconnection if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude Telestride from obtaining interconnection with Frontier at a level equal in quality to that which Frontier obtains within its own network or Frontier provides to any of its affiliates, subsidiaries, or other parties; and (2) Equipment is necessary for access to an unbundled network element if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude Telestride from obtaining nondiscriminatory access to that unbundled network element, including any of its features, functions, or capabilities.

Multi-functional equipment shall be deemed necessary for interconnection or access to an unbundled network element if and only if the primary purpose and function of the equipment, as Telestride seeks to deploy it, meets either or both of the standards set forth in the preceding paragraph. For a piece of equipment to be utilized primarily to obtain equal in quality interconnection or nondiscriminatory access to one or more unbundled network elements, there also must be a logical nexus between the additional functions the equipment would perform and the telecommunication services Telestride seeks to provide to its customers by means of the interconnection or unbundled network element. The Collocation of those functions of the equipment that, as stand-alone functions, do not meet either of the standards set forth in the preceding paragraph must not cause the equipment to significantly increase the burden on Frontier's property.

Whenever Frontier objects to Collocation of equipment by Telestride for purposes within the scope of Section 251(c)(6) of the Act, Frontier shall prove to the state commission that the equipment is not necessary for interconnection or access to unbundled network elements under the standards set forth above.

Telestride may place in its caged Collocation space ancillary equipment such as cross connect frames, and metal

storage cabinets. Metal storage cabinets must meet Frontier premise environmental standards.

1.7.7.3 Specifications. Collocation facilities shall be placed, maintained, relocated or removed in accordance with the applicable requirements and specifications of the current editions of the National Electrical Code (NEC), the National Electrical Safety Code (NESC) and rules and regulations of the Occupational Safety and Health Act (OSHA), the Federal Communications Commission, the Commission, and any other governing authority having jurisdiction. All Telestride entrance facilities and splices must comply with Telecordia Technologies' Generic Specification for Optical Fiber and Optical Fiber Cable (TR-TSY-00020), Cable Placing Handbook, Cable Splicing Handbook, Cable Maintenance Handbook, and General Information Tools and Safety, as they relate to fire, safety, health, environmental safeguards or interference with Frontier services or facilities. Telestride designated and installed equipment located within Frontier premises must comply with the most recent issue, unless otherwise specified, of Telecordia Technologies' Network Equipment Building System (NEBS) Generic Equipment Requirements (GR-CORE-63) as it pertains to safety requirements. This equipment must also comply with the most current issue, unless otherwise specified, of Frontier's Network Equipment Installation Standards (Frontier Information Publication IP 72201) and Frontier's Central Office Engineering Standards (Frontier Information Publication IP 72013). Where a difference in specification may exist, the more stringent shall apply. If there is a conflict between industry standards and Frontier's technical specifications, Telestride and Frontier will make a good faith effort to resolve the difference. Telestride designated facilities shall not physically, electronically or inductively interfere with the facilities of Frontier, other CLEC(s), tenant(s) or any other party. If such interference occurs, Frontier may take action as permitted under Section 1.12.

Telestride equipment must conform to the same specific risk/safety/hazard standards which Frontier imposes on its own central office equipment as defined in Frontier's NEBS requirements RNSA-NEB-95-0003, Revision 10 or higher. Telestride equipment is not required to meet the same performance and reliability standards as Frontier imposes on its own equipment as defined in Frontier's RNSA-NEB-95-0003, Revision 10 or higher. In addition, Telestride may install equipment that has been deployed by Frontier for five (5) years or more with a proven safety record; however, this provision does not prohibit the installation of equipment less than five years old, provided the equipment meets the NEBS safety guidelines referenced in this section prior to the time of deployment. Frontier reserves the right to specify the type of cable, equipment and construction standards required in situations not otherwise covered in this Agreement. In such cases, Frontier will, at its

discretion, furnish to Telestride written material which will specify and explain the required construction.

1.7.7.4 Cable. Telestride is required to provide proper cabling, based on circuit type (VF, DS0, xDSL, DS1, DS3, etc.) to ensure adequate shielding and reduce the possibility of interference. Telestride is responsible for providing fire retardant riser cable that meets Frontier standards. Frontier is responsible for placing Telestride's fire retardant riser cable from the cable vault to the Collocation space. Frontier is responsible for installing Telestride provided fiber optic cable in the cable space or conduit from the first manhole to the premises. This may be shared conduit with dedicated inner duct. If Telestride provides its own fiber optic facility, then Telestride shall be responsible for bringing its fiber optic cable to the Frontier premise manhole. Telestride must leave sufficient cable length for Frontier to be able to fully extend such cable through to Telestride's Collocation space.

1.7.7.5 Manhole/Splicing Restrictions. Frontier reserves the right to prohibit all equipment and facilities, other than fiber optic cable, in its manholes. Telestride will not be permitted to splice fiber optic cable in the first manhole outside of the Frontier premise. Where Telestride is providing underground fiber optic cable in Manhole #1, it must be of sufficient length as specified by Frontier to be pulled through the Frontier premise to Telestride's Collocation space. Frontier is responsible for installing a cable splice, if necessary, where Telestride provided fiber optic cable meets Frontier standards within the Frontier premise cable vault or designated splicing chamber. Frontier will provide space and racking for the placement of an approved secured fire retardant splice enclosure.

1.7.7.6 Access Points and Restrictions. Points of interconnection and demarcation between Telestride's facilities and Frontier's facilities will be designated by Frontier. This point(s) will be a direct connection(s) to Telestride's network. Frontier shall have the right to require Telestride to terminate Collocation facilities onto a Point of Termination (POT) Bay. Telestride must tag all entrance facilities to indicate ownership. Telestride will not be allowed access to Frontier's DSX line-ups, MDF or any other Frontier facility termination points. Only Frontier employees, agents or contractors will be allowed access to the MDF, DSX, or fiber distribution panel to terminate facilities, test connectivity, run jumpers and/or hot patch in-service circuits.

1.7.7.7 Staging Area. For caged and cageless Collocation arrangements, Telestride shall have the right to use a designated staging area, a portion of the Frontier premise and loading areas, if available, on a temporary basis during Telestride's equipment installation work in the Collocation space. Telestride is responsible for protecting Frontier's equipment Frontier premise walls and flooring within the

staging area and along the staging route. Telestride will meet all Frontier fire, safety, security and environmental requirements. The temporary staging area will be vacated and delivered to Frontier in an acceptable condition upon completion of the installation work. Telestride may also utilize a staging trailer, which can be located on the exterior premises of Frontier premise. Frontier may assess Telestride a market value lease rate for the area occupied by the trailer.

1.7.7.8 Testing. Upon installation of Telestride's equipment, and with prior notice, Frontier and Telestride will mutually agree to schedule a meeting prior to the turn-up phase of the equipment to ensure proper functionality between Telestride's equipment and the connections to Frontier equipment. The time period for this to occur will correspond to Frontier's maintenance window installation requirements. It is solely the responsibility of Telestride to provide their own monitor and test points, if required, for connection directly to its terminal equipment. If Telestride cannot attend the scheduled turn-up phase meeting for any reason, Telestride must provide Frontier with seventy-two (72) hours advanced written notice prior to the scheduled meeting. If Telestride fails to attend the scheduled meeting without the advanced written notification, Frontier reserves the right to charge Telestride additional labor rates set forth in the Pricing Attachment for subsequent turn-up meetings with Telestride which are required to complete the turn-up phase of the Collocation arrangement.

1.7.7.9 Interconnection Between Collocated Spaces. Dedicated Transit Service (DTS), which allows for interconnection between Telestride and another CLEC, provides a dedicated electrical or optical path between Collocation arrangements (caged, cageless, and virtual) of the same or of two different CLECs within the same Frontier premises, using Frontier provided distribution facilities. DTS is available for DS0, DS1, DS3, and dark fiber cross connects. In addition, Frontier will also provide other technically feasible cross-connection arrangements, including lit fiber, on an Individual Case Basis (ICB) as requested by Telestride and agreed to by Frontier. Frontier will offer DTS to Telestride as long as such access is technically feasible.

DTS is only available when both Collocation arrangements (either caged, cageless, and/or virtual) being interconnected are within the same Frontier premises, provided that the collocated equipment is used for interconnection with Frontier and/or for access to the Frontier's unbundled network elements. Frontier shall provide such DTS connections from Telestride's Collocation arrangement to another Collocation arrangement of Telestride within the same Frontier premises, or to a Collocation arrangement of another CLEC in the same Frontier premises. DTS is provided at the same transmission level from Telestride to another CLEC.

The DTS arrangement requires Telestride to provide cable assignment information for itself as well as for the other CLEC. Frontier will not make cable assignments for DTS. Telestride is responsible for all DTS ordering, bill payment, disconnect orders and maintenance transactions and is the customer of record. When initiating a DTS request, Telestride must submit an Access Service Request (ASR) and a letter of agency from the CLEC it is connecting to that authorizes the DTS connection and facility assignment. DTS is provided on a negotiated interval with Telestride.

1.7.7.10 Optical Facility Terminations. If Telestride requests access to unbundled dark fiber interoffice facilities, Telestride may apply for a fiber optic patchcord connection(s) between Frontier's fiber distribution panel (FDP) and Telestride's collocated transmission equipment and facilities. The fiber optic patchcord cross connect is limited in use solely in conjunction with access to unbundled dark fiber and Dedicated Transit Service.

1.7.7.11 Non-Compliant Installations and Operations. If at any time Frontier reasonably determines that either Telestride's Collocation equipment or it's engineering and installation do not meet the requirements outlined in this Attachment, Telestride will be responsible for the costs associated with the removal of equipment or modification of the equipment or engineering and installation to render it compliant. If Telestride fails to correct any non-compliance with these standards within thirty (30) days' written notice to Telestride, Frontier may have the equipment removed or the condition corrected at Telestride expense. If, during the installation phase, Frontier reasonably determines that any Telestride designated equipment is unsafe, non-standard or in violation of any applicable fire, environmental, security, or other laws or regulations, Frontier has the right to immediately stop the work until the problem is corrected to Frontier's satisfaction. However, when any of the above conditions poses an immediate threat to the safety of Frontier employees, interferes with the performance of Frontier's service obligations, or poses an immediate threat to the physical integrity of the overhead superstructure or any other facilities of Frontier, Frontier may perform such work and/or take such action that Frontier deems necessary without prior notice to Telestride. The reasonable cost of said work and/or actions shall be borne by Telestride. Frontier reserves the right to remove products, facilities and equipment from its list of approved products upon ninety (90) days' notice to Telestride if such products, facilities and equipment are determined to be no longer compliant with NEBS safety standards. If Telestride equipment poses an immediate safety threat, Telestride shall remove the equipment immediately.

1.7.8 Access to Collocation Space. Frontier will permit Telestride's employees, agents, and contractors approved by Frontier to have direct access to Telestride's caged and cageless Collocation

equipment twenty-four (24) hours a day, seven (7) days a week and reasonable access to Frontier's restroom and parking facilities. Telestride's employees, agents, or contractors must comply with the policies and practices of Frontier pertaining to fire, safety, and security. Frontier reserves the right, with twenty-four (24) hours prior notice to Telestride, to access Telestride's collocated partitioned space to perform periodic inspections to ensure compliance with Frontier installation, safety and security practices. Where Telestride shares a common entrance to the Frontier premise with Frontier, the reasonable use of shared building facilities, e.g., elevators, unrestricted corridors, etc., will be permitted. However, Frontier reserves the right to permanently remove and/or deny access from Frontier premises, any Telestride employee, agent, or contractor who violates Frontier's policies, work rules, or business conduct standards, or otherwise poses a security risk to Frontier.

1.7.9 Network Outage, Damage and Reporting. Telestride shall be responsible for: (a) any damage or network outage occurring as a result of Telestride owned or Telestride designated termination equipment in Frontier premise; (b) providing trouble report status when requested; (c) providing a contact number that is readily accessible twenty-four (24) hours a day, seven (7) days a week; (d) notifying Frontier of significant outages which could impact or degrade Frontier's switches and services and provide estimated clearing time for restoral; and (e) testing its equipment to identify and clear a trouble report when the trouble has been sectionalized (isolated) to Telestride service.

Frontier will make every effort to contact Telestride in the event Telestride equipment disrupts the network. If Frontier is unable to make contact with Telestride, Frontier shall temporarily disconnect Telestride's service, as provided in Section 1.7.11.

1.7.10 Security Requirements.

1.7.10.1 Security Measures. Telestride agrees that its employees/vendors with access to Frontier premise shall at all times adhere to the rules of conduct established by Frontier for the Frontier premises and Frontier's personnel and vendors. Frontier reserves the right to make changes to such procedures and rules to preserve the integrity and operation of Frontier's network or facilities or to comply with applicable laws and regulations. Frontier will provide Telestride with written notice of such changes. Where applicable, Frontier will provide information to Telestride on the specific type of security training required so Telestride's employees can complete such training.

Telestride will maintain with Frontier a list of all Telestride employees who are currently authorized by Telestride to access its caged and cageless Collocation space and will include social security numbers of all such individuals. Telestride will also maintain with Frontier a list of its collocated-approved vendors and their social security numbers who request access to caged and cageless Collocation space. Only those individuals approved by Frontier will be allowed access to Frontier premises and

caged and cageless Collocation space. Where required by agencies of federal, state, or local government, only individuals that are U.S. citizens will be granted access. All Telestride personnel must obtain and prominently display a valid non-employee Frontier identification card. Former employees of Frontier will be given access to Frontier premises by Telestride in accordance with the Frontier's normal security procedures applicable to any Vendor(s) or Contractor(s) on Frontier's premises. Frontier reserves the right to revoke any identification badge and/or access card of any Telestride employee or agent found in violations of the terms and conditions set forth herein.

Telestride must follow Frontier's security guidelines, which are published on Frontier's web site. Frontier may suspend a Telestride employee or agent from Frontier's premises if his/her actions materially affect the safety and/or integrity of Frontier's network or the safety of Frontier or other Telestride employees/agents. Unless Telestride employee or agent poses an immediate threat to Frontier or other CLECs, Frontier will provide Telestride with a written explanation of violations committed by the Telestride employee or agent four (4) Business Days prior to suspending Telestride employee or agent from Frontier premises. Telestride will have two (2) Business Days to respond to Frontier's notification. Any such employee or agent may later be allowed readmission to Frontier premises on mutually agreeable terms. Nothing in this section, however, restricts Frontier's authority to bar the Telestride employee or agent from Frontier premises for violating Frontier's security guidelines.

1.7.10.2 Security Standards. Frontier will be solely responsible for determining the appropriate level of security in each Frontier premise. Frontier reserves the right to deny access to Frontier buildings and/or outside facility structures for any Telestride employee, agent or contractor who cannot meet Frontier's established security standards. Employees, agents or contractors of Telestride are required to meet the same security requirements and adhere to the same work rules that Frontier's employees and contractors are required to follow. Frontier also reserves the right to deny access to Frontier buildings and/or outside facility structures for Telestride's employee, agent and contractor for falsification of records, violation of fire, safety or security practices and policies or other just cause. Telestride employees, agents or contractors who meet Frontier's established security standards will be provided access to Telestride's caged and cageless Collocation equipment 24 hours a day, seven days a week and reasonable access to Frontier's restroom facilities. If Telestride employees, agents or contractors request and are granted access to other areas of Frontier's premises, a Frontier employee, agent or contractor may accompany and observe Telestride employee(s), agent(s) or contractor(s) at no cost to Telestride. Frontier may use reasonable security measures to protect its equipment,

including, for example, enclosing its equipment in its own cage or other separation, utilizing monitored card reader systems, digital security cameras, badges with computerized tracking systems, identification swipe cards, keyed access and/or logs, as deemed appropriate by Frontier.

Frontier may require Telestride employees and contractors to use a central or separate entrance to Frontier's premises, provided, however, that where Frontier requires that Telestride employees or contractors access collocated equipment only through a separate entrance, employees and contractors of Frontier's affiliates and subsidiaries will be subject to the same restriction.

Frontier may construct or require the construction of a separate entrance to access caged and cageless Collocation space, provided that each of the following conditions is met: (i) Construction of a separate entrance is technically feasible; (ii) Either legitimate security concerns, or operational constraints unrelated to the incumbent's or any of its affiliates' or subsidiaries competitive concerns, warrant such separation; (iii) Construction of a separate entrance will not artificially delay Collocation provisioning; and (iv) Construction of a separate entrance will not materially increase Telestride's Collocation costs.

1.7.10.3 Access Cards/Identification. Access cards or keys will be provided to no more than a reasonable number of individuals for Telestride for each Frontier premise for the purpose of installation, maintenance and repair of Telestride's caged and cageless Collocation equipment. All Telestride employees, agents and contractors requesting access to the Frontier premise are required to have a photo identification card, which identifies the person by name and the name of Telestride. The ID must be worn on the individual's exterior clothing while on or at Frontier premises. Frontier will provide Telestride with instructions and necessary access cards or keys to obtain access to Frontier premises. Telestride is required to immediately notify Frontier by the most expeditious means, when any Telestride's employee, agent or contractor with access privileges to Frontier premises is no longer in its employ, or when keys, access cards or other means of obtaining access to Frontier premises are lost, stolen or not returned by an employee, agent or contractor no longer in its employ. Telestride is responsible for the immediate retrieval and return to Frontier of all keys, access cards or other means of obtaining access to Frontier premises upon termination of employment of Telestride's employee and/or termination of service. Telestride shall be responsible for the replacement cost of keys, access cards or other means of obtaining access when lost, stolen or failure of Telestride or Telestride's employee, agent or contractor to return to Frontier.

1.7.11 Emergency Access. Telestride is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. Telestride will provide access to its Collocation space at all times to allow Frontier to react to emergencies, to maintain the building operating systems (where applicable and necessary) and to ensure compliance with OSHA/Frontier regulations and standards related to fire, safety, health and environment safeguards. Frontier will attempt to notify Telestride in advance of any such emergency access. If advance notification is not possible Frontier will provide notification of any such entry to Telestride as soon as possible following the entry, indicating the reasons for the entry and any actions taken which might impact Telestride's facilities or equipment and its ability to provide service. Frontier will restrict access to Telestride's Collocation space to persons necessary to handle such an emergency. The emergency provisioning and restoration of interconnection service shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority for such activities. Frontier reserves the right, without prior notice, to access Telestride's Collocation space in an emergency, such as fire or other unsafe conditions, or for purposes of averting any threat of harm imposed by Telestride or Telestride's equipment upon the operation of Frontier's or another CLEC's equipment, facilities and/or employees located outside Telestride's Collocation space. Frontier will notify Telestride as soon as possible when such an event has occurred. In case of a Frontier work stoppage, Telestride's employees, contractors or agents will comply with the emergency operation procedures established by Frontier. Such emergency procedures should not directly affect Telestride's access to its premises, or ability to provide service. Telestride will notify Frontier point of contact of any work stoppages by Telestride employees.

1.8 Space Requirements.

1.8.1 Space Availability. If Frontier is unable to accommodate caged and cageless Collocation requests at a Frontier premise due to space limitations or other technical reasons, Frontier will post a list of all such sites on its website and will update the list within ten (10) calendar days of the date at which a Frontier premise runs out of caged and cageless Collocation space. This information will be listed at the following public Internet URL: http://www.frontier.com. Where Frontier has denied caged and cageless Collocation requests at a Frontier premise due to space limitations or other technical reasons, Frontier shall: (a) submit to the state commission, subject to any protective order as the state may deem necessary, detailed floor plans or diagrams of the Frontier premise which show what space, if any, Frontier or any of its affiliates has reserved for future use; and describe in detail, the specific future uses for which the space has been reserved and the length of time for each reservation; and (b) allow Telestride to tour the entire premises of the Frontier premise, without charge, within ten (10) calendar days of the tour request.

1.8.2 Minimum/Maximum/Additional Space. The standard sizes of caged Collocation space will be increments of 100 square feet unless mutually agreed to otherwise by Frontier and Telestride. The minimum amount of floor space available to Telestride at the time of

the initial application will be twenty-five (25) square feet of caged Collocation space or one (1) single bay in the case of cageless Collocation. The maximum amount of space available in a specific Frontier premise to Telestride will be limited to the amount of existing suitable space which is technically feasible to support the Collocation arrangement requested. Existing suitable space is defined as available space in a Frontier premise that does not require the addition of AC/DC power, heat and air conditioning, battery and/or generator back-up power and other requirements necessary for provisioning Collocation services. Additional space to provide for caged, cageless will be provided on a per request basis, where available. Additional space can be requested by Telestride by completing and submitting a new application form and the applicable non-refundable engineering fee set forth in the Pricing Attachment. Frontier will not be required to lease additional space when available space has been exhausted.

1.8.3 Use of Space. Frontier and Telestride will work cooperatively to determine proper space requirements, and efficient use of space. In addition to other applicable requirements set forth in this Agreement, Telestride shall install all its equipment within its designated area in contiguous line-ups in order to optimize the utilization of space within Frontier's premises. Telestride shall use the Collocation space solely for the purposes of installing, maintaining and operating Telestride's equipment to interconnect for the exchange of traffic with Frontier and/or for purposes of accessing UNEs. Telestride shall not construct improvements or make alterations or repairs to the Collocation space without the prior written approval of Frontier. The Collocation space may not be used for administrative purposes and may not be used as Telestride's employee(s) work location, office or retail space, or storage. The Collocation space shall not be used as Telestride's mailing or shipping address.

1.8.4 Reservation of Space. Frontier reserves the right to manage its Frontier premise conduit requirements and to reserve vacant space for planned facility. Frontier will retain and reserve a limited amount of vacant floor space within its Frontier premises for its own specific future uses on terms no more favorable than applicable to other CLECs seeking to reserve Collocation space for their own future use. If the remaining vacant floor space within a Frontier premise is reserved for Frontier's own specific future use, the Frontier premise will be exempt from future caged and cageless Collocation requests. Telestride shall not be permitted to reserve Frontier premise cable space or conduit system. If new conduit is required, Frontier will negotiate with Telestride to determine an alternative arrangement for the specific location. Telestride will be allowed to reserve Collocation space for its caged/cageless arrangements based on Telestrides documented forecast provided Frontier and subject to space availability. Such forecast must demonstrate a legitimate need to reserve the space for use on terms no more favorable than applicable to Frontier seeking to reserve vacant space for its own specific use. Cageless Collocation bays may not be used solely for the purpose of storing Telestride equipment.

1.8.5 Collocation Space Report. Upon request by Telestride and upon Telestride signing a Collocation nondisclosure agreement, Frontier

will make available a Collocation space report with the following information for the Frontier premise requested:

1.8.5.1 Detailed description and amount of caged and cageless Collocation space available;

1.8.5.2 Number of telecommunications carriers with existing Collocation arrangements;

1.8.5.3 Modifications of the use of space since the last Collocation space report requested; and,

1.8.5.4 Measures being taken, if any, to make additional Collocation spaces available.

The Collocation space report is not required prior to the submission of a Collocation application for a specific Frontier premise in order to determine Collocation space availability for the Frontier premise. The Collocation space report will be provided to Telestride within ten (10) calendar days of the request provided the request is submitted during the ordinary course of business. A Collocation space report fee contained in the Pricing Attachment will be assessed per request and per Frontier premise.

1.8.6 Reclamation. When initiating an application form, Telestride must have started installing equipment approved for Collocation at Frontier premise within a reasonable period of time, not to exceed sixty (60) calendar days from the date Telestride accepts the Collocation arrangement. If Telestride does not utilize its Collocation space within the established time period, and has not met the space reservation requirements of Section 1.8.4 to the extent applicable, Frontier may reclaim the unused Collocation space to accommodate another CLEC's request or Frontier's future space requirements. Frontier shall have the right, for good cause shown, and upon sixty (60) calendar days' notice, to reclaim any Collocation space, cable space or conduit space in order to fulfill its obligation under public service law and its Tariffs to provide telecommunication services to its Customers. In such cases, Frontier will reimburse Telestride for reasonable direct costs and expenses in connection with such reclamation. Frontier will make every reasonable effort to find other alternatives before attempting to reclaim any such space. Telestride may seek Commission relief from reclamation within ten (10) Business Days of being notified.

1.9 Pricing.

1.9.1 Rate Sheet. The rates for Frontier's Collocation services provided pursuant to this Agreement are set forth in the Pricing Attachment only to the extent that there are no corresponding rates in an applicable Frontier Collocation Tariff that has been filed with the Commission and become effective. If there is a Frontier Collocation Tariff that has been filed with the Commission and becomes effective, the rates in such Tariff shall apply and the rates set forth in the Pricing Attachment shall not apply.

1.9.2 Subsequent to the execution of this Agreement, Frontier also may elect to file a Collocation Tariff with the Commission with provisions

addressing any of the rates specified in this Agreement. Any such Tariff, when it becomes effective, shall supersede and replace the corresponding rates set forth in the Pricing Attachment and such rates specified in the Pricing Attachment shall cease to be effective. Notwithstanding anything in this Agreement to the contrary, the rates identified in this Collocation Attachment also may be superseded prospectively by rates contained in future final, binding and non-appealable regulatory orders or as otherwise required by legal requirements.

1.9.3 Billing and Payment. The initial payment of NRCs shall be due and payable in accordance with Section 1.7.1. The balance of the NRCs and all related monthly recurring service charges will be billed to Telestride when Frontier provides Telestride access to the caged or cageless Collocation arrangement or completes installation of the virtual Collocation arrangement and shall be payable in accordance with applicable established payment deadlines.

1.10 Liability and Indemnification.

In addition to their other respective indemnification and liability obligations set forth in this Agreement, each party shall meet the following obligations. To the extent that this provision conflicts with any other provision in this Agreement, this provision shall control. The fact that a provision appears in another part of the Agreement but not in this Attachment, or in this Attachment and not in another part of the Agreement, shall not be interpreted as, or deemed grounds for finding, a conflict.

1.10.1 No liability shall attach to Frontier for damages arising from errors, mistakes, omissions, interruptions, or delays of Frontier, its agents, servants or employees, in the course of establishing, furnishing, rearranging, moving, terminating, or changing the service or facilities (including the obtaining or furnishing of information in respect thereof or with respect to the subscribers or users of the service or facilities) in the absence of gross negligence or willful misconduct. Subject to the preceding and to the provisions following, with respect to any claim or suit, by Telestride or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, Frontier's liability, if any, shall not exceed an amount equal to the proportionate charge for the service by Frontier for the service for the period during which service was affected.

1.10.2 Frontier shall not be liable for any act or omission of any other party furnishing a portion of service used in connection with the services herein.

1.10.3 Frontier is not liable for damages to Telestride premises resulting from the furnishing of service, including the installation and removal of equipment and associated wiring, unless the damage is caused by Frontier's gross negligence or willful misconduct.

1.10.4 Frontier shall be indemnified, defended and held harmless by Telestride and/or its end user against any claim, loss or damage arising from the use of services offered under this Attachment, involving:

1.10.4.1 All claims, including but not limited to injuries to persons or property from voltages or currents, arising out of any act or omission of Telestride or its end user in connection with facilities provided by Frontier, Telestride, or the end user; or

1.10.4.2 Frontier shall not be liable to Telestride or its customers in connection with the provision or use of the services provided under this Attachment for indirect, incidental, consequential, reliance or special damages, including (without limitation) damages for lost profits, regardless of the form of action, whether in contract, indemnity, warranty, strict liability, or tort, including (without limitation) negligence of any kind, even if Frontier has been advised of the possibility of such loss or damage.

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

1.10.6 No license under patents (other than the limited license to use) is granted by Frontier or shall be implied or arise by estoppel, with respect to any service offered under this Attachment.

1.10.7 Frontier's failure to provide or maintain services under this Attachment shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against Frontier, acts of God and other circumstances beyond Frontier's reasonable control.

1.10.8 Frontier shall not be liable for any act or omission of any other entity furnishing to Telestride facilities, equipment, or services used in conjunction with the services provided under this Attachment. Nor shall Frontier be liable for any damages or losses due to unauthorized use of the services or the failure or negligence of Telestride or Telestride end user, or due to the failure of equipment, facilities, or services provided by Telestride or its end user.

1.10.9 Neither party shall be liable to the other or to any third party for any physical damage to each other's facilities or equipment within the central office, unless caused by the gross negligence or willful misconduct of the party's agents or employees.

1.10.10 Telestride shall indemnify, defend and save harmless Frontier from and against any and all losses, claims, demands, causes of action and costs, including attorney's fees, whether suffered, made, instituted or asserted by Telestride or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees' disability and death benefits, which may arise out of or be caused by the installation, maintenance, repair, replacement, presence, use or removal of Telestride's equipment or facilities or by their proximity to the equipment or facilities or all parties occupying space within or on the exterior of Frontier's central office(s), or by any act or omission of Frontier, its employees, agents, former or striking employees, or contractors, in connection therewith, unless

caused by gross negligence or willful misconduct on the part of Frontier. These provisions shall survive the termination, cancellation, modification or rescission of the Agreement for at least 18 months from the date of the termination.

Frontier shall indemnify, defend and save harmless Telestride from and against any and all losses, claims, demands, causes of action and costs, including attorneys' fees, whether suffered, made, instituted or asserted by Frontier or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees' disability and death benefits, which may arise out of or be caused by Frontier's provision of service within or on the exterior of the central office of by an act or omission of Telestride, its employees, agents, former or striking employees, or contractors, in connection therewith, unless caused by gross negligence or willful misconduct on the part of Telestride.

1.10.11 Telestride shall indemnify, defend and save harmless Frontier from and against any and all losses, claims, demands, causes of action, damages and costs, including but not limited to attorney's fees and damages costs, and expense of relocating conduit systems resulting from loss of right-of-way or property owner consents, which may arise out of or be caused by the presence, in, or the occupancy of the central office by Telestride, and/or acts by Telestride, its employees, agents or contractors.

1.10.12 Telestride shall indemnify, defend, and hold harmless Frontier, its directors, officers and employees, servants, agents, affiliates and parent, from and against any and all claims, cost, expense or liability of any kind, including but not limited to reasonable attorney's fees, arising out of or relating to Telestride installation and operation of its facilities or equipment within the multiplexing node, roof space and transmitter space.

1.10.13 Telestride represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. Telestride shall indemnify, defend, and hold harmless Frontier, its directors, officers and employees, servants, agents, affiliates and parent, from and against any and all claims, cost, expense or liability of any kind including but not limited to fines or penalties arising out of any breach of the foregoing by Telestride, its directors, officers, employees, servants, agents, affiliates and parent. These provisions shall survive the termination, cancellation, modification or rescission of the Agreement for at least 18 months from the date of the termination.

1.10.14 Frontier represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, in connection with its provision of service within or on the exterior of the central office, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. Frontier shall indemnify, defend, and hold harmless Telestride, its directors, officers, employees, agents or contractors, from and against any and all claims, cost, expense or liability of any kind including but not limited to fines or penalties arising out of any breach of the foregoing

by Frontier, its directors, officers and employees, servants, agents, affiliates and parent.

1.10.15 Frontier and Telestride shall each be responsible for all persons under their control or aegis working in compliance herewith, satisfactorily, and in harmony with all others working in or on the exterior of the central office and, as appropriate, cable space.

1.11 Casualty.

1.11.1 If the Collocation equipment location or any part thereof is damaged by fire or other casualty, Telestride shall give immediate notice thereof to Frontier. The terms and conditions of this Attachment shall remain in full force and effect with the following modifications:

1.11.1.1 If the Collocation equipment location or any part thereof is partially damaged or rendered partially unusable by fire or other casualty caused by Frontier, the damages thereto shall be repaired by and at the expense of Frontier. Non-recurring and monthly recurring charges, until such repair is substantially completed, shall be apportioned from the day following the casualty according to the part of the Collocation equipment location which is usable. Frontier reserves the right to elect not to restore the Collocation equipment location under the conditions specified in 1.12.2. If Frontier elects to restore the Collocation equipment location, Frontier shall inform Telestride of its plans to repair/restore the Collocation equipment location as soon as it is practicable and will work in good faith to restore service to Telestride as soon as possible. Frontier shall make repairs and restorations with all reasonable expedition subject to delays due to adjustment of insurance claims, labor troubles and causes beyond Frontier's reasonable control.

1.11.1.2 If the Collocation equipment location or any part thereof is totally damaged or rendered wholly unusable by fire or other casualty caused by Frontier, then applicable non-recurring and monthly recurring charges shall be proportionately paid up to the time of the casualty and thenceforth shall cease until the date when the Collocation equipment location shall have been repaired and restored by Frontier. Frontier reserves the right to elect not to restore the Collocation equipment location under the conditions specified in 1.8.2. If Frontier elects to restore the Collocation equipment location, Frontier shall inform Telestride of its plans to repair/restore the Collocation equipment location as soon as it is practicable and will work in good faith to restore service to Telestride as soon as possible. Frontier shall make repairs and restorations with all reasonable expedition subject to delays due to adjustment of insurance claims, labor troubles and causes beyond Frontier's reasonable control.

1.11.1.3 If the Collocation equipment location or any part thereof is partially damaged or rendered partially unusable by fire or other casualty through no fault of Frontier or Telestride, then

the applicable non-recurring and monthly recurring charges shall be proportionately paid up to the time of the casualty and thenceforth shall cease until the date when the Collocation equipment location shall have been repaired and restored. Any repair or restoration work undertaken by Telestride in its Collocation arrangement must be done by a Frontier-approved contractor and must be approved in advance by Frontier. Frontier reserves the right to discontinue Telestride's Collocation equipment location or any part thereof under the conditions specified in 1.12.2.

1.11.1.4 If the Collocation equipment location or any part thereof is totally damaged, rendered wholly unusable, partially damaged or rendered partially unusable by fire or other casualty caused by Telestride, the liability and indemnification provisions of this Attachment shall apply and Frontier may terminate Telestride Collocation arrangement immediately.

1.11.2 If the Collocation equipment location or any part thereof is rendered wholly unusable through no fault of Telestride, or (whether or not the demised premises are damaged in whole or in part) if the building shall be so damaged that Frontier shall decide to demolish it or to rebuild it, then, in any of such events, Frontier may elect to discontinue Telestride Collocation equipment location or any part thereof. In this event, Frontier will provide Telestride with written notification within ninety (90) days after such fire or casualty specifying a date for discontinuance. The date of discontinuance shall not be more than sixty (60) days after the issuance of such notice to Telestride. Telestride must vacate the premises by the date specified in the notice. Frontier's rights against Telestride under this Attachment prior to such discontinuance and any applicable non-recurring and monthly recurring charges owing shall be paid up to the date of discontinuance. Any payments of monthly recurring charges made by Telestride, which were on account of any period subsequent to such date shall be returned to Telestride.

1.11.3 After any such casualty and upon request by Frontier, Telestride shall remove from the Collocation equipment location and other associated space, as promptly as reasonably possible, all of Telestride salvageable inventory and movable equipment, furniture and other property.

1.11.4 In the event non-recurring and/or recurring charges were suspended pursuant to 1.12.1, Telestride liability for applicable non-recurring and monthly recurring charges shall resume either upon occupancy by Telestride or thirty (30) days after written notice from Frontier that the Collocation equipment location or any part thereof is restored to a condition comparable to that existing prior to such casualty, which ever comes first.

1.11.5 Nothing contained in these provisions shall relieve Telestride from liability that may exist as a result of damage from fire or other casualty.

1.11.6 Each party shall look first to any insurance in its favor before making any claim against the other party for recovery for loss or damage

resulting from fire or other casualty, and to the extent that such insurance is in full force and collectible and to the extent permitted by law, Frontier and Telestride each will release and waive all right of recovery against the other or any one claiming through or under each of them by way of subrogation or otherwise. The release and waiver shall be in force only if both releasers' insurance policies contain a clause providing that such release or waiver shall not invalidate the insurance and also, provided that such a policy can be obtained without additional premiums.

1.11.7 Frontier will not carry insurance on the Telestride furniture and/or furnishings or any fixtures or equipment, improvements, or appurtenances removable by Telestride and therefore will not be obligated to repair any damage thereto or be obligated to replace the same.

1.12 Implementation and Termination of Service.

1.12.1 Implementation of Collocation Charges. Frontier shall provide Telestride with a notice ("Scheduled Completion Notice") indicating the scheduled completion date ("Scheduled Completion Date") for the Collocation arrangement. Frontier shall also provide a notice that will remind Telestride of the Scheduled Completion Date and will request Telestride to schedule and attend a "Collocation Acceptance Meeting" ("CAM"). Collocation charges will be implemented in accordance with this section regardless of the readiness of Telestride to utilize the completed Collocation arrangement.

1.12.1.1 Collection of Non-Recurring Charges. The initial payment of non-recurring charges (NRCs) shall be due and payable in accordance with Section 1.3.3. Telestride shall pay the balance of the NRCs ("NRC Balance") upon Telestride acceptance of the Collocation arrangement or thirty (30) calendar days after the Collocation arrangement is completed, whichever comes first.

1.12.1.2 Commencement of Recurring Charges. Monthly recurring charges will commence upon CLEC acceptance of the Collocation arrangement or thirty (30) calendar days after the Collocation arrangement is completed, whichever comes first ("Commencement Date"), and shall continue until terminated pursuant to Section 1.12).

1.12.1.3 Extension Request. A CLEC may request to extend or delay the Scheduled Completion Date of a Collocation arrangement for up to six (6) months. A CLEC electing to extend the Scheduled Completion Date of a Collocation arrangement must notify Frontier in writing ("Extension Notice") within thirty (30) calendar days after receiving the Scheduled Completion Notice. In order for Frontier to delay billing of monthly recurring charges for the applicable Collocation arrangement, Telestride must remit the NRC Balance to Frontier for the Collocation arrangement with the Extension Notice. Monthly recurring charges will not be billed by Frontier until the space for the Collocation arrangement is accepted by Telestride or the six (6) month extension period has expired, whichever comes first. At any

time during or after the extension period, if Telestride terminates its Collocation arrangement, the termination shall be governed by Section 1.12.4.

If Frontier ascertains the space for the Collocation arrangement is needed to satisfy another CLEC's Collocation request prior to the end of the six (6) month extension period, Frontier will notify Telestride that its Collocation space has been requested by another CLEC. Telestride will have up to five (5) Business Days after the notification to retain the Collocation space by notifying Frontier in writing that it desires to keep the space ("Retention Notice"). If Telestride retains the Collocation space, monthly recurring charges shall commence for Telestride thirty (30) calendar days after Telestride sends the Retention Notice or when Telestride accepts the space, whichever comes first.

1.12.2 Grounds for Termination by Frontier. Failure by Telestride to comply with the terms and conditions of this Attachment, including nonpayment of rates and charges, may result in termination of Collocation service. In addition to the other grounds for termination of Collocation services set forth herein, Frontier reserves the right to terminate such services upon thirty (30) calendar days notice in the event Telestride: (a) is not in conformance with provisions of this Attachment or other Company standards and requirements; and/or (b) imposes continued disruption and threat of harm to Company employees and/or network, or Frontier's ability to provide service to other CLECs.

Frontier also reserves the right to terminate such services, without prior notice, in the event Telestride's Collocation arrangement imposes emergency conditions, such as fire or other unsafe conditions, upon the operation of Frontier's equipment and facilities or to Company employees located outside Telestride's Collocation space.

Frontier reserves the right to inspect Telestride's Collocation arrangement to determine if sufficient DC Power and/or facility terminations are being used to maintain interconnection and/or access to unbundled network elements. If Frontier determines that the Collocation arrangement is not being used for interconnection and/or access to unbundled network elements (from, for example, insufficient DC Power and/or facility terminations), Frontier reserves the right to terminate Telestride's Collocation service upon thirty (30) calendar days notice.

If Frontier elects to terminate a Collocation arrangement pursuant to this section, the termination shall be governed by Section 1.12.4.

1.12.3 Termination by CLEC. Telestride must notify Frontier in writing of its plans to terminate a Collocation arrangement ("CLEC Termination Notice"), and such Telestride termination shall be governed by this Section.

1.12.3.1 Termination After Completion. If Telestride elects to terminate an existing Collocation arrangement after a

Collocation arrangement has been completed, the termination will be effective thirty (30) calendar days after Frontier's receipt of Telestride Termination Notice. If CLEC terminates a Collocation arrangement under this section, the termination shall be governed by Section 1.12.4 and Telestride remains responsible to pay any unpaid NRCs associated with the terminated arrangement as set forth in Section 1.12.1. If the Collocation arrangement being terminated contains equipment in which a third party maintains an ownership or a security interest, Telestride shall include a list of any such owners and secured parties in Telestride Termination Notice.

1.12.3.2 Termination Prior to Completion. If Telestride elects to terminate a request for Collocation when construction is in progress and prior to completion of the Collocation arrangement, the termination will be effective upon Frontier's receipt of Telestride Termination Notice. For all non-recurring charges associated with providing the Collocation arrangement, Telestride will be billed and is responsible for payment of non-recurring charges in accordance with the following (for the purposes of this section, the number of "Days" refers to Business Days measured from Frontier's receipt of a complete application from Telestride):

1.12.3.2.1 Effective date of Telestride termination on or between Days 1 to 15, Telestride owes 20% of non-recurring charges.

1.12.3.2.2 Effective date of Telestride termination on or between Days 16 to 30, Telestride owes 40% of non-recurring charges.

1.12.3.2.3 Effective date of Telestride termination on or between Days 31 to 45, Telestride owes 60% of non-recurring charges.

1.12.3.2.4 Effective date of Telestride termination on or between Days 46 to 60, Telestride owes 80% of non-recurring charges.

1.12.3.2.5 Effective date of Telestride termination after Day 60, Telestride owes 100% of non-recurring charges.

If after applying these percentages to NRCs already paid by Telestride, any refunds are due Telestride, such refunds shall be applied first as a credit to any accounts with balances owed by Telestride to Frontier, with any remaining refund amount issued to Telestride. Engineering/major augment fees submitted with the application will not be refunded. Telestride Termination Notice must be received by Frontier prior to the Scheduled Completion Date to avoid incurring any monthly recurring charges.

1.12.4 Effects of Termination. If Frontier or Telestride terminates a Collocation arrangement under the terms and conditions of this Attachment, the following provisions shall apply:

1.12.4.1 Equipment Removal and Monthly Recurring Charges. Telestride shall disconnect and remove its equipment from the designated Collocation space by the effective date of the termination. Upon removal by Telestride of all its equipment from the Collocation space, if Telestride does not restore the Collocation space to its original condition at time of occupancy, Telestride will reimburse Frontier for the cost to do so. Due to physical and technical constraints, removal of Telestride entrance facility cable will be at Frontier's option. Telestride shall reimburse Frontier for all costs Frontier incurs to decommission DC Power and transmission cable terminations previously applied for by Telestride. Frontier reserves the right to remove Telestride's equipment if Telestride fails to remove and dispose of the equipment by the effective date of the termination. Telestride will be charged the appropriate additional labor charge in the Pricing Attachment for the removal and disposal of such equipment. All monthly recurring charges will continue to be charged to Telestride until the effective date of the termination or, at Frontier discretion, until any later date up to the date that all equipment is removed and the Collocation space is restored to its original condition at space turnover.

1.12.4.2 Refund of Non-Recurring Charges. If Frontier or Telestride has terminated a Collocation arrangement pursuant to Sections 1.12.2 and 1.12.3 and Telestride ("original CLEC") has paid a non-recurring charge(s) for an asset in a Collocation arrangement, and is succeeded by another CLEC who uses the same asset ("subsequent CLEC"), Telestride will receive a refund from Frontier for the remaining undepreciated amount of the asset upon occupancy by the subsequent CLEC up to the applicable non-recurring charges paid by the subsequent CLEC. If Frontier uses an asset for which Telestride paid a non-recurring charge, Frontier will make a pro rata refund of such paid non-recurring charges to Telestride. For purposes of calculating prorated refunds to Telestride, Frontier will use the economic life of the asset. Any refunds issued pursuant to this section shall be applied first as a credit to any accounts with balances owed by Telestride to Frontier, and any remaining refund amount will be issued to Telestride. Engineering/major augment fees submitted with the application and any other paid non-recurring charges not associated with the asset will not be refunded.

1.12.5 Closure, Decommissioning or Sale of Premises. Collocation arrangements will automatically terminate if the premise in which the Collocation space is located is closed, decommissioned or sold and no longer houses Frontier's network facilities. At least one hundred eighty (180) days written notice will be given to Telestride of events which may lead to the automatic termination of any such arrangement

pursuant to the terms and conditions of this Attachment, except when extraordinary circumstances require a shorter interval. In such cases, Frontier will provide notice to Telestride as soon as practicable. Frontier will work with Telestride to identify alternate Collocation arrangements. Frontier will work cooperatively with Telestride to minimize any potential for service interruption resulting from such actions.

1.12.6 Miscellaneous. Frontier retains ownership of Frontier premise floor space, adjacent land and equipment used to provide all forms of Collocation. Frontier reserves for itself and its successors and assignees, the right to utilize the Frontier premises' space in such a manner as will best enable it to fulfill Frontier's service requirements. Telestride does not receive, as a result of entering into a Collocation arrangement hereunder, any right, title or interest in Frontier's premise facility, the multiplexing node, multiplexing node enclosure, cable, cable space, cable racking, vault space or conduit space other than as expressly provided herein. To the extent that Telestride requires use of a Frontier local exchange line, Telestride must order a business local exchange access line (B1). Telestride may not use Frontier official lines.

911 ATTACHMENT

1. 911/E-911 Arrangements

1.1 911/E-911 arrangements provide a caller access to the appropriate PSAP by dialing a 3-digit universal telephone number “911”. Frontier provides and maintains such equipment and software at the 911/E-911 Tandem Office(s)/Selective Router(s), Frontier interface point(s) and ALI Database as is necessary for 911/E-911 Calls in areas where Frontier is the designated 911/E-911 Service Provider.

1.2 Frontier shall make the following information available to Telestride, to the extent permitted by Applicable Law. Such information is provided at the Frontier Communications website (formerly referred to as the Frontier wholesale website):

1.2.1 a listing of the CLLI code (and SS7 point code when applicable) of each 911/E-911 Tandem Office(s)/Selective Router(s) and associated geographic location served for areas where Frontier is the designated 911/E-911 Service Provider;

1.2.2 a listing of appropriate Frontier contact telephone numbers and organizations that currently have responsibility for operations and support of Frontier’s 911/E-911 network and ALI Database systems; and

1.2.3 where Frontier maintains a Master Street Address Guide (MSAG) on behalf of the Controlling 911 Authority, Frontier shall provide to Telestride a complete copy of such MSAG annually upon written request for each county within the LATA(s) in the State of Ohio, where Telestride is providing Telephone Exchange Service, provided that Frontier is permitted to do so by Controlling 911 Authority.

2. ALI Database

2.1 Where Frontier manages the ALI Database, information regarding the ALI Database is provided electronically at the Frontier Communications website.

2.2 Where Frontier manages the ALI Database, Frontier shall:

2.2.1 store Telestride end user data provided by Telestride in the ALI Database;

2.2.2 provide Telestride access to the ALI Database for the initial loading and updating of Telestride end user records in accordance with information contained in the Frontier website (formerly referred to as the Frontier wholesale website); and

2.2.3 provide Telestride an error and status report based on updates to the ALI Database received from Telestride.

2.3 Where Frontier manages the ALI Database, Telestride shall:

2.3.1 provide MSAG valid E-911 data for each of its end users for the initial loading of, and any and all updates to the ALI database;

2.3.2 utilize the appropriate Frontier electronic interface to update E-911 data in the ALI Database related its end users (and all such database

information in the ALI Database shall conform to Frontier standards, which are provided at the Frontier website (formerly referred to as the Frontier wholesale website));

2.3.3 use its company ID on all end user records in accordance with NENA standards;

2.3.4 correct any errors that occur during the entry of E-911 data in the ALI Database; and

2.3.5 enter E-911 data into the ALI Database in accordance with NENA standards for LNP. This includes, but is not limited to, using Telestride's NENA ID to lock and unlock records and the posting of the Telestride NENA ID to the ALI Database record where such locking and unlocking feature for E-911 records is available, or as defined by local standards. Telestride is required to promptly unlock and migrate its E-911 records in accordance with NENA standards. In the event that Telestride discontinues providing Telephone Exchange Service to any of its end users, it shall ensure that its E-911 records for such end users are unlocked in accordance with NENA standards.

2.4 In the event Telestride uses an Agent to input its end user's E-911 data to the ALI Database through the appropriate Frontier electronic interface, Telestride shall provide a Letter of Authorization, in a form acceptable to Frontier, identifying and authorizing its Agent.

3. 911/E-911 Interconnection

3.1 Telestride may, in accordance with Applicable Law, interconnect to the Frontier 911/E-911 Tandem Office(s)/Selective Router(s) or Frontier interface point(s). Frontier shall designate interface point(s), e.g., digital cross connect systems (DCS), where Telestride may interconnect with Frontier for the transmission and routing of 911/E-911 Calls to all subtending PSAPs that serve the areas in which Telestride provides Telephone Exchange Services.

3.2 In order to interconnect with Frontier for the transmission and routing of 911/E-911 Calls, Telestride shall:

3.2.1 interconnect with each Frontier 911/E-911 Tandem Office/Selective Router or Frontier interface point that serves the exchange areas in which Telestride is authorized to and will provide Telephone Exchange Service;

3.2.2 provide a minimum of two (2) one-way outgoing 911/E-911 trunks over diversely routed facilities that are dedicated for originating 911/E-911 Calls from the Telestride switch to each designated Frontier 911/E-911 Tandem Office/Selective Router or Frontier interface point, using SS7 signaling where available, as necessary;

3.2.3 [Intentionally Left Blank];

3.2.4 provide sufficient trunks and facilities to route 911/E-911 Calls from Telestride to the designated Frontier 911/E-911 Tandem Office(s)/Selective Router(s) or Frontier interface point(s). Telestride is responsible for requesting that trunks and facilities be routed diversely for 911/E-911 interconnection;

3.2.5 determine the proper quantity of trunks and facilities from its switch(es) to the Frontier 911/E-911 Tandem Office(s)/Selective Router(s) or Frontier interface point(s);

3.2.6 engineer its 911/E-911 trunks and facilities to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or at such other minimum grade of service as required by Applicable Law or the Controlling 911 Authority;

3.2.7 monitor its 911/E-911 trunks and facilities for the purpose of determining originating network traffic volumes. If the Telestride traffic study indicates that additional trunks and/or facilities are needed to meet the current level of 911/E-911 Call volumes, Telestride shall order or otherwise provide adequate additional trunks and/or facilities;

3.2.8 promptly test all 911/E-911 trunks and facilities between the Telestride network and the Frontier 911/E-911 Tandem Office(s)/Selective Router(s) or Frontier interface point(s) to assure proper functioning of 911/E-911 arrangements. Telestride shall not transmit or route live 911/E-911 Calls until successful testing is completed; and

3.2.9 isolate, coordinate and restore all 911/E-911 network maintenance problems from its switch(es) to the Frontier 911/E-911 Tandem Office(s)/Selective Router(s) or Frontier interface points. Telestride shall advise Frontier of the circuit identification when notifying Frontier of a failure or outage.

4. 911/E-911 General

4.1 Frontier and Telestride shall work cooperatively to arrange meetings with the Controlling 911 Authorities to answer any technical questions the PSAPs, or county or municipal coordinators may have regarding the initial 911/E-911 arrangements

4.2 Telestride shall compensate Frontier for provision of 911/E-911 Services pursuant to the Pricing Attachment of this Agreement.

4.3 Telestride and Frontier shall comply with all Applicable Law (including 911 taxes and surcharges as defined by Applicable Law) pertaining to 911/E-911 arrangements.

4.4 Telestride shall collect and remit, as required, any 911/E-911 applicable surcharges from its end users in accordance with Applicable Law.

5. Good Faith Performance

If and, to the extent that, Frontier, prior to the Effective Date, has not provided in the State of Ohio a Service offered under this Attachment, Frontier reserves the right to negotiate in good faith with Telestride reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

PRICING ATTACHMENT

1. General

1.1 As used in this Attachment, the term "Charges" means the rates, fees, charges and prices for a Service.

1.2 Except as stated in Section 2 or Section 3 of this Attachment, Charges for Services shall be as stated in this Section 1.

1.3 The Charges for a Service shall be the Charges for the Service stated in the Providing Party's applicable Tariff.

1.4 In the absence of Charges for a Service established pursuant to Section 1.3 of this Attachment, the Charges shall be as stated in Appendix A of this Pricing Attachment. For rate elements provided in Appendix A of this Pricing Attachment that do not include a Charge, either marked as "TBD" or otherwise, Frontier is developing such Charges and has not finished developing such Charges as of the Effective Date of this Agreement ("Effective Date"). When Frontier finishes developing such a Charge, Frontier shall notify Telestride in writing of such Charge in accordance with, and subject to, the notices provisions of this Agreement and thereafter shall bill Telestride, and Telestride shall pay to Frontier, for Services provided under this Agreement on the Effective Date and thereafter in accordance with such Charge. Any notice provided by Frontier to Telestride pursuant to this Section 1.4 shall be deemed to be a part of Appendix A of this Pricing Attachment immediately after Frontier sends such notice to Telestride and thereafter.

1.5 The Charges stated in Appendix A of this Pricing Attachment shall be automatically superseded by any applicable Tariff Charges. The Charges stated in Appendix A of this Pricing Attachment also shall be automatically superseded by any new Charge(s) when such new Charge(s) are required by any order of the Commission or the FCC, approved by the Commission or the FCC, or otherwise allowed to go into effect by the Commission or the FCC (including, but not limited to, in a Tariff that has been filed with the Commission or the FCC), provided such new Charge(s) are not subject to a stay issued by any court of competent jurisdiction.

1.6 In the absence of Charges for a Service established pursuant to Sections 1.3 through 1.5 of this Attachment, if Charges for a Service are otherwise expressly provided for in this Agreement, such Charges shall apply.

1.7 In the absence of Charges for a Service established pursuant to Sections 1.3 through 1.6 of this Attachment, the Charges for the Service shall be the Providing Party's FCC or Commission approved Charges.

1.8 In the absence of Charges for a Service established pursuant to Sections 1.3 through 1.7 of this Attachment, the Charges for the Service shall be mutually agreed to by the Parties in writing.

2. Frontier Telecommunications Services Provided to Telestride for Resale Pursuant to the Resale Attachment

2.1 Frontier Telecommunications Services for which Frontier is Required to Provide a Wholesale Discount Pursuant to Section 251(c)(4) of the Act.

2.1.1 The Charges for a Frontier Telecommunications Service purchased by Telestride for resale for which Frontier is required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Retail Price for such Service set forth in Frontier's applicable Tariffs (or, if there is no Tariff Retail Price for such Service, Frontier's Retail Price for the Service that is generally offered to Frontier's Customers), less, to the extent required by Applicable Law: (a) the applicable wholesale discount stated in Frontier's Tariffs for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act; or (b) in the absence of an applicable Frontier Tariff wholesale discount for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act, the applicable wholesale discount stated in Appendix A for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act.

2.1.2 The Charges for a Frontier Telecommunications Service Customer Specific Arrangement ("CSA") purchased by Telestride for resale pursuant to Section 3.3 of the Resale Attachment for which Frontier is required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Retail Price for the CSA, less, to the extent required by Applicable Law: (a) the applicable wholesale discount stated in Frontier's Tariffs for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act; or (b) in the absence of an applicable Frontier Tariff wholesale discount for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act, the applicable discount stated in Appendix A for Frontier Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act. Notwithstanding the foregoing, in accordance with, and to the extent permitted by Applicable Law, Frontier may establish a wholesale discount for a CSA that differs from the wholesale discount that is generally applicable to Telecommunications Services provided to Telestride for resale pursuant to Section 251(c)(4) of the Act.

2.1.3 Notwithstanding Sections 2.1 and 2.2 of this Attachment, in accordance with, and to the extent permitted by Applicable Law, Frontier may at any time establish a wholesale discount for a Telecommunications Service (including, but not limited to, a CSA) that differs from the wholesale discount that is generally applicable to Telecommunications Services provided to Telestride for resale pursuant to Section 251(c)(4) of the Act.

2.1.4 The wholesale discount stated in Appendix A shall be automatically superseded by any new wholesale discount when such new wholesale discount is required by any order of the Commission or the FCC, approved by the Commission or the FCC, or otherwise allowed to go into effect by the Commission or the FCC, provided such new wholesale discount is not subject to a stay issued by any court of competent jurisdiction.

2.1.5 The wholesale discount provided for in Sections 2.1.1 through 2.1.3 of this Attachment shall not be applied to:

2.1.5.1 Short term promotions as defined in 47 CFR § 51.613;

2.1.5.2 Except as otherwise provided by Applicable Law, Exchange Access services;

2.1.5.3 Subscriber Line Charges, Federal Line Cost Charges, end user common line Charges, taxes, and government Charges and assessment (including, but not limited to, 9-1-1 Charges and Dual Party Relay Service Charges).

2.1.5.4 Any other service or Charge that the Commission, the FCC, or other governmental entity of appropriate jurisdiction determines is not subject to a wholesale discount under Section 251(c)(4) of the Act.

2.2 Frontier Telecommunications Services for which Frontier is Not Required to Provide a Wholesale Discount Pursuant to Section 251(c)(4) of the Act.

2.2.1 The Charges for a Frontier Telecommunications Service for which Frontier is not required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Charges stated in Frontier's Tariffs for such Frontier Telecommunications Service (or, if there are no Frontier Tariff Charges for such Service, Frontier's Charges for the Service that are generally offered by Frontier).

2.2.2 The Charges for a Frontier Telecommunications Service customer specific contract service arrangement ("CSA") purchased by Telestride pursuant to Section 3.3 of the Resale Attachment for which Frontier is not required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Charges provided for in the CSA and any other Charges that Frontier could bill the person to whom the CSA was originally provided (including, but not limited to, applicable Frontier Tariff Charges).

2.3 Other Charges.

2.3.1 Telestride shall pay, or collect and remit to Frontier, without discount, all Subscriber Line Charges, Federal Line Cost Charges, and end user common line Charges, associated with Frontier Telecommunications Services provided by Frontier to Telestride.

3. Telestride Prices

Notwithstanding any other provision of this Agreement, the Charges that Telestride bills Frontier for Telestride's Services shall not exceed the Charges for Frontier's comparable Services, except to the extent that Telestride's cost to provide such Telestride's Services to Frontier exceeds the Charges for Frontier's comparable Services and Telestride has demonstrated such cost to Frontier, or, at Frontier's request, to the Commission or the FCC.

4. [This Section Intentionally Left Blank]

5. Regulatory Review of Prices

Notwithstanding any other provision of this Agreement, each Party reserves its respective rights to institute an appropriate proceeding with the FCC, the Commission or other governmental body of appropriate jurisdiction: (a) with regard to the Charges for its Services (including, but not limited to, a proceeding to change the Charges for its services, whether provided for in any of its Tariffs, in Appendix A, or otherwise); and (b)

with regard to the Charges of the other Party (including, but not limited to, a proceeding to obtain a reduction in such Charges and a refund of any amounts paid in excess of any Charges that are reduced).

APPENDIX A TO THE PRICING ATTACHMENT[1] [2]

(OHIO)
v1.12

I. Rates and Charges for Transport and Termination of Traffic[3]

A. Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: **$0.0040000♦ per minute of use**.

Reciprocal Compensation Traffic Tandem Rate: **$0.0056723♦ per minute of use**.

B. The Tandem Transit Traffic Service Charge is **$0.0016013♦ per minute of use**.

C. Entrance Facility and Transport for Interconnection Charges: **See Intrastate Special Access Tariff**

D. Exchange Access Service: **Per Frontier interstate and/or Frontier intrastate access tariff**

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[1] This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Frontier is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction. In addition to any rates and charges set forth herein, Frontier, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CUSTOMER ACRONYM*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the FCC's Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313, CC Docket No. 01-338 (FCC rel. Feb. 4, 2005) (the "TRRO"), the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise. In addition, as set forth in Industry Notices, access tariff and/or other applicable non-UNE rates may apply equivalent to the resale discount rate for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

[2] Certain of the rates and charges set forth within, as indicated by a “diamond” (♦), are arbitrated rates taken from the previously arbitrated Interconnection, Resale and Unbundling Agreement between GTE and AT&T Communications, which was approved by the Commission in an Order dated December 24, 1996, in Docket No. 96-832-TP-ARB. Frontier has agreed to use and to incorporate herein such arbitrated rates subject to the following: The Parties expressly agree (1) that such arbitrated rates shall not be deemed to have been voluntarily negotiated by the Parties, and (2) that, for purposes of calculating Reciprocal Compensation Traffic, the arbitrated rates shall not apply to Internet Traffic, as set forth more fully in the Interconnection Attachment of this Agreement. The foregoing shall not, in any way, limit any other term, condition, limitation or reservation of right in the Agreement that applies to rates, including, but not limited to the Reservation of Rights language of the General Terms and Conditions. The Parties further agree that the Commission’s Order in Docket No. 96-832-TP-ARB, to the extent such Order established the arbitrated rates, shall be deemed an “arbitration decision associated with this Agreement” under the General Terms and Conditions.

[3] All rates and charges specified herein are pertaining to the Interconnection Attachment.

II. Services Available for Resale

The avoided cost discount for all Resale services when Frontier provides Operator Services/Directory Assistance (OS/DA) is 12.16%. The avoided cost discount for all Resale services when Frontier does not provide OS/DA is 16.41%.

Non-Recurring Charges (NRCs) for Resale Services

Pre-ordering	
CLEC Account Establishment Per CLEC	$273.09
Customer Record Search Per Account	$ 11.69
Ordering and Provisioning	
Engineered Initial Service Order (ISO) - New Service	$311.98
Engineered Initial Service Order - As Specified	$123.84
Engineered Subsequent Service Order	$ 59.61
Non-Engineered Initial Service Order - New Service	$ 42.50
Non-Engineered Initial Service Order - Changeover	$ 21.62
Non-Engineered Initial Service Order - As Specified	$ 82.13
Non-Engineered Subsequent Service Order	$ 19.55
Central Office Connect	$ 12.21
Outside Facility Connect	$ 68.30
Manual Ordering Charge	$ 12.17

Product Specific:

NRCs, other than those for Pre-ordering, Ordering and Provisioning, and Custom Handling as listed in this Appendix, will be charged from the appropriate retail tariff. No discount applies to such NRCs.

Custom Handling

Service Order Expedite:	
Engineered	$ 35.48
Non-Engineered	$ 12.59
Coordinated Conversions:	
ISO	$ 17.76
Central Office Connection	$ 10.71
Outside Facility Connection	$ 9.59
Hot Coordinated Conversion First Hour:	
ISO	$ 30.55
Central Office Connection	$ 42.83
Outside Facility Connection	$ 38.34
Hot Coordinated Conversion per Additional Quarter Hour:	
ISO	$ 4.88
Central Office Connection	$ 9.43
Outside Facility Connection	$ 8.37

Application of NRCs

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that Telestride orders any service from this Agreement.

Customer Record Search applies when Telestride requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Engineered Initial Service Order - New Service applies per Local Service Request (LSR) when engineering work activity is required to complete the order, e.g. digital loops.

Non-Engineered Initial Service Order - New Service applies per LSR when no engineering work activity is required to complete the order, e.g. analog loops.

Initial Service Order - As Specified (Engineered or Non-Engineered) applies only to Complex Services for services migrating from Frontier to Telestride. Complex Services are services that require a data gathering form or have special instructions.

Non-Engineered Initial Service Order - Changeover applies only to Basic Services for services migrating from Frontier to Telestride. End-user service may remain the same or change.

Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental fieldwork is required.

Manual Ordering Charge applies to orders that require Frontier to manually enter Telestride's order into Frontier's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if Telestride requests service prior to the standard due date intervals.

Coordinated Conversion applies if Telestride requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if Telestride requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

III. Prices for Unbundled Network Elements[4]

Monthly Recurring Charges

Local Loop

2 Wire Analog Loop (inclusive of NID)	$	15.73 ♦
4 Wire Analog Loop (inclusive of NID)	$	48.00
2 Wire Digital Loop (inclusive of NID)	$	15.73 ♦
4 Wire Digital Loop (inclusive of NID)	$	48.00
DS-1 Loop	$	160.31
DS-3 Loop	$	797.86
Supplemental Features:		
ISDN-BRI Line Loop Extender	$	4.81
DS1 Clear Channel Capability	$	24.00

Sub-Loop

2-Wire Distribution	$	27.26
4-Wire Distribution	$	49.44
2-Wire Drop	$	4.18
4-Wire Drop	$	4.45
Inside Wire		BFR

Network Interface Device (leased separately)

Basic NID:	$	1.01
Complex (12 x) NID	$	1.89

[4] For the avoidance of any doubt, in addition to any rates and charges set forth herein, Frontier, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CUSTOMER ACRONYM*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, surcharges access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

Dedicated Transport Facilities

Interoffice Dedicated Transport		
IDT DS0 Transport Facility AVG	$	0.15
IDT DS0 Transport Termination	$	11.56
IDT DS1 Transport Facility AVG	$	0.99 ♦
IDT DS1 Transport Termination	$	29.52 ♦
IDT DS3 Transport Facility AVG	$	24.92
IDT DS3 Transport Termination	$	167.78
Multiplexing (Dedicated Transport)		
DS1 to Voice Multiplexing	$	189.99 ♦
DS3 to DS1 Multiplexing	$	287.53 ♦
DS1 Clear Channel Capability	$	24.00

EEL Pricing

MRCs. The MRCs for an EEL will generally be equal to the applicable MRCs for UNEs and Multiplexing that comprise an EEL arrangement (e.g. UNE Loop, IDT, Multiplexing, & Clear Channel Capability).

Line Splitting (also referred to as "Loop Sharing")[5] [6]

A. Unbundled Local Loops	As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge* (per loop), Service Connection-Other Charge* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges	
B. Other Charges	**i. Regrade**	$8.09 NRC
	ii. *Service Connection *Service Connection/Other	A second Service Connection NRC and Service Connection/ Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections.
	iii. Disconnect	A disconnect NRC applies, as applicable, on total Loop Sharing disconnects.
	iv. Line and Station Transfers /Pair Swaps	A LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements.
C. Collocation Rates Collocation Rates (including, without limitation, Splitter Connection and Installation Rates)	As Applicable per this Appendix A and Tariff.	

[5] Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation.

[6] This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Frontier to provide a service that the Agreement does not require Frontier to provide.

NON-RECURRING CHARGES – LOOP AND PORT

Service Ordering (Loop)		
Initial Service Order, per order	$	25.19
Transfer of Service Charge, per order	$	6.83
Subsequent Service Order, per order		TBD
Installation		
Unbundled Loop, per loop	$	25.02
Loop Facility Charge, per order (See Note 1)	$	68.30
Customer Service Record Search	$	4.21

CUSTOM HANDLING

Coordinated Conversions:		
ISO	$	17.76
Central Office Connection	$	9.43
Outside Facility Connection	$	8.09
Hot Coordinated Conversions First Hour:		
ISO	$	23.91
Central Office Connection	$	37.72
Outside Facility Connection	$	32.36
Hot Coordinated Conversions per Additional Quarter Hour:		
ISO	$	4.88
Central Office Connection	$	9.43
Outside Facility Connection	$	8.37

Note 1: The Loop Facility Charge will apply when fieldwork is required for establishment of a new unbundled loop service**.**

NON-RECURRING CHARGES

LOCAL WHOLESALE SERVICES	Ordering 100% Manual	Ordering Semi-Mech.	Provisioning Initial Unit	Provisioning Addt'l Unit
UNBUNDLED NID				
Exchange – Basic	$ 27.06	$ 18.83	$ 33.99	N/A
UNBUNDLED SUB-LOOP				
Exchange - FDI Distribution Interconnection - Initial	$ 36.32	$ 26.88	$ 61.90	$ 30.36
Exchange - FDI Distribution Interconnection - Subsequent	$ 15.01	$ 11.83	$ 16.99	$ 7.22
Exchange - Serving Terminal Interconnection - Initial	$ 36.32	$ 26.88	$ 28.99	$ 15.51
Exchange - Serving Terminal Interconnection - Subsequent	$ 15.01	$ 11.83	$ 13.23	$ 6.41
		$405.65	N/A	N/A
		$ 64.57	$267.28	$224.68
		$ 64.57	$261.86	$220.43
ENHANCED EXTENDED LINK (WITH MANUAL AND SEMI-MECHANIZED OPTIONS) - Loop portion (In addition, IDT (Interoffice Dedicated Transport) charges apply if applicable to the EEL arrangement)				
Advanced - Basic (2-wire and 4-wire) - Initial	$ 88.39	$ 56.13	$ 25.02	N/A
Advanced - Basic (2-wire and 4-wire) – Subsequent	$ 38.02	$ 21.89	$ 25.02	N/A
DS1/DS3 - Initial	$ 97.94	$ 65.68	$ 25.02	N/A
DS1/DS3 - Subsequent	$ 38.02	$ 21.89	$ 25.02	N/A
DS3 to DS1 Multiplexer	N/A	N/A	$450.00	N/A
DS1 to DS0 Multiplexer	N/A	N/A	$800.00	N/A
Change Over Charge - (Conversion from Special Access to EELs or Transport)				
Advanced - Basic (2-wire and 4-wire) Changeover (As Is)	$161.87	$ 99.77	$ 41.64	N/A
Advanced - Basic (2-wire and 4-wire) Changeover (As Is)- Additional MOG (Mass Order Generator) Only	$ 7.52	$ 4.56	$ 41.64	N/A
Advanced - Complex (DS1 and above) Changeover (As Is)	$179.37	$117.27	$ 41.64	N/A
Advanced - Complex (DS1 and above) Changeover (As Is) Additional MOG (Mass Order Generator) Only	$ 7.52	$ 4.56	$ 41.64	N/A

LOOP CONDITIONING[7] **(No charge for loops 12,000 feet or less)**				
Loop Conditioning – Bridged Tap	N/A	N/A	$318.71	$ 34.88
Loop Conditioning - Load Coils	N/A	N/A	$249.91	N/A
Loop Conditioning - Load Coils / Bridged Tap	N/A	N/A	$568.62	$ 34.88
LINE AND STATION TRANSFER[8]	**N/A**	**N/A**	**$147.75**	**N/A**
INTEROFFICE DEDICATED TRANSPORT(IDT) (Also applies to IDT portion of an EEL arrangement)				
Advanced - Basic (2-wire and 4-wire) – Initial	$ 95.49	$ 63.01	$428.58	N/A
Advanced - Basic (2-wire and 4-wire) – Subsequent	$ 45.12	$ 28.77	$ 58.20	N/A
Advanced - Complex (DS1 and above) – Initial	$105.04	$ 72.56	$584.49	N/A
Advanced - Complex (DS1 and above) – Subsequent	$ 45.12	$ 28.77	$ 86.80	N/A

[7] These charges are interim and subject to retroactive true-up back to the Effective Date of this Agreement.

[8] A Line and Station Transfer (LST) Charge applies when Frontier arranges or rearranges an individual circuit at a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC.

EXPEDITES				
Exchange Products	$ 3.36	$ 3.36	N/A	N/A
Advanced Products	$ 25.80	$ 25.80	N/A	N/A
OTHER				
Customer Record Search (per account)	$ 4.21	N/A	N/A	N/A
CLEC Account Establishment (per CLEC)	$166.32	$166.32	N/A	N/A
Design Change Charge - EELs and Transport	$ 27.00	$ 27.00	N/A	N/A
ROUTINE NETWORK MODIFICATIONS[9]				
ENGINEERING QUERY[10]	N/A	N/A	$ 183.99	N/A
ENGINEERING WORK ORDER[11]	N/A	N/A	$ 94.90	N/A
EXPEDITE ENGINEERING QUERY[10] [12]	N/A	N/A	$ 41.67	N/A
EXPEDITE ENGINEERING WORK ORDER[11, 12]	N/A	N/A	$ 27.94	N/A
CLEAR DEFECTIVE PAIR	N/A	N/A	$ 272.35	N/A
REASSIGNMENT OF NON-WORKING CABLE PAIR	N/A	N/A	$ 272.35	N/A
BINDER GROUP REARRANGEMENT	N/A	N/A	$ 529.77	N/A
REPEATER - INSTALLATION	N/A	N/A	$1,597.10	N/A
APPARATUS CASE – INSTALLATION	N/A	N/A	$2,992.81	N/A
RANGE EXTENDERS - DS-0 Installation	N/A	N/A	$ 809.72	N/A
RANGE EXTENDERS - DS-1 Installation	N/A	N/A	$ 809.72	N/A
CHANNEL UNIT TO UNIVERSAL/COTTED DLC SYSTEM (existing)	N/A	N/A	$ 170.30	N/A
SERVING TERMINAL - INSTALLATION / UPGRADE	N/A	N/A	Time and Material	N/A
ACTIVATE DEAD COPPER PAIR	N/A	N/A	$ 199.90	N/A
MULTIPLEXER - 1/0 - INSTALLATION	N/A	N/A	$12,211.41	N/A
MULTIPLEXER - 1/0 - RECONFIGURATION	N/A	N/A	$ 170.30	N/A
MULTIPLEXER - 3/1 - INSTALLATION	N/A	N/A	$26,981.19	N/A
MULTIPLEXER - 3/1 - RECONFIGURATION	N/A	N/A	$ 382.34	N/A
MULTIPLEXER – OTHER - INSTALLATION	N/A	N/A	Time and Material	N/A
MOVE DROP	N/A	N/A	$ 109.28	N/A
CROSS-CONNECTION - EXISTING FIBER FACILITY	N/A	N/A	$ 346.93	N/A
LINE CARD - INSTALLATION	N/A	N/A	$ 314.63	N/A
COPPER REARRANGEMENT	N/A	N/A	$ 482.90	N/A
CENTRAL OFFICE TERMINAL - INSTALLATION	N/A	N/A	$35,307.87	N/A

[9] This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (*e.g.*, services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

[10] Engineering Query Charges apply in addition to charges for actual network modification and Engineering Work Order charges where applicable.

[11] Engineering Work Order Charges apply in addition to charges for actual network modification and Engineering Query charges where applicable.

[12] Expedite Charges apply in addition to other listed rates.

IDLC ONLY CONDITION	N/A	N/A	$36,847.28	N/A
ROUTINE NETWORK MODIFICATIONS				
OTHER REQUIRED MODIFICATIONS	N/A	N/A	Time and Material	N/A
OTHER				
Commingled Arrangements – per circuit NRC	N/A	N/A	$ 50.00	N/A
Conversion - Service Order	N/A	N/A	$ 19.33	N/A
Conversion - Installation per circuit	N/A	N/A	$ 7.27	N/A
Circuit Retag - per circuit	N/A	N/A	$ 59.43	N/A

Application of NRCs

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that Telestride orders any service from this Agreement.

Customer Record Search applies when Telestride requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies to each Local Service Request (LSR) and Access Service Request (ASR) for new service. Charge is Manual (e.g. for a faxed order) or Semi-Mechanized (e.g. for an electronically transmitted order) based upon the method of submission used by the CLEC.

Subsequent Service Order applies to each LSR/ASR for modifications to an existing service. Charge is Manual or Semi-Mechanized based upon the method of submission used by the CLEC.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Exchange ISO applies per LSR/ASR when no engineering work activity is required to complete the order.

Provisioning – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: 2-Wire Analog, 4-Wire Analog, Standard Sub-Loop Distribution, Drop and NID.

Exchange-Complex: Non-loaded Sub-Loop Distribution and Loop Conditioning.

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop, and EELs.

Conditioning applies in addition to the ISO, for each Loop or Sub-Loop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Changeover Charge applies to EEL orders when an existing retail, resale, or special access service is already in place.

EELs: The NRCs that generally apply to an EEL arrangement are applicable ordering & provisioning charges for EEL Loops, IDT, Multiplexing and Clear Channel Capability.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if Telestride requests service prior to the standard due date intervals and the expedite request can be met by Frontier.

Coordinated Conversion applies if Telestride requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if Telestride requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to EELs & Transport orders for design changes requested by the CLEC.

IV. Rates and Charges for 911

See State Access Tariff.

V. Collocation Rates

CAGED COLLOCATION RATES			
Elements	**Increment**	**NRC / MRC**	**Rate**
Non-Recurring Prices			
Engineering Costs			
Engineering/Major Augment Fee	per occurrence	NRC	1,128.54
Minor Augment Fee	per occurrence	NRC	199.42
Access Card Administration (New/Replacement)	per card	NRC	21.01
Cage Grounding Bar	per bar	NRC	1,423.10
DC Power			
Engineering	per project	NRC	75.50
Cable Pull/Termination	per cable	NRC	1344.18
Ground Wire	per wire	NRC	18.12
Overhead Superstructure	per project	NRC	2,465.64
Facility or Fiber Optic Patchcord Pull/Termination			
Engineering	per project	NRC	75.50
Facility Cable Pull	per cable run	NRC	210.08
Fiber Optic Patchcord Pull	per cable run	NRC	212.75
DS0 Cable Termination	per 100 pair	NRC	4.17
DS1 Cable Termination	per 28 pair	NRC	1.04
DS3 Coaxial Cable Termination (Unconnectorized)	per termination	NRC	10.42
Fiber Optic Patchcord Termination	per termination	NRC	1.15
Fiber Cable Pull			
Engineering	per project	NRC	606.30
Place Innerduct	per lin ft	NRC	1.32
Pull Cable	per lin ft	NRC	0.93
Cable Fire Retardant	per occurrence	NRC	41.68
Facility Cable Pricing			
Facility Cable DS0 Cable (Connectorized)	per 100 pair	NRC	328.28
Facility Cable DS1 Cable (Connectorized)	per 28 pair	NRC	304.78
Facility Cable DS3 Coaxial Cable	per coax cable	NRC	83.84
Facility Cable Shielded Cable (Orange Jacket)	per occurence	NRC	33.26
Fiber Optic Patchcord 24 Fiber (Connectorized)	per occurrence	NRC	834.35
Power Cable Pricing			
Power Cable - Wire Power 1/0		NRC	91.57
Power Cable - Wire Power 2/0		NRC	133.01
Power Cable - Wire Power 3/0		NRC	148.01
Power Cable - Wire Power 4/0		NRC	182.41
Power Cable - Wire Power 350 MCM		NRC	311.37
Power Cable – Wire Power 500 MCM		NRC	434.07
Power Cable – Wire Power 750 MCM		NRC	668.68
BITS Timing	per project	NRC	291.20
Collocation Space Report		NRC	1,217.52

CAGED COLLOCATION RATES			
Elements	**Increment**	**NRC / MRC**	**Rate**
Monthly Recurring Prices			
Caged Floor Space including Shared Access Area	per sq ft	MRC	2.76
DC Power	per load amp	MRC	14.69
Building Modification	per request	MRC	182.00
Environmental Conditioning	per load amp	MRC	2.09
Facility Termination			
DS0	per 100 pr	MRC	3.33
DS1	per 28 pr	MRC	16.58
DS3	per DS3	MRC	10.41
Fiber Optic Patchcord	per connector	MRC	0.88
Cable Rack Space - Metallic	per cable run	MRC	1.64
Cable Rack Space - Fiber	per innerduct ft	MRC	0.02
Fiber Optic Patchcord Distrobution Frame	per cable run	MRC	0.52
Manhole Space - Fiber	per project	MRC	2.92
Subduct Space – Fiber	per lin ft	MRC	0.02
BITS Timing		MRC	10.08

CAGELESS COLLOCATION RATES			
Elements	**Increment**	**NRC / MRC**	**Rate**
Non-Recurring Prices			
Engineering Costs			
Engineering/Major Augment Fee	per occurrence	NRC	$1,128.53
Minor Augment Fee	per occurrence	NRC	199.42
Access Card Administration (New/Replacement)	per card	NRC	17.58
DC Power			
Engineering	per project	NRC	75.50
Cable Pull/Termination	per cable	NRC	1344.18
Ground Wire	per wire	NRC	18.12
Overhead Superstructure	per project	NRC	2,465.64
Facility Cable or Fiber Optic Patchcord Pull/Termination			
Engineering	per project	NRC	75.50
Facility Pull	per cable run	NRC	210.08
Fiber Optic Patchcord Pull	per cable run	NRC	212.75
DS0 Cable Termination	per 100 pair	NRC	4.17
DS1 Cable Termination	per 28 pair	NRC	1.04
DS3 Coaxial Cable Termination (Unconnectorized)	per termination	NRC	10.42
Fiber Optic Patchcord Termination	per termination	NRC	1.15
Fiber Cable Pull			
Engineering	per project	NRC	606.30
Place Innerduct	per lin ft	NRC	1.32
Pull Cable	per lin ft	NRC	0.93
Cable Fire Retardant	per occurrence	NRC	41.68
BITS Timing	per project	NRC	291.20
Monthly Recurring Prices			
Relay Rack Floor Space	per lin ft	MRC	11.71
DC Power	per load amp	MRC	14.69
Building Modification	per request	MRC	182.00
Environmental Conditioning	per load amp	MRC	2.09
Facility Termination			
DS0	per 100 pr	MRC	3.33
DS1	per 28 pr	MRC	16.58
DS3	per DS3	MRC	10.41
Fiber Optic Patchcord	per connector	MRC	0.88
Cable Rack Space - Metallic	per lin ft	MRC	1.64
Cable Rack Space - Fiber	per lin ft	MRC	0.52
Fiber Optic Patchcord to Distribution Frame		MRC	10.68

CAGELESS COLLOCATION RATES			
Elements	**Increment**	**NRC / MRC**	**Rate**
BITS Timing	per occurrence	MRC	10.08

EXHIBIT A TO SECTION 3.1 (FIBER MEET ARRANGEMENT) OF THE INTERCONNECTION ATTACHMENT

Technical Specifications and Requirements

for

Telestride - FRONTIER NORTH INC.
Fiber Meet Arrangement No. [XX]

The following technical specifications and requirements will apply to Telestride - Frontier North Inc. Fiber Meet Arrangement [NUMBER] ("FM No. [XX]"):

1. FM No. [XX] will provide interconnection facilities for the exchange of applicable traffic (as set forth in the Amendment) between Frontier's [NAME OF TANDEM/END OFFICE] and Telestride's [NAME OF TANDEM/END OFFICE] in the State of Ohio. A diagram of FM No. [XX] is included as Exhibit A-1.

2. Fiber Meet Points ("FMPs").

   2.1 FM No. [XX] will be configured as shown on Exhibit A-1. FM No. [XX] will have two FMPs. Neither FMP is more than three (3) miles from the nearest Frontier Tandem or End Office.

   2.2 Frontier will provision a Fiber Network Interface Device ("FNID") at [POLE XX, STREET YY, TOWN ZZ, STATE] and terminate [____] strands of its fiber optic cable in the FNID. The FNID provisioned by Frontier will be a [MANUFACTURER, MODEL]. Frontier will bear the cost of installing and maintaining its FNID. The fiber patch panel within Frontier's FNID will serve as FMP No. 1. Frontier will provide a fiber stub at the fiber patch panel in Frontier's FNID for Telestride to connect [____] strands of its fiber cable [____] connectors. Frontier's FNID will be locked, but Frontier and Telestride will have 24 hour access to their respective side of the fiber patch panel located in Frontier's FNID.

   2.3 Telestride will provision a FNID at [POLE XX, STREET YY, TOWN ZZ, STATE] and terminate [____] strands of its fiber optic cable in the FNID. The FNID provisioned by Telestride will be a [MANUFACTURER, MODEL]. Telestride will bear the cost of installing and maintaining its FNID. The fiber patch panel within Telestride's FNID will serve as FMP No. 2. Telestride will provide a fiber stub at the fiber patch panel in Telestride's FNID for Frontier to connect [____] strands of its fiber cable. Telestride's FNID will be locked, but Telestride and Frontier will have 24 hour access to their respective side of the fiber patch panel located in Telestride's FNID.

3. Transmission Characteristics.

   3.1 FM No. [XX] will be built [as a ring configuration].

   3.2 The transmission interface for FM No. [XX] will be [Synchronous Optical Network ("SONET")].

   3.3 Terminating equipment shall comply with [SONET transmission requirements as specified in Telcordia Technologies document GR-253 CORE (Tables 4-3 through 4-11)].

3.4 The optical transmitters and receivers shall provide adequate power for the end-to-end length of the fiber cable to be traversed.

3.5 The optical transmission rate will be [Unidirectional] OC-[XX].

3.6 The path switch protection shall be set as [Non-Revertive].

3.7 Frontier and Telestride shall provide [Primary Reference Source traceable timing].

4. Add Drop Multiplexer.

4.1 Frontier will, at its own cost, obtain and install (at its own premise) its own Add Drop Multiplexer. Frontier will use a [MANUFACTURER, MODEL] Add Drop Multiplexer with firmware release of [X.X] at the network level. Before making any upgrade or change to the firmware of its Add Drop Multiplexer, Frontier must provide Telestride with fourteen (14) days advance written notice that describes the upgrade or change to its firmware and states the date on which such firmware will be activated in Frontier's Add Drop Multiplexer.

4.2 Telestride will, at its own cost, obtain and install (at its own premise) its own Add Drop Multiplexer. Telestride will use a [MANUFACTURER, MODEL] Add Drop Multiplexer with firmware release of [X.X] at the network level. Before making any upgrade or change to the firmware of its Add Drop Multiplexer, Telestride must provide Frontier with fourteen (14) days advance written notice that describes the upgrade or change to its firmware and states the date on which such firmware or software will be activated in Telestride's Add Drop Multiplexer.

4.3 Telestride and Frontier will monitor all firmware upgrades and changes to observe for any failures or anomalies adversely affecting service or administration. If any upgrade or change to firmware adversely affects service or administration of FM No. [XX], the firmware will be removed from the Add Drop Multiplexer and will revert to the previous version of firmware.

4.4 The Data Communication Channel shall be disabled between the Frontier and Telestride Add Drop Multiplexers of FM No. [XX].

5. Testing.

5.1 Prior to turn-up of FM No. [XX], Frontier and Telestride will mutually develop and implement testing procedures for FM No. [XX]

6. Connecting Facility Assignment ("CFA") and Slot Assignment Allocation ("SAA").

6.1 For one-way and two-way trunk arrangements, the SAA information will be turned over to Telestride as a final step of turn up of the FM No. [XX].

6.2 For one-way trunk arrangements, Frontier will control the CFA for the subtending facilities and trunks connected to Frontier's slots and Telestride will control the CFA for the subtending facilities and trunks connected to Telestride's slots. Telestride will place facility orders against the first half of the *fully configured* slots (for example, slots 1-6 of a fully configured OC12) and Frontier will place orders against the second half of the slots (for example, slots 7-12). If either Party needs the other Party's additional slot capacity to place orders, this will be negotiated and assigned on a case-by-case basis. For SAA, Frontier and

Telestride shall jointly designate the slot assignments for Frontier's Add Drop Multiplexers and Telestride's Add Drop Multiplexer in FM No. [XX].

6.3 For two-way trunk arrangements, Telestride shall control the CFA for the subtending facilities and trunks connected to FM No. [XX]. Telestride shall place facility and trunk orders against the total available SAA capacity of FM No. [XX].

7. Inventory, Provisioning and Maintenance, Surveillance, and Restoration.

7.1 Frontier and Telestride will inventory FM No. [XX] in their operational support systems before the order flow begins.

7.2 Frontier and Telestride will notify each other's respective Maintenance Control Office of all troubleshooting and scheduled maintenance activity to be performed on FM No. [XX] facilities prior to undertaking such work, and will advise each other of the trouble reporting and maintenance control point contact numbers and the days and hours of operation. Each Party shall provide a timely response to the other Party's action requests or status inquiries.

7.3 Frontier will be responsible for the provisioning and maintenance of the FM No. [XX] transport facilities on Frontier's side of the FMPs, as well as delivering its applicable traffic to the FMPs. Telestride will be responsible for the provisioning and maintenance of the FM No. [XX] transport facilities on the Telestride's side of the FMPs, as well as delivering its applicable traffic to the FMPs. As such, other than payment of any applicable intercarrier compensation charges pursuant to the terms of the Agreement, neither Party shall have any obligation to pay the other Party any charges in connection with FM No. [XX].

7.4 Frontier and Telestride will provide alarm surveillance for their respective FM No. [XX] transport facilities. Frontier and Telestride will notify each other's respective maintenance control office of all troubleshooting and scheduled maintenance activity to be performed on the facility prior to undertaking such work, and will advise each other of the trouble reporting and maintenance control point contact numbers and the days and hours of operation.

8. Cancellation or Modification of FM No. [XX].

8.1 Except as otherwise provided in this Section 8, all expenses and costs associated with the construction, operation, use and maintenance of FM No. [XX] on each Party's respective side of the FMPs will be borne by such Party.

8.2 If either Party terminates the construction of the FM No. [XX] before it is used to exchange traffic, the Party terminating the construction of FM No. [XX] will compensate the other Party for that Party's reasonable actual incurred construction and/or implementation expenses.

8.3 If either Party proposes to move or change FM No. [XX] as set forth in this document, at any time before or after it is used to exchange traffic, the Party requesting the move or change will compensate the other Party for that Party's reasonable actual incurred construction and/or implementation expenses. Augments, moves and changes to FM No. [XX] as set forth in this document must be mutually agreed upon by the Parties in writing.

*****CUSTOMER***** **FRONTIER NORTH INC.**

By: _____ _____

TO BE EXECUTED AT A LATER DATE

Date: _____ _____

Exhibit A-1

Telestride - FRONTIER NORTH INC.
Fiber Meet Arrangement No. [XX]

City, State

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

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in

Case No(s). 12-2151-TP-NAG

Summary: Application for an interconnection agreement between Telestride, LLC. and Frontier North, Inc. electronically filed by Ms. Rachel G Winder on behalf of Frontier North, Inc.