

INTERCONNECTION AGREEMENT- MISSOURI

between

Southwestern Bell Telephone Company d/b/a
AT&T Missouri

and

Navigator Telecommunications, LLC.

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INTERCONNECTION AGREEMENT – MISSOURI

This Interconnection Agreement - Missouri (Agreement) is between Navigator Telecommunications, LLC. ("CLEC"), an Arkansas limited liability corporation, having its principal office at 8525 Riverwood Park Drive, North Little Rock, Arkansas 72113 and Southwestern Bell Telephone Company d/b/a AT&T Missouri (collectively "AT&T"), having its principal office at, One AT&T Plaza, 208 South Akard, Dallas, TX 75202 (collectively the Parties).

WHEREAS, pursuant to the Telecommunications Act of 1996 (the Act), the Parties wish to establish terms for the resale of AT&T services and for the provision by AT&T of Interconnection, Unbundled Network Elements, and Ancillary Functions as designated in the Attachments hereto.

WHEREAS, CLEC represents that it is, or intends to become, a provider of Telephone Exchange Service to residential and business end users;

WHEREAS, the Parties want to Interconnect their networks pursuant to Attachment 11 and associated appendices to provide, directly or indirectly, Telephone Exchange Services and Exchange Access to residential and business end users over their respective Telephone Exchange Service facilities which are subject to this Agreement; and

WHEREAS, the Parties are entering into this Agreement to set forth the respective obligations of the Parties and the terms and conditions under which the Parties will Interconnect their networks and facilities and provide to each other services as required by the Telecommunications Act of 1996 as specifically set forth herein; and

WHEREAS, CLEC wishes to enter an agreement containing those terms and conditions.

WHEREAS, in entering into this Agreement, the Parties acknowledge and agree that neither Party waives, and each Party expressly reserves, any of its rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in this Agreement, with respect to any orders, decisions, legislation or proceedings and any remands by the FCC, state utility commission, court, legislature or other governmental body including, without limitation, any such orders, decisions, legislation, proceedings, and remands which were issued, released or became effective prior to the Effective Date of this Agreement, or which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review; and

WHEREAS the Parties understand AT&T Inc.'s operational support systems (OSS) and technical capabilities vary from one state to another across AT&T Inc.'s twenty-two states. This Agreement attempts to conform an Oklahoma interconnection agreement to comply with AT&T's OSS and technical capabilities in the State of Missouri. To the extent provisions in the original agreement have not been modified in this Agreement and are inconsistent with the OSS and technical capabilities in the State of Missouri, AT&T shall provide such services, to the extent applicable, in accordance with the terms and conditions set forth in its then current generic interconnection agreement; and

WHEREAS, the amendments attached to this Agreement have been sequentially numbered, regardless of whether signed or unsigned, and carry the effective date of the Agreement unless otherwise stated; and

WHEREAS, to the extent any rate, term or condition contained in any amendment attached hereto as of the Effective Date conflicts with any language in the underlying contract or any other amendment, the rate, term or condition set forth in the higher numbered amendment shall prevail; and

NOW, THEREFORE, in consideration of the premises and the mutual covenants of this Agreement CLEC and AT&T hereby agree as follows:

The foregoing Recitals are hereby incorporated into and made a part of this Agreement.

1. INTRODUCTION

- 1.1 This Agreement sets forth the terms, conditions and prices under which AT&T agrees to provide (a) services for resale (hereinafter referred to as Resale services), (b) Unbundled Network Elements, or combinations of such Unbundled CLEC's network to AT&T's network and Intercarrier Compensation for intercarrier telecommunications traffic exchanged between CLEC and AT&T.
- 1.2 Subject to the provisions of Attachment 6: Unbundled Network Elements (UNE) and upon CLEC request, AT&T shall meet its UNE combining obligations as and to the extent required by FCC rules and orders, and Verizon Comm. Inc. v. FCC, 535 U.S. 467 (May 13, 2002) ("Verizon Comm. Inc.") and, to the extent not inconsistent therewith, the rules and orders of the relevant state Commission and any other Applicable Law.
- 1.3 In the event that AT&T denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with elements possessed by CLEC, AT&T shall provide written notice to CLEC of such denial and the basis. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, Verizon Comm. Inc. and the Agreement, including Section 2.12 of Attachment 6: Unbundled Network Elements. In any dispute resolution proceeding, CLEC shall have the burden to prove that such combination request meets UNE combining obligations as and to the extent required by FCC rules and orders, and Verizon Comm. Inc. v. FCC, 535 U.S. 467 (May 13, 2002) ("Verizon Comm. Inc.") and, to the extent not inconsistent therewith, the rules and orders of relevant state Commission and any other Applicable Law.
- 1.4 AT&T may fulfill the requirements imposed upon it by this Agreement by itself or may cause its Affiliates to take such actions to fulfill the responsibilities.
- 1.5 This Agreement includes and incorporates herein the Attachments listed immediately following the Table of Contents of this Agreement, and all accompanying Appendices, Addenda and Exhibits.
- 1.6 AT&T's obligations under this agreement shall only apply to the specific operating area(s) or portion thereof in which AT&T is then deemed to be the ILEC; under the Act (the "ILEC Territory"), and only to the extent that the CLEC is operating and offering service to End Users identified to be residing in such ILEC Territory, except as specifically addressed in the Attachment 6: Unbundled Network Elements.
- 1.7 This Agreement sets forth the terms and conditions pursuant to which AT&T agrees to provide CLEC with access to Unbundled Network Elements under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in AT&T's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T is only obligated to make available UNEs and access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T's incumbent local exchange areas. AT&T has no obligation to provide such UNEs, Collocation, Interconnection and/or Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T's incumbent local exchange areas. In addition, AT&T is not obligated to provision UNEs or to provide access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than AT&T's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act

- and/or Resale under Section 251(c)(4) of the Act), shall only apply to the Parties and be available to CLEC for provisioning telecommunication services within AT&T's incumbent local exchange area(s) in Missouri when this Agreement has been approved by the Commission and is in effect.
- 1.8 Throughout this Agreement, wherever there are references to unbundled network elements that are to be provided by AT&T under this Agreement, the Parties agree and acknowledge that their intent is for the Agreement to comply with Section 1.7, above, and require only the provision of UNEs, regardless of whether the term is used as part of the reference to unbundled network elements.
- 1.9 Successor Rates
- 1.9.1 Certain of the rates, prices and charges set forth in the pricing appendix have been established by the Missouri Public Service Commission in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term the Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within ninety (90) calendar days after the date of such order or docket, the other Party may pursue its rights under Section 13.
- 1.10 AT&T shall give CLEC 45 days' written notice of any change or discontinuance of policy, process, procedure or method offered by AT&T, unless the implementation of such change or discontinuance of such policy, process, procedure or method is beyond the control of AT&T. CLEC shall not have veto power over changes proposed by AT&T.

2. GENERAL RESPONSIBILITIES OF THE PARTIES

- 2.1 Each Party is solely responsible for all products and services it provides to its end users and to other Telecommunications Carriers.
- 2.2 Facilities-based carriers are responsible for administering their end user records in a LIDB.
- 2.3 At all times during the term of this Agreement, each Party shall keep and maintain in force at its own expense the following minimum insurance coverage and limits and any additional insurance and/or bonds required by Applicable Law:

For CLECs that are reselling AT&T Resale Services under this Agreement, the minimum insurance coverage and limits are as follows:

Commercial General Liability insurance with minimum limits of: \$2,000,000 General Aggregate limit; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising; \$2,000,000 Products/Completed Operations Aggregate limit, with a \$1,000,000 each occurrence sub-limit for Products/Completed Operations.

For CLECs that are Interconnecting or purchasing any Unbundled Network Elements (other than UNE-P), products or services under this Agreement, the minimum insurance coverage and limits are as follows:

2.3.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Agreement and Employers Liability insurance with minimum limits of \$100,000 for Bodily Injury-each accident, \$500,000 for Bodily Injury by disease-policy limits and \$100,000 for Bodily Injury by disease-each employee.

2.3.2 Commercial General Liability insurance with minimum limits of: \$10,000,000 General Aggregate limit; \$5,000,000 each occurrence sub-limit for all bodily injury or property Damage incurred in any one occurrence; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising;

- \$10,000,000 Products/Completed Operations Aggregate limit, with a \$5,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of \$2,000,000 are also required if this Agreement involves collocation. The other Party must be named as an Additional Insured on the Commercial General Liability policy.
- 2.3.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property Damage, which coverage shall extend to all owned, hired and non-owned vehicles.
- 2.3.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 2.3 through 2.3.3 of this Agreement.
- 2.3.5 The Parties agree that companies affording the insurance coverage required under Section 2.3 shall have a rating of B+ or better and a Financial Size Category rating of VII or better, as rated in the A.M. Best Key Rating Guide for Property and Casualty Insurance Companies. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance coverage.
- 2.3.6 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.
- 2.3.7 Each Party agrees to accept the other Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:
- 2.3.7.1 The Party desiring to satisfy its Workers' Compensation and Employers Liability obligations through self-insurance shall submit to the other Party a copy of its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by the State of Oklahoma covered by this Agreement or the employee's state of hire; and
- 2.3.7.2 The Party desiring to satisfy its automobile liability obligations through self-insurance shall submit to the other Party a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Agreement; and
- 2.3.7.3 The Party desiring to satisfy its general liability obligations through self-insurance must provide evidence acceptable to the other Party that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.
- 2.3.8 This Section 2.3 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.
- 2.4 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert its state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services on the signature page of this Agreement and provide AT&T with a copy.
- 2.5 When an end user changes its service provider from AT&T to CLEC or from CLEC to AT&T and does not retain its former telephone number, AT&T will make available to the CLEC the ability to order and provision a Referral Announcement on the original telephone number to announce the new telephone number. The Party formerly providing service shall be responsible for furnishing the Referral Announcement Service pursuant to regulatory requirements provided such Announcement is requested for the original telephone number.

- 2.6 Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees threatens to materially delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.
- 2.7 This Agreement contains comprehensive OSS terms and conditions. CLEC represents, warrants and covenants that it will only use OSS furnished pursuant to this Agreement for activities related to UNEs, resold services or other services covered by this Agreement, and for which this Agreement contains explicit rates, terms, and conditions.
- 2.8 The Parties acknowledge and agree that the CLEC will not order products and services not included within this agreement. The Parties acknowledge and agree that AT&T will bill the CLEC for products and services included within this Agreement in accordance with the prices included within this Agreement for the products and services. Accordingly, if this Agreement is executed and/or approved by the Commission and the Parties later discover that a product or service is included in this Agreement without an associated rate or charge, the Parties will agree upon a rate or charge to include in this Agreement for billing of said products and services. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.
- 2.9 Intentionally Left Blank.
- 2.10 AT&T will make available any entire interconnection agreement approved by a regulatory commission under Section 252 of the Act to which it is a party to any other requesting telecommunications carrier upon the same terms and conditions as those provided in the agreement in accordance with Section 252(i) of the Act, as that Section has been interpreted in Applicable Law.

3. ASSURANCE OF

- 3.1 Upon request by AT&T, CLEC will provide AT&T with adequate assurance of payment of amounts due (or to become due) to AT&T.
- 3.2 Assurance of payment may be requested by AT&T if:
 - 3.2.1 at the Effective Date CLEC had not already established satisfactory credit by having made a least twelve (12) consecutive months of timely payments to AT&T for charges incurred as a CLEC; or
 - 3.2.2 CLEC fails to timely pay a bill rendered to CLEC by AT&T (except such portion of a bill that is subject to a good faith, bona fide dispute and as to which CLEC has complied with all requirements set forth in Section 13.4); or
 - 3.2.3 when AT&T sends CLEC the second delinquency notification during the most recent twelve (12) months; or
 - 3.2.4 when AT&T suspends CLEC's ability to process orders in accordance with Section 14.4.1; or
 - 3.2.5 when CLEC files for protection under the bankruptcy laws; or when an involuntary petition in bankruptcy is filed against CLEC and is not dismissed within sixty (60) days; or
 - 3.2.6 when this Agreement expires or terminates.
- 3.3 The Cash Deposit or Letter of Credit must be in an amount equal to two (2) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), as reasonably determined by AT&T, for the Interconnection, Resale Services, Unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by AT&T under this Agreement.

- 3.4 To the extent that a CLEC elects to make a Cash Deposit, the Parties intend that the provision of such Cash Deposit shall constitute the grant of a security interest in the Cash Deposit pursuant to Article 9 of the Uniform Commercial Code in effect in any relevant jurisdiction.
- 3.4.1 For the purposes of this Section, interest will be calculated as specified in Section 9.2.1 and shall be credited to CLEC's account at the time that the cash deposit is credited to CLEC's account.
- 3.4.2 So long as CLEC maintains timely compliance with its payment obligations, AT&T will not increase the deposit amount required. If CLEC fails to maintain timely compliance with its payment obligations, AT&T reserves the right to require additional deposit(s) in accordance with this Section 3.
- 3.5 If during the first six (6) months of operations, CLEC has been sent one delinquency notification letter by AT&T, the deposit amount shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:
- 3.5.1 for AT&T for a two (2) month period exceeds the deposit amount held; or
- 3.6 Throughout the Term, any time CLEC has been sent two (2) delinquency notification letters by AT&T, the deposit amount shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:
- 3.6.1 for AT&T for a two (2) month period exceeds the deposit amount held; or
- 3.7 Whenever a deposit is re-evaluated as specified in Section 3.5 or Section 3.6, such deposit shall be calculated in an amount equal to the average billing to CLEC in Missouri for a two (2) month period. The most recent three (3) months billing on all of CLEC's CBAs and BANs for Resale Services or Network Elements within the State of Missouri shall be used to calculate CLEC's monthly average.
- 3.7.1 After calculating the amount equal to the average billing to CLEC for a two (2) month period in Missouri, AT&T shall add the amount of any charges that would be applicable to transfer all of CLEC's then-existing End-Users of Resale Services to AT&T in the event of CLEC's disconnection for non-payment of charges. The resulting sum is the amount of the deposit.
- 3.8 If AT&T draws on the Letter of Credit or Cash Deposit, upon request by AT&T, CLEC will provide a replacement or supplemental letter of credit or cash deposit conforming to the requirements of Section 3.3.
- 3.9 Notwithstanding anything else set forth in this Agreement, if AT&T makes a request for assurance of payment in accordance with the terms of this Section, then AT&T shall have no obligation thereafter to perform under this Agreement until such time as CLEC has furnished AT&T with the assurance of payment requested; provided, however, that AT&T will permit CLEC a minimum of twelve (12) Business Days to respond to a request for assurance of payment before invoking this Section.
- 3.9.1 Any cash deposit requirement may be satisfied in whole or in part with an irrevocable bank letter of credit acceptable to AT&T, or a surety bond underwritten by a company approved by the Missouri Insurance Department to underwrite such surety bonds. No interest shall be paid by AT&T for any portion of the deposit requirement satisfied by an irrevocable bank letter of credit or surety bond. AT&T may demand payment from the issuing bank or bonding company of any irrevocable bank letter of credit or surety bond upon the occurrence of any of the events listed in Section 3.2.3 through 3.2.6.
- 3.10 The fact that AT&T holds either a cash deposit or irrevocable bank letter of credit does not relieve CLEC from timely compliance with its payment obligations under this Agreement.

4. EFFECTIVE DATE AND TERM OF AGREEMENT

- 4.1 The Effective Date of this Agreement (the "Effective Date") shall be as follows: (i) unless this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252 of the Act, then the Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act; or (ii) if this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252, then the Effective Date shall be the date upon which the Commission approves the Agreement under the Act, or absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act.
- 4.2 The Agreement shall expire on January 8, 2013. Absent the receipt by one Party of written notice from the other Party not earlier than 180 calendar days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term ("Notice of Expiration"), this Agreement shall remain in full force and effect, on a month to month basis, on and after the expiration of the Term until terminated by either Party.
- 4.2.1 If either Party serves Notice of Expiration pursuant to Section 4.2, CLEC shall have twenty (20) calendar days to provide AT&T written confirmation if CLEC wishes to pursue a successor agreement with AT&T or alternatively, if CLEC wishes to allow the current Agreement to expire. If CLEC wishes to pursue a successor agreement with AT&T, CLEC shall attach to its written confirmation or Notice of Expiration, as applicable, a written request to commence negotiations with AT&T under Sections 251/252 of the Act. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement.
- 4.2.1.1 If CLEC does not affirmatively state that it wishes to pursue a successor agreement with AT&T in its, as applicable, Notice of Expiration or the written confirmation required after receipt of AT&T's Notice of Expiration, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC provided or received Notice of Expiration. Unless otherwise agreed by the Parties, if the Term of this Agreement has expired, on the ninety-first (91st) day following CLEC provided or received Notice of Expiration, the Parties shall have no further obligations under this Agreement except those described in Section 50 of this Agreement, including but not limited to the obligations described in Section 4.11 below.
- 4.3 CLEC may terminate this Agreement in whole or in part at any time for any reason upon sixty (60) days prior notice but its liabilities and obligations shall continue in accordance with Section 50 below.
- 4.4 If either Party desires to negotiate a successor agreement to this Agreement, such Party must provide the other Party with a written request to negotiate such successor agreement (Request to Negotiate / Notice of Expiration or "Request/Notice") not earlier than 365 calendar days prior to the expiration and not later than 180 calendar days prior to the expiration of this Agreement.
- 4.5 If a Request/Notice is not received pursuant to Section 4.4 then this Agreement shall remain in full force and effect on and after the expiration of the Term on a month-to-month basis until terminated pursuant to this Section or Section 4.8 or 4.10. During any month-to-month extension of this Agreement, the rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which AT&T received CLEC's Section 252(a)(1) Request to Negotiate.
- 4.6 If CLEC submits a Request under Sections 251/252(i) of the Act for a successor agreement or AT&T submits a Notice, the Request/Notice does not activate the negotiation timeframe set forth in this

- Agreement, If CLEC's Request is pursuant to Section 252(a)(1), CLEC will delineate the items desired to be negotiated. Not later than 45 days from receipt of said Request/Notice, the receiving Party will notify the sending Party of additional items desired to be negotiated, if any. The Parties will begin negotiations not later than 135 days prior to expiration of this Agreement. If CLEC's Request is made pursuant to Section 252(i), the Agreement selected for adoption will be prepared for execution by the Parties.
- 4.7 If at any time during the Section 252(a)(1) negotiation process (whether prior to or after the expiration date or termination date of this Agreement), CLEC withdraws its Section 252(a)(1) request, CLEC must include in its notice of withdrawal either a request to adopt a successor agreement under Section 252(i) of the Act or an affirmative statement that CLEC does not wish to pursue a successor agreement with AT&T for the State of Missouri. The rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the term of this Agreement, or 2) the effective date of the successor agreement being adopted under Section 252(i) as set forth above.
- 4.8 If the CLEC fails to timely respond to AT&T's Section 4.2 Notice, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the Term of this Agreement, or 2) the expiration of one hundred twenty (120) calendar days after the date CLEC provided its Request or received AT&T 's Notice. If the Term of this Agreement has expired, on the one hundred twenty-first (121st) day following CLEC's Request or receipt of AT&T 's Notice, the Parties shall have no further obligations under this Agreement except those set forth in Section 4.11 of this Agreement.
- 4.9 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement, and the other Party fails to cure such nonperformance or breach within forty-five (45) business days after written notice thereof. Any termination of this Agreement pursuant to this Section shall take effect immediately upon delivery of written notice to the other Party that it failed to cure such nonperformance or breach within forty-five (45) business days after written notice thereof.
- 4.9.1 As long as a non-paying Party has disputed unpaid amounts in good faith and pursuant to the terms of this Agreement, non-payment is not to be deemed, nor should it be construed as, a material breach of this Agreement.
- 4.10 If pursuant to Section 4.2 this Agreement continues in full force and effect on a month-to-month basis after the expiration of the Term, either Party may terminate this Agreement by delivering written notice to the other Party of its intention to terminate this Agreement, subject to Sections 4.4, and 4.5. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section other than its obligations under Sections 4.4 and 4.5.
- 4.11 Upon termination or expiration of this Agreement:
- 4.11.1 Each Party shall continue to comply with its obligations set forth in Section 50 Survival of Obligations; and
- 4.11.2 Each Party shall promptly pay all amounts including any late payment charges owed under this Agreement.
- 4.12 In the event of expiration or termination of this Agreement other than pursuant herein, AT&T and CLEC shall cooperate in good faith to effect an orderly and timely transition of service provided under this Agreement to CLEC or to another vendor but in any event not later than the 120th day after the expiration or termination of this Agreement. So long as CLEC fulfills said obligation to effect an orderly and timely transition of service, and continues to pay AT&T for the charges incurred during the

transition of service, AT&T shall not terminate service to CLEC's end users and such service shall be provided pursuant to the terms of the interconnection agreement during this transition period. In the event CLEC withdraws from providing local service, it shall not prevent (from an operational or administrative standpoint) its end users from being transitioned to a new LEC. AT&T and CLEC shall continue their responsibilities under the terms and conditions of the terminated or expired Agreement for any order submitted to AT&T in connection with this transition of service.

- 4.13 Should CLEC adopt another Commission-approved interconnection agreement pursuant to Section 252(i) of the Act and 47 C.F.R. § 51.809, such agreement shall expire on the same date that the adopted agreement expires. All monetary obligations of the Parties to one another under the immediately previous interconnection agreement between the Parties shall remain in full force and effect and shall constitute monetary obligations of the Parties under this Agreement.

5. ASSIGNMENT AND NAME CHANGE

5.1 Assignment of Contract

5.1.1 CLEC may not assign or transfer this Agreement or any rights or obligations hereunder, whether by operation of law or otherwise, to a non-affiliated third party without the prior written consent of AT&T. Any attempted assignment or transfer that is not permitted is void *ab initio*.

5.1.2 CLEC may assign or transfer this Agreement and all rights and obligations hereunder, whether by operation of law or otherwise, to its Affiliate by providing sixty (60) calendar days' advance written notice of such assignment or transfer to AT&T ; provided that such assignment or transfer is not inconsistent with Applicable Law (including the Affiliate's obligation to obtain and maintain proper Commission certification and approvals) or the terms and conditions of this Agreement. Notwithstanding the foregoing, CLEC may not assign or transfer this Agreement, or any rights or obligations hereunder, to its Affiliate if that Affiliate is a party to a separate agreement with AT&T under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void *ab initio*.

5.2 Company Code Change

5.2.1 Any assignment or transfer of an interconnection agreement associated with the transfer or acquisition of "assets" provisioned under that interconnection agreement, where the OCN/ACNA formerly assigned to such "assets" is changing constitutes a CLEC Company Code Change. For the purposes of this Section, "assets" means any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided under that interconnection agreement. CLEC shall provide AT&T with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain AT&T's consent. AT&T shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, AT&T's consent to any CLEC Company Code Change is contingent upon cure of any outstanding charges owed under this Agreement and any outstanding charges associated with the "assets" subject to the CLEC Company Code Change. In addition, CLEC acknowledges that CLEC may be required to tender additional assurance of payment if requested under the terms of this Agreement.

5.2.2 For any CLEC Company Code Change, CLEC must submit a service order changing the OCN/ACNA for each End-User record and/or a service order for each circuit ID number, as applicable. CLEC shall pay the appropriate charges for each service order submitted to accomplish a CLEC Company Code Change; such charges are contained in the Appendix Pricing, Schedule of Prices. In addition, CLEC shall submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement. In addition, CLEC shall pay any and all charges required

for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.

- 5.3 Assignment of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service.
- 5.3.1 Any assignment or transfer of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide AT&T with ninety (90) calendar days advance written notice of any CLEC to CLEC Mass Migration. CLEC's written notice shall include the anticipated effective date of the assignment or transfer. The acquiring CLEC must cure any outstanding charges associated with any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service to be transferred. In addition, the acquiring CLEC may be required to tender additional assurance of payment if requested under the terms of the acquiring CLEC's agreement.
- 5.3.2 Both CLECs involved in any CLEC to CLEC Mass Migration shall comply with all Applicable Law relating thereto, including but not limited to all FCC and state Commission rules relating to notice(s) to End-Users. The acquiring CLEC shall be responsible for issuing all service orders required to migrate any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided hereunder. The appropriate service order charge or administration fee (for interconnection) will apply as specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's interconnection agreement. The acquiring CLEC shall also submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. In addition, the acquiring CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.
- 5.4 Project Coordination
- 5.4.1 AT&T will provide project management support to effectuate changes of the types identified in Sections 5.4.2.
- 5.4.2 AT&T will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should AT&T's most current version of LSOR or ASOR guidelines not support the required order activity, AT&T will issue service orders at the manual rate, as specified in the Appendix Pricing, Schedule of Prices to this Agreement, based upon type of service provided, and on the condition that CLEC provides to AT&T any and all information AT&T reasonably requests to effectuate such changes.
- 5.5 In the event that either Party makes any corporate name change (including addition or deletion of a d/b/a), change in OCN/AECN, or makes or accepts a transfer or assignment of interconnection trunks or facilities (including leased facilities), or there is a change in any other company identifier (collectively, an "OCN/Name Change"), the changing Party shall submit written notice to other Party within thirty (30) calendar days of the first action taken to implement such OCN/Name Change. This section does not apply to the repair and/or operator services announcement recordings, where the Parties shall pay the applicable charges outlined in the Pricing Appendix associated with recording and otherwise updating any branding or announcement(s), and applicable service order charges. In the event of any other OCN/AECN Change, the Parties agree that at such time as a Party makes an OCN/AECN Change the Parties shall negotiate whether any OCN/AECN Change charges are appropriate and the scope of such charges, if any, unless otherwise ordered by the Commission.

6. CONFIDENTIALITY AND PROPRIETARY INFORMATION

- 6.1 For the purposes of this Agreement, "Confidential Information" means confidential or proprietary technical or business information given by the Discloser to the Recipient. All such information which is disclosed by one party to the other in connection with this Agreement, during negotiations and the term of this Agreement, will automatically be deemed proprietary to the Discloser and subject to this Agreement, unless otherwise confirmed in writing by the Discloser. In addition, by way of example and not limitation, all orders for Resale Services, Network Elements or Combinations placed by CLEC pursuant to this Agreement, and information that would constitute Customer Proprietary Network Information of CLEC's customers pursuant to the Act and the rules and regulations of the Federal Communications Commission (FCC), and call records and Recorded Usage Data as described in Attachment 24 – Recording-Facilities Based, whether disclosed by CLEC to AT&T or otherwise acquired by AT&T in the course of the performance of this Agreement, will be deemed Confidential Information of CLEC for all purposes under this Agreement. Unless otherwise agreed, if a Party is required to submit information about one or more CLECs to a regulatory or judicial body, the obligations of confidentiality and non-use set forth in this Agreement do not apply to such Confidential Information that is so commingled with the Receiving Party or a third party's information such that disclosure could not possibly reveal the underlying proprietary or confidential information.
- 6.2 For a period of five (5) years from the receipt of Confidential Information from the Discloser, except as otherwise specified in this Agreement, the Recipient agrees (a) to use it only for the purpose of performing under this Agreement, (b) to hold it in confidence and disclose it to no one other than its employees having a need to know for the purpose of performing under this Agreement, and (c) to safeguard it from unauthorized use or disclosure using at least the same degree of care with which the Recipient safeguards its own Confidential Information. If the Recipient wishes to disclose the Discloser's Confidential Information to a third-party agent or consultant, such disclosure must be agreed to in writing by the Discloser, and the agent or consultant must have executed a written agreement of nondisclosure and nonuse comparable in scope to the terms of this Section.
- 6.3 The Recipient may make copies of Confidential Information only as reasonably necessary to perform its obligations under this Agreement. All such copies will be subject to the same restrictions and protections as the original and will bear the same copyright and proprietary rights notices as are contained on the original.
- 6.4 The Recipient agrees to return all Confidential Information in tangible form received from the Discloser, including any copies made by the Recipient within thirty (30) days after a written request is delivered to the Recipient, or to destroy all such Confidential Information if directed to do so by Discloser except for Confidential Information that the Recipient reasonably requires to perform its obligations under this Agreement. If either Party loses or makes an unauthorized disclosure of the other Party's Confidential Information, it will notify such other party immediately and use reasonable efforts to retrieve the lost or wrongfully disclosed information.
- 6.5 The Recipient will have no obligation to safeguard Confidential Information: (a) which was in the possession of the Recipient free of restriction prior to its receipt from the Discloser, (b) after it becomes publicly known or available through no breach of this Agreement by the Recipient; (c) after it is rightfully acquired by the Recipient free of restrictions on its disclosure; or (d) after it is independently developed by personnel of the Recipient to whom the Discloser's Confidential Information had not been previously disclosed. In addition, either Party will have the right to disclose Confidential Information to any mediator, arbitrator, state, or federal regulatory body, or a court in the conduct of any mediation, arbitration or approval of this Agreement, so long as, in the absence of an applicable protective order, the Discloser has been promptly notified by the Recipient and so long as the Recipient undertakes all lawful measures to avoid disclosing such information until Discloser has had reasonable time to negotiate a protective order with any such mediator, arbitrator, state or regulatory body or a court, and complies with any protective order that covers the Confidential Information.

- 6.6 The Parties acknowledge that an individual customer may simultaneously seek to become or be a customer of both Parties. Nothing in this Agreement is intended to limit the ability of either Party to use customer specific information lawfully obtained from customers or sources other than the Disclosing Party.
- 6.7 Each Party's obligations to safeguard Confidential Information disclosed prior to expiration or termination of this Agreement will survive such expiration or termination.
- 6.8 Except as otherwise expressly provided elsewhere in this Agreement, no license is hereby granted under any patent, trademark, or copyright, nor is any such license implied solely by virtue of the disclosure of any Confidential Information.
- 6.9 Each Party agrees that the Discloser may be irreparably injured by a disclosure in breach of this Agreement by the Recipient or its representatives and the Discloser will be entitled to seek equitable relief, including injunctive relief and specific performance, in the event of any breach or threatened breach of the confidentiality provisions of this Agreement. Such remedies will not be deemed to be the exclusive remedies for a breach of this Agreement, but will be in addition to all other remedies available at law or in equity.

7. LIABILITY AND INDEMNIFICATION

7.1 Limitation of Liabilities

7.1.1 Except as specifically provided in Attachment 25: DSL, the Parties' liability to each other during any Contract Year resulting from any and all causes, other than as specified below in Sections 7.3.3, following, and for willful or intentional misconduct (including gross negligence), will not exceed the total of any amounts charged to CLEC by AT&T under this Agreement during the Contract Year in which such cause accrues or arises. For purposes of this Section, the first Contract Year commences on the first day this Agreement becomes effective and each subsequent Contract Year commences on the day following that anniversary date.

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7.2 No Consequential Damages

7.2.1 EXCEPT AS OTHERWISE PROVIDED IN ATTACHMENT 17, NEITHER CLEC NOR AT&T WILL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, INCIDENTAL CONSEQUENTIAL, RELIANCE, OR SPECIAL DAMAGES SUFFERED BY SUCH OTHER PARTY (INCLUDING WITHOUT LIMITATION DAMAGES FOR HARM TO BUSINESS, LOST REVENUES, LOST SAVINGS, OR LOST PROFITS SUFFERED BY SUCH OTHER PARTY), REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, WARRANTY, STRICT LIABILITY, OR TORT, INCLUDING WITHOUT LIMITATION, NEGLIGENCE OF ANY KIND WHETHER ACTIVE OR PASSIVE, AND REGARDLESS OF WHETHER THE PARTIES KNEW OF THE POSSIBILITY THAT SUCH DAMAGES COULD RESULT. EACH PARTY HEREBY RELEASES THE OTHER PARTY (AND SUCH OTHER PARTY'S SUBSIDIARIES AND AFFILIATES, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS) FROM ANY SUCH CLAIM. NOTHING CONTAINED IN THIS SECTION WILL LIMIT THE LIABILITY OF EITHER AT&T OR CLEC TO THE OTHER FOR (i) WILLFUL OR INTENTIONAL MISCONDUCT (INCLUDING GROSS NEGLIGENCE); (ii) BODILY INJURY, DEATH, OR DAMAGE TO TANGIBLE REAL OR TANGIBLE PERSONAL PROPERTY PROXIMATELY CAUSED BY THE NEGLIGENT ACT OR OMISSION OF EITHER PARTY HERETO OR THE NEGLIGENT ACT OR OMISSION OF THEIR RESPECTIVE AGENTS,

SUBCONTRACTORS OR EMPLOYEES, NOR WILL ANYTHING CONTAINED IN THIS SECTION LIMIT THE PARTIES' INDEMNIFICATION OBLIGATIONS, AS SPECIFIED BELOW. ADDITIONALLY, NOTHING CONTAINED IN THIS SECTION SHALL EXCLUDE OR LIMIT THE LIABILITY OF EITHER PARTY WITH RESPECT TO OBLIGATIONS UNDER THE FINANCIAL INCENTIVE OR REMEDY PROVISIONS OF ANY SERVICE QUALITY PLAN REQUIRED BY THE FCC OR THE COMMISSION OR BILL CREDIT REMEDIES AND DAMAGES IN CONNECTION WITH FAILURE TO PROVIDE ADEQUATE CARRIER-TO-CARRIER SERVICE QUALITY OR TO MEET THE PERFORMANCE MEASUREMENTS AS SET FORTH IN ATTACHMENT 17 TO THIS AGREEMENT.

7.3 Obligation to Indemnify

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7.3.2 Intentionally Left Blank.

7.3.3 Each Party will and hereby agrees to defend at the other's request, indemnify, and hold harmless the other Party and each of its officers, directors, employees, and agents (each, an Indemnitee) against and in respect of any loss, debt, liability, damage, obligation, claim, demand, judgment, or settlement of any nature or kind, known or unknown, liquidated or unliquidated, including without limitation all reasonable costs and expenses incurred (legal, account or otherwise) (collectively, Damages) arising out of, resulting from, or based upon any pending or threatened Claim, action, proceeding or suit by any third party (a Claim) (i) alleging any omissions, breach of any representation, warranty, or covenant made by such indemnifying Party (the Indemnifying Party) in this Agreement, (ii) based upon injuries or damages to any person or property or the environment arising out of or in connection with this Agreement that are the result of the Indemnifying Party's actions, breach of Applicable Law, or the actions, omissions or status of its employees, agents, and subcontractors and with regard to Operation Support Systems (OSS), in addition to the foregoing, any actions or claims relating to a) any unauthorized entry or access into, or use or manipulation of AT&T OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC; b) failure to perform accurate and correct ordering including Resale and UNE services, rates, and charges, subject to the terms of this Agreement c) any claim made by an end user of CLEC or other third parties against AT&T caused by or related to CLEC's inaccurate use of any AT&T OSS. Indemnification for OSS shall also include any necessary and reasonable labor expenses incurred by AT&T related to such inaccurate or improper use of OSS.

7.3.3.1 In the case of any Loss alleged or Claim made by an end user of either Party, the Party whose end user alleged or made such loss ("Indemnifying Party") shall defend and indemnify the other party (Indemnified Party) against any and all such claims or loss by its end users regardless of whether the underlying service was provided or unbundled element was provisioned by the Indemnified Party, unless the loss was caused by the gross negligence or intentional or willful misconduct or breach of applicable law of the other (Indemnified) Party.

7.3.4 CLEC acknowledges that its right under this Agreement to interconnect with AT&T 's network and to unbundle and/or combine AT&T 's unbundled network elements (including combining with CLEC's network elements) may be subject to or limited by Intellectual Property rights (including without limitation, patent, copyright, trade secret, trade mark, service mark, trade name and trade dress rights) and contract rights of third parties.

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7.3.6 Intentionally Left Blank.

- 7.3.7 Intentionally Left Blank.
- 7.3.8 CLEC acknowledges that services and facilities to be provided by AT&T hereunder may use or incorporate products, services or information proprietary to third party vendors and may be subject to third party intellectual property rights. In the event that proprietary rights restrictions in agreements with such third party vendors do not permit AT&T to provide to CLEC, without additional actions or costs, particular Unbundled Network Element(s) otherwise required to be made available to CLEC under this Agreement, then, as may be required by applicable state or federal law:
- 7.3.8.1 AT&T agrees to provide written notification to CLEC, directly or through a third party, of such restrictions that extend beyond restrictions otherwise imposed under this Agreement or applicable Tariff restrictions; and
- 7.3.8.2 For any new agreements that AT&T enters into or existing agreements that it renews, AT&T shall use its best efforts to procure rights or licenses to allow AT&T to provide to CLEC the particular Unbundled Network Element(s), on terms comparable to terms provided to AT&T, directly or on behalf of CLEC ("Additional Rights/Licenses").
- 7.3.8.3 For any new agreements that AT&T enters into or existing agreements that it renews, in the event that AT&T, after using its best efforts, is unable to procure Additional Rights/Licenses for CLEC, AT&T will promptly provide written notification CLEC of the specific facilities or equipment (including software) that it is unable to provide pursuant to the license, as well as any and all related facilities or equipment; the extent to which it asserts CLEC's use has exceeded (or will exceed) the scope of the license; and the specific circumstances that prevented it from obtaining the revised provisions.
- 7.3.8.4 In the event CLEC provides in writing within thirty (30) calendar days of written notice in section (c) above that AT&T has not exercised such best efforts, CLEC may seek a determination through an expedited petition to the Missouri Public Service Commission as to whether AT&T has exercised such best efforts.
- 7.3.8.5 If and to the extent AT&T is unable to make all warranties required pursuant to this agreement without additional costs, including payment of additional fees, in renegotiating with its vendors or licensors, AT&T may seek recovery of such costs as are reasonable. Such additional costs shall be shared among all requesting carriers, including AT&T, provided, however, all costs associated with the extension of Intellectual Property rights to CLEC pursuant to Section 7.3.8.2, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be a part of the cost of providing the unbundled network element to which the Intellectual Property rights relate and apportioned to all requesting carriers using that unbundled network element including AT&T.
- 7.3.9 Both Parties agree to promptly inform the other of any pending or threatened Intellectual Property Claims of third parties that may arise in the performance of this Agreement.
- 7.3.10 Any Intellectual Property originating from or developed by a Party shall remain in the exclusive ownership of that Party. Notwithstanding the exclusive ownership of Intellectual Property originated by a Party, the Party that owns such Intellectual Property will not assess a separate fee or charge to the other Party for the use of such Intellectual Property to the extent used in the provision of a product or service, available to either party under this Agreement, that utilizes such Intellectual Property to function properly.
- 7.4 Obligation to Defend; Notice; Cooperation

7.4.1 Whenever a Claim will arise for indemnification under this Section, the relevant Indemnitee, as appropriate, will promptly notify the Indemnifying party and request the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party will not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such Claim. The Indemnifying Party will have the right to defend against such liability or assertion in which event the Indemnifying Party will give written notice to the Indemnitee of acceptance of the defense of such Claim and the identity of counsel selected by the Indemnifying Party. Except as set forth below, such notice to the relevant Indemnitee will give the Indemnifying Party full authority to defend, adjust, compromise, or settle such Claim with respect to which such notice will have been given, except to the extent that any compromise or settlement might prejudice the Intellectual Property Rights of the relevant Indemnities. The Indemnifying Party will consult with the relevant Indemnitee prior to any compromise or settlement that would affect the Intellectual Property Rights or other rights of any Indemnitee, and the relevant Indemnitee will have the right to refuse such compromise or settlement and, at the refusing Party's cost, to take over such defense, provided that in such event the Indemnifying Party will not be responsible for, nor will it be obligated to indemnify the relevant Indemnitee against any cost or liability in excess of such refused compromise or settlement. With respect to any defense accepted by the Indemnifying Party, the relevant Indemnitee will be entitled to participate with the Indemnifying Party in such defense if the Claim requests equitable relief or other relief that could affect the rights of the Indemnitee and also will be entitled to employ separate counsel for such defense at such Indemnitee's expense. In the event the Indemnifying Party does not accept the defense of any indemnified Claim as provided above, the relevant Indemnitee will have the right to employ counsel for such defense at the expense of the Indemnifying Party. Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such Claim.

8. COMPLIANCE AND CERTIFICATION

- 8.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.
- 8.2 Each Party warrants that it has obtained all necessary state certification required in Missouri prior to ordering any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.
- 8.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.
- 8.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

9. PAYMENT OF RATES AND CHARGES

- 9.1 Except as otherwise specifically provided elsewhere in this Agreement, the Parties will pay all undisputed rates and charges due and owing under this Agreement on or before the next bill date. For purposes of this Agreement, the "Bill Due Date" shall be defined to mean a calendar month from the bill date.
- 9.2 If CLEC fails to remit payment for any charges by the Bill Due Date, or if payment for any portion of the charges is received from CLEC after the Bill Due Date, or if payment for any portion of the charges is received in funds which are not immediately available to AT&T as of the Bill Due Date (individually and

collectively, "Past Due"), then a late payment charge will be assessed as provided in Sections 9.2.1 and 9.2.2, as applicable.

- 9.2.1 If any charge incurred under this Agreement that is billed out of any AT&T billing system other than the AT&T Customer Records Information System (CRIS) becomes Past Due, the unpaid amounts shall bear interest from the day following the Bill Due Date until the day paid at the lesser of (i) the rate used to compute the Late Payment Charge in the AT&T intrastate access services tariff in that state or (ii) the highest rate of interest that may be charged under Missouri Law, as applicable, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available. The application of interest (at the rate set forth in the preceding sentence) to any Past Due charge incurred under this Agreement that is billed out of any AT&T billing system other than AT&T 's CRIS will comply with the process set forth in the AT&T intrastate access services tariff.
- 9.2.2 If any charge incurred under this Agreement that is billed out of AT&T's CRIS is Past Due, a late payment charge calculated as specified in Section 9.2.1 above will be assessed on any Past Due balance in Missouri, provided, however, the late payment charge shall not be applied to any balance to which the late payment charge was applied in a previous billing.
- 9.2.3 All billing disputes between the Parties shall be governed by this Section and Section 13.
- 9.3 If any portion of an amount due to a Party (the "Billing Party") under this Agreement is subject to a bona fide dispute between the Parties, the Party billed (the "Non-Paying Party") must, prior to the Bill Due Date, give written notice to the Billing Party of the amounts it disputes ("Disputed Amounts") and include in such written notice the specific details and reasons for disputing each item that is listed in Section 13.4.4. The Non-Paying Party should utilize any existing and preferred form provided by the Billing Party to provide written notice of disputes to the Billing Party. The Non-Paying Party must pay when due all undisputed amounts to the Billing Party.

10. **LIMITATION ON BACK-BILLING AND CREDIT CLAIMS:**

- 10.1 Any "back-billed" charges or "back-credits" will be placed as Other Charges and Credits (OCC) on the bill or will be listed on the Detail of Adjustments page. The billing party will, upon request of the billed party, separately provide the billed party with documentation in the way of detailed work papers to substantiate the entry.
- 10.2 Intentionally Left Blank.
- 10.3 Intentionally Left Blank.
- 10.4 Notwithstanding anything to the contrary in this Agreement, a Party shall be entitled to back-bill for or claim credit for any charges for services provided pursuant to this Agreement that are found to be unbilled, under-billed or over-billed, but only when such charges appeared or should have appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party provided written notice to the Billed Party of the amount of the back-billing or the Billed Party provided written notice to the Billing Party of the claimed credit amount. The Parties agree that the twelve (12) month limitation on back-billing and credit claims set forth in the preceding sentence shall be applied prospectively only after the Effective Date of this Agreement, meaning that the twelve month period for any back-billing or credit claims may only include billing periods that fall entirely after the Effective Date of this Agreement and will not include any portion of any billing period that began prior to the Effective Date of this Agreement.
- 10.4.1 The corrected bill shall be rendered within 45 calendar days of discovery of the error and the back billing must be accomplished during the life of the Interconnection Agreement. Payments are to be extended over the same amount of time in which the error occurred. For example, if

the back billing covers a five-month period, the CLEC will be allowed five months to make five equal payments. Back billing is not subject to late payment charges.

- 10.5 Back-billing and credit claims, as limited above, will apply to all Interconnection, Resale Services, Unbundled Network Elements, Collocation, facilities, functions, product and services purchased under this Agreement. Reciprocal Compensation is specifically excluded from this Section 10 and is addressed separately in Attachment 12 - Intercarrier Compensation.

11. DAILY USAGE FILE

- 11.1 AT&T will provide CLEC a specific Daily Usage File ("DUF" or "Usage Extract") for Resale Services usage sensitive services provided hereunder ("End User Usage Data"). Such End User Usage Data will be provided by AT&T in accordance with Exchange Message Interface (EMI) guidelines supported by OBF. Any exceptions to the supported formats will be noted in the DUF implementation requirements documentation for AT&T. The DUF will include (i) specific daily usage, including both Local Traffic (if and where applicable) and LEC-carried IntraLATA Toll Traffic, in EMI format for usage sensitive services furnished in connection with each Resale Service and Unbundled Network Element to the extent that similar usage sensitive information is provided to retail End Users of AT&T, (ii) with sufficient detail to enable CLEC to bill its End Users for usage sensitive services furnished by AT&T in connection with Resale Services provided by AT&T. Procedures and processes for implementing the interfaces with AT&T will be included in implementation requirements documentation.
- 11.2 To establish file transmission for the Daily Usage File, CLEC must provide to AT&T a separate written request no less than sixty (60) calendar days prior to the desired first transmission date for each file.
- 11.3 Unless otherwise specified in Appendix Alternate Billed Service, call detail for LEC-carried calls that are alternately billed to CLEC End Users' lines provided by AT&T through Resale will be forwarded to CLEC as rated call detail on the DUF.
- 11.4 AT&T will bill CLEC for Usage Extract furnished by AT&T in accordance with the price(s) provided in the applicable Schedule of Prices under "Electronic Billing Information."
- 11.5 Interexchange call detail on Resale Services that is forwarded to AT&T for billing, of the type which would otherwise be processed by AT&T for its retail End Users, will be returned to the IXC and will not be passed through to CLEC. This call detail will be returned to the IXC with a transaction code indicating that the returned call originated from a resold account. Billing for Information Services and other ancillary services traffic on Resale Services will be passed through when AT&T records the message.
- 11.6 CLEC is responsible for providing all billing information to each of its End Users, regardless of the method used to provision the End User's service.

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13. DISPUTE RESOLUTION

- 13.1 General Finality of Disputes
- 13.1.1 Except as otherwise specifically provided in this Agreement, no claims will be brought for disputes arising from this Agreement more than 24 months from the date the occurrence which gives rise to the dispute is discovered or reasonably should have been discovered with the exercise of due care and attention.
- 13.1.2 The Parties shall make a good faith effort to resolve their disputes within the timeframe identified in Section 13.3.1.

13.2 Alternative to Litigation

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

13.2.2 Notwithstanding any other section of this agreement, the Parties each reserve the right to utilize any available regulatory process available to them at the Commission as an alternative to litigation.

13.3 Informal Resolution of Disputes

13.3.1 In the case of any dispute other than one covered by Section 9.3, and at the written request of a Party, each Party will appoint a knowledgeable, responsible representative with authority to resolve the dispute. To initiate the informal dispute process, a Party must provide to the other Party, written notice of the dispute that includes both a detailed description of the dispute and the name of an individual who will serve as the initiating Party's representative. The other Party shall have five (5) business days to designate its own representatives. The location, form, frequency, and conclusion of these discussions will be left to the discretion of the representatives. Notwithstanding the foregoing, the informal dispute process must conclude within sixty (60) days from the receipt of written notice of dispute unless otherwise agreed to in writing by the Parties. Upon agreement, the representatives may utilize other alternative informal dispute resolution procedures such as mediation to assist in the negotiations. Settlement offers by both Parties are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. All other documents related to the dispute that are not prepared for purposes of the settlement offer are not so exempted and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

13.3.2 Customer-Affecting Disputes

Notwithstanding the other dispute resolution procedures set forth in this Agreement, a Party may seek emergency relief from the Commission for the resolution of any problem that interrupts or threatens to interrupt the service of either Party's customers. In such instance, the Parties agree to provide all filings and submissions required by the Commission on an expedited basis, in accordance with the practices and rules of the Commission.

13.3.3 If CLEC files a dispute and seeks interim relief from the Commission, then AT&T may not disconnect CLEC or suspend order acceptance over any open issues involved in the dispute until the Commission has finally ruled on the interim relief request.

13.3.4 Issues that may be disputed under this section include but are not limited to: (1) ordering and provisioning and maintenance and repair issues not resolved as provided for in the routine escalations processes; (2) parity issues; and, (3) adherence to and interpretation of this Agreement's terms and conditions. Billing Disputes will be handled pursuant to Section 13.4 of this Agreement.

13.4 Billing Disputes

13.4.1 The Parties agree that with respect to matters that are the subject of a billing dispute, the party disputing such billing may withhold payment of the disputed amount. If a billed amount is paid and subsequently disputed and ultimately determined to have been billed in error, interest shall be paid from the time payment was received through time it was refunded. The Parties further agree that if any billing dispute is resolved in favor of the billing Party the billing Party will

receive, in addition to the amount disputed, interest applied to the disputed amount as set forth in Section 9.2.1. Late payment charges shall not be assessed to disputed amounts.

13.4.2 To the extent that any other portions of this Agreement provide for a bill closure process between the parties, or if such a process is mutually agreed to by the Parties, the procedures involved in such processes will not be deemed to place a particular billing item in dispute for purposes of this Section.

13.4.3 To initiate the billing dispute process, a Party must provide to the other Party, written notice of the dispute that includes both a detailed description of the dispute and the name of a representative with authority to resolve the dispute who will serve as the initiating Parties' representative. The other Party shall have five (5) business days to designate its own representatives with authority to resolve the dispute. The location, form, frequency, and conclusion of these discussions will be left to the discretion of the representatives. The parties will endeavor to resolve the dispute within thirty (30) calendar days of the initiation of the dispute unless mutually agreed to extend the period in writing. Neither Party may deny a dispute without full explanation of its reasons for such denial. A dispute shall remain open unless the parties mutually agree to close the dispute.

13.4.4 In order to resolve a billing dispute, the disputing Party shall furnish written notice which shall include sufficient detail of and rationale for the dispute, including to the extent available, the (i) date of the bill in question, (ii) CBA/ESBA/ASBS or BAN number of the bill in question, (iii) telephone number(s) in question, (iv) circuit ID number or trunk number in question, (v) any USOC information relating to the item(s) questioned, (vi) amount billed, (vii) amount disputed, (viii) the reason the disputing Party disputes the billed amount, (ix) minutes of use disputed by jurisdictional category, and (x) the contact name, email address and telephone number.

13.4.4.1 If the disputing Party is not satisfied by the resolution of the billing dispute under this Section 13.4.4, the disputing Party may notify the Billing Party in writing that it wishes to invoke the formal Resolution of Disputes afforded pursuant to Section 13.5.

13.4.4.2 Unless otherwise specified or prescribed by Commission order, all billing true-ups will be administered by the billing Party for all components of the true-up, which shall be provided on the same bill invoice. True-up charges shall be separated from other charges on an invoice. True-ups will be implemented in a reasonable and timely manner and must provide sufficient detail for the billed Party to audit the bill.

13.5 Formal Resolution of Disputes

13.5.1 Except as otherwise specifically set forth in this Agreement, for all disputes arising out of or pertaining to this Agreement, including but not limited to matters not specifically addressed elsewhere in this Agreement that require clarification, renegotiation, modifications or additions to this Agreement, either Party may invoke dispute resolution procedures available pursuant to the complaint process of OCC. Upon mutual agreement, the Parties may seek commercial binding arbitration as specified in Section 13.6.

13.5.2 The Parties agree that the Dispute Resolution procedures set forth in this Agreement are not intended to conflict with applicable requirements of the Act or the complaint process pursuant to OCC rules with regard to procedures for the resolution of disputes arising out of this Agreement.

13.6 Arbitration

13.6.1 When both Parties agree to binding arbitration, disputes will be submitted to a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association or pursuant to such other provider of arbitration services or rules as the Parties may agree. Arbitration will be held in Dallas, Texas for AT&T Missouri unless the Parties agree otherwise.

The arbitration hearing will be requested to commence within 60 days of the demand for arbitration. The arbitrator will control the scheduling so as to process the matter expeditiously. The Parties may submit written briefs upon a schedule determined by the arbitrator. The Parties will request that the arbitrator rule on the dispute by issuing a written opinion within 30 days after the close of hearings. The Parties agree that, notwithstanding any rule of the AAA Commercial Arbitration Rules to the contrary, the arbitrator has no authority to order punitive, or consequential damages or any other Damages not measured by the prevailing Party's actual Damages, and may not, in any event, make any ruling, finding or award that does not conform to the terms and conditions of this Agreement. The times specified in this Section may be extended or shortened upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Each Party will bear its own costs of these procedures. The Parties will equally split the fees of the arbitration and the arbitrator. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

14. NON-PAYMENT AND PROCEDURES FOR DISCONNECTION

- 14.1 Failure to pay all or any portion of any amount required to be paid may be grounds for disconnection of Resale Services, Unbundled Network Elements under this Agreement. If a Party fails to pay any charges billed to it under this Agreement, including but not limited to any Late Payment Charges or miscellaneous charges ("Unpaid Charges"), and any portion of such Unpaid Charges remain unpaid after the Bill Due Date, the Billing Party will notify the Non-Paying Party in writing that in order to avoid disruption or disconnection of the Resale Services, Unbundled Network Elements furnished under this Agreement, the Non-Paying Party must remit all Unpaid Charges to the Billing Party within fifteen (15) Calendar Days following receipt of the Billing Party's notice of Unpaid Charges.
 - 14.1.1 AT&T will also provide any written notification to the Missouri Public Service Commission as required by applicable law.
- 14.2 If the Non-Paying Party desires to dispute any portion of the Unpaid Charges, the Non-Paying Party must complete all of the following actions not later than ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges:
 - 14.2.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed ("Disputed Amounts") and the specific details listed in Section 13.4 of this Agreement, together with the reasons for its dispute; and
 - 14.2.2 pay all undisputed Unpaid Charges to the Billing Party; and
- 14.3 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 13.
- 14.4 After expiration of the written notice furnished pursuant to Section 14.1 hereof, if CLEC continues to fail to comply with Section 14.2.1 through 14.2.2, inclusive, or make payment(s) in accordance with the terms of any mutually agreed payment arrangement, AT&T may, in addition to exercising any other rights or remedies it may have under Applicable Law, furnish a second written demand to CLEC for payment within ten (10) Calendar Days of any of the obligations enumerated in Section 14.2.1. On the day that AT&T provides such written demand to CLEC, AT&T may also exercise any or all of the following options:
 - 14.4.1 suspend acceptance of any application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and/or
 - 14.4.2 suspend completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement.

- 14.5 Notwithstanding anything to the contrary in this Agreement, AT&T's exercise of any of its options under Section 14.4, 14.4.1 and 14.4.2:
- 14.5.1 will not delay or relieve CLEC's obligation to pay all charges on each and every invoice on or before the applicable Bill Due Date, and
- 14.5.2 will exclude any affected application, request, order or service from any otherwise applicable performance interval, Performance Benchmark or Performance Measure.
- 14.6 A copy of the demand provided to CLEC under Section 14.4 will be provided to the Commission.
- 14.7 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section, will be made in writing and will be delivered by certified mail, and sent to the addresses stated in Section 15 and to the following:

To AT&T:

Manager of Collections and Credit
722 N. Broadway, 11th Floor
Milwaukee, WI 53202

To CLEC:

Michael McAlister
General Counsel
8525 Riverwood Park Drive
North Little Rock, AR 72113

- Either Party may from time-to-time designate another address or addressee by giving notice in accordance with the terms of this Section. Any notice or other communication will be deemed to be given when received.
- 14.8 If the Non-Paying Party fails to pay the Billing Party on or before the date specified in the demand letter provided under Section 14.4 of this Agreement, the Billing Party may, provided that the undisputed amount of the Unpaid Charges exceeds five percent (5%) of the aggregate amount billed by AT&T to CLEC for the immediately preceding month under this Agreement, in addition to exercising any other rights or remedies it may have under Applicable Law:
- 14.8.1 cancel any pending application, request or order for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and
- 14.8.2 disconnect any Resale Services, Unbundled Network Elements and/or Collocation furnished under this Agreement.
- 14.8.2.1 Notwithstanding any inconsistent provisions in this Agreement, disconnection of service by AT&T will comply with Missouri Public Service Commission rules.
- 14.9 Within five (5) calendar days following any such disconnection, AT&T will notify each Resale end user that because of CLEC's failure to pay AT&T, the end user's local service will continue for an additional thirty (30) calendar days and that the end user has thirty (30) calendar days from the disconnection date to select a new Local Service Provider.
- 14.10 If any Resale end user fails to select a new Local Service Provider within thirty (30) calendar days of the disconnection, AT&T may terminate the Resale end user's service.
- 14.11 AT&T will notify the Commission of the names of all Resale end users whose local service was terminated pursuant to Section 14.10.

14.12 CLEC shall be responsible for all charges for any service furnished by AT&T to any end user pursuant to Section 14.9 hereof.

14.13 Nothing in this Agreement shall be interpreted to obligate AT&T to continue to provide local service to any Resale end user beyond the thirty (30) calendar day selection period. Nothing herein shall be interpreted to limit any and all disconnection rights AT&T has with regard to such Resale end users under Applicable Law.

15. NOTICES

15.1 In the event any notices are required to be sent under the terms of this Agreement, they must be made in writing (unless specifically provided otherwise herein) they may be sent by mail, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested and are deemed to have been received five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service. Notice may also be given by personal delivery, or by overnight courier, and will be deemed given upon receipt of personal delivery; or by overnight courier and will be deemed given the next Business Day. Notice may also be provided by facsimile, provided a paper copy is also sent by another method described in this Section, which will be deemed given on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone. The Parties will provide the appropriate telephone and facsimile numbers to each other. Unless otherwise specifically provided in this Agreement, notice will be directed as follows:

15.2 If to CLEC:

Michael McAlister General Counsel
8525 Riverwood Park Drive
P.O. Box 13860
North Little Rock, AR 72113

15.3 If to AT&T:

Contract Management
ATTN: Notices Manager
Four AT&T Plaza, 9th Floor
311 S. Akard Street
Dallas, TX 75202-5398

Either Party may unilaterally change its designated representative and/or address, telephone contact number or facsimile number for the receipt of notices by giving ten (10) calendar days' prior written notice to the other Party in compliance with this Section. Any notice or other communication will be deemed given when received.

15.4 AT&T communicates official information to CLECs via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues. The parties acknowledge that the Accessible Letter Notification process in no way authorizes AT&T to unilaterally change, revise, supercede, amend, modify or otherwise alter the provisions of this agreement.

15.5 AT&T Accessible Letter notification will be via electronic mail ("e-mail") distribution. Accessible Letter notification via e-mail will be deemed given as of the transmission date set forth on the e-mail message.

15.6 CLEC may designate up to a maximum of ten (10) recipients for Accessible Letter notification via e-mail.

- 15.7 CLEC shall submit a completed Accessible Letter Recipient Change Request Form to the individual specified on that form to designate in writing each individual's e-mail address to whom CLEC requests Accessible Letter notification be sent. CLEC shall submit a completed Accessible Letter Recipient Change Request Form to add, remove or change recipient information for any CLEC recipient of AT&T's Accessible Letters. Any completed Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) calendar days following receipt by AT&T. AT&T may, at its discretion, change the process by which the CLEC provides Accessible Letter recipient information. Changes to this process will be developed through the CLEC User Forum process and will be implemented only with the concurrence of the CLEC User Forum Global Issues group.
- 15.8 AT&T shall provide a toll free facsimile number to CLEC for the submission of requests for Resale Services and Unbundled Network Elements under this Agreement; CLEC shall provide AT&T with a toll free facsimile number for notices from AT&T relating to requests for Resale Services and Unbundled Network Elements under this Agreement.

16. TAXES

- 16.1 Each Party purchasing Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transfer, transaction or similar taxes, fees, or surcharges (hereinafter "Tax") imposed on, or with respect to, the Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement provided by or to such Party, except for (a) any Tax on either party's corporate existence, status, or income or (b) any corporate franchise Taxes. Whenever possible, these Taxes shall be billed as a separate item on the invoice.
- 16.2 With respect to any purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement if any Tax is required or permitted by applicable law to be collected from the purchasing Party by the providing Party, then: (i) the providing Party shall bill the purchasing Party for such Tax; (ii) the purchasing Party shall remit such Tax to the providing Party; and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. The following provisions govern the backbilling of Taxes by the providing Party:
- 16.2.1 Taxes for which the purchasing Party is liable: with respect to Taxes for which the purchasing Party is liable, the providing Party shall use reasonable best efforts to bill the purchasing Party for such Tax simultaneously with the bill for service to which the Tax relates; however, the purchasing Party shall remain responsible for such Tax for the applicable statute of limitations period.
- 16.2.2 Taxes for which the providing Party is liable: With respect to Taxes for which the providing Party is liable, the providing Party may backbill the purchasing Party for any surcharges based on such Taxes and permitted by Applicable Law, subject to the same time limits that apply to the services to which the Taxes relate.
- 16.2.3 Notwithstanding Section 16.2.2 above, if as a result of a notice of proposed adjustment by a taxing authority, the taxing authority imposes a Tax on the providing party, the providing party may back bill the Tax to the purchasing party for a period, not to exceed four years from the date of the notice of proposed adjustment. In order for the providing party to be permitted to backbill a tax under this Section, the purchasing party must be notified of the audit determination from which the surcharge results, within 30 days of the notice of proposed adjustment but in no event less than ten days before the last day, under applicable law, for the purchasing party to exercise any rights it might have to contest the notice of proposed adjustment.
- 16.3 With respect to any purchase hereunder of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement that are resold to a third party, if any

- Tax is imposed by applicable law on the end user in connection with any such purchase, then: (i) the purchasing Party shall be required to impose and/or collect such Tax from the end user; and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.
- 16.4 If the providing Party fails to bill or to collect any Tax as required herein, then, as between the providing Party and the purchasing Party: (i) the purchasing Party shall remain liable for such uncollected Tax to the extent provided in Section 16.2 above and all subsections thereunder; and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.
- 16.5 If the purchasing Party fails to impose and/or collect any Tax from end users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from end users, the purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.
- 16.6 If either Party is audited by a taxing authority or other governmental entity, the other Party agrees to reasonably cooperate 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.
- 16.7 To the extent a sale is claimed to be for resale tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any period prior to the date that the purchasing Party presents a valid certificate. If applicable law excludes or exempts a purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party (a) furnishes the providing Party with a letter signed by an officer of the purchasing Party claiming an exemption and identifying the applicable law that both allows such exemption and does not require an exemption certificate; and (b) supplies the providing Party with an indemnification agreement, reasonably acceptable to the providing Party, which holds the providing Party harmless from any tax, interest, penalties, loss, cost or expense with respect to forbearing to collect such Tax.
- 16.8 With respect to any Tax or Tax controversy covered by this Section, the purchasing Party is entitled to contest with the imposing jurisdiction, pursuant to applicable law and at its own expense, any a Tax that it previously billed, or was billed that it is ultimately obligated to pay or collect. The purchasing Party will ensure that no lien is attached to any asset of the providing Party as a result of any contest. The purchasing Party shall be entitled to the benefit of any refund or recovery of amounts that it had previously paid resulting from such a contest. Amounts previously paid by the providing Party shall be refunded to the providing Party. The providing Party will cooperate in any such contest.
- 16.9 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section shall be sent in accordance with Section 11 hereof.

17. FORCE MAJEURE

17.1 Except as otherwise specifically provided in this Agreement, neither Party will be liable for any delay or failure in performance of any part of this Agreement (other than an obligation to make money payments) caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, labor disputes such as strikes and lockouts, freight embargoes, earthquakes, volcanic actions, wars, civil disturbances, cable cuts, or other causes beyond the reasonable control of the Party claiming excusable delay or other failure to perform. If a Force Majeure Event shall occur, the Party affected shall give prompt notice to the other Party of such Force Majeure Event specifying the nature, date of inception and expected duration of such Force Majeure Event, whereupon such obligation or performance shall be suspended to the extent such Party is affected by such Force Majeure Event during the continuance thereof or excused from such performance depending on the nature, severity and duration of such Force Majeure Event (and the other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use its reasonable efforts to avoid or remove the cause of nonperformance and the Parties shall give like notice and proceed to perform with dispatch once the causes are removed or cease.

18. PUBLICITY

18.1 The Parties agree not to use in any advertising or sales promotion, press releases or other publicity matters, any endorsements, direct or indirect quotes or pictures implying endorsement by the other Party or any of its employees without such Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all such publicity endorsement matters that mention or display the other's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied.

18.2 Neither Party will offer any services using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of the other Party or its affiliates without the other Party's written authorization.

19. NETWORK MAINTENANCE AND MANAGEMENT

19.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, etc.) to achieve this desired reliability.

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19.3 Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center. A facsimile (FAX) number must also be provided to facilitate event notifications for planned mass calling events. Additionally, both Parties agree that they will work cooperatively to ensure that all such events will attempt to be conducted in such a manner as to avoid disruption or loss of service to other end users. Each party maintains the right to implement basic protective controls such as "Cancel To" or "Call Gap."

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19.5 Intentionally Left Blank.

19.6 Intentionally Left Blank.

19.7 Intentionally Left Blank.

19.8 Neither Party will use any service provided under this Agreement in a manner that impairs the quality of service to other carriers nor is to either Party subscribers. Either Party will provide the other Party notice of said impairment at the earliest practicable time.

20. LAW ENFORCEMENT AND CIVIL PROCESS

20.1 Intercept Devices

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

20.2 Subpoenas

20.2.1 If a Party receives a subpoena for information concerning an end user the Party knows to be an end user of the other Party, the receiving Party will refer the subpoena to the requesting entity with an indication that the other Party is the responsible company. Provided, however, if the subpoena requests records for a period of time during which the receiving Party was the end user's service provider, the receiving Party will respond to any valid request, to the extent the receiving party is able to do so; if response requires the assistance of the other party such assistance will be provided if technically and legally feasible.

20.3 Law Enforcement Emergencies

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

21. CHANGES IN SUBSCRIBER CARRIER SELECTION

21.1 Each Party must obtain end user authorization prior to requesting a change in the end users' provider of local exchange service (including ordering end user specific Unbundled Network Elements) and must retain such authorizations pursuant to FCC and state rules. The Party submitting the change request assumes responsibility for applicable charges as specified in Subscriber Carrier Selection Changes at 47 CFR 64.1100 through 64.1170 and any applicable state regulations.

21.2 When an end user authorizes a change in his selection of local service provider or discontinues service, each party shall release the customer specific facilities. AT&T shall be free to connect the end user to any local service provider based upon the local service provider's request and assurance that proper end user authorization has been obtained. Further, when an end user abandons a premise (i.e., vacates a premise without disconnecting service), AT&T is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities per the local service provider's request. When a CLEC resale end user has abandoned a premise (i.e., vacates a premise without disconnecting service, CLEC will cooperate with the new local service provider to confirm that the premise is abandoned by providing a timely response to the new local service provider.

21.3 Neither Party shall be obligated by this Agreement to investigate any allegations of unauthorized changes in local exchange service ("slamming") on behalf of the other Party or a third party other than

as required by federal or state law. At CLEC's written request, AT&T will investigate an alleged incidence of slamming involving CLEC, and only in such CLEC authorized instances shall AT&T charge CLEC; providing such charge shall be a cost-based or mutually agreed fee for providing the investigation.

22. AMENDMENTS OR WAIVERS

- 22.1 Except as otherwise provided in this Agreement, no amendment or waiver of any provision of this Agreement and no consent to any default under this Agreement will be effective unless the same is in writing and signed by an officer of the Party against whom such amendment, waiver or consent is claimed. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition.
- 22.2 In order to execute an amendment to this Agreement, a Party shall request such amendment in writing. Such request shall include details regarding the section or sections to be amended and shall include the proposed language changes. Within 30 days from its receipt of the request, the other Party shall accept the proposed amendment in writing or shall deliver written notice to the other party either rejecting the requested amendment in its entirety, or inviting the prompt commencement of good faith negotiations to arrive at mutually acceptable terms. If the non-requesting Party rejects the requested amendment in its entirety, the requesting Party may request the prompt commencement of good faith negotiations to arrive at mutually acceptable terms, but there shall be no obligation on either Party to continue such negotiations longer than a period of 45 days if the Parties cannot arrive at mutually acceptable amendment terms. If mutually acceptable terms are not agreed upon with 45 days after the delivery of the written notice requesting the commencement of negotiations, or if at any time during this period (or a mutually agreed upon extension of this period,) the Parties have ceased to negotiate (other than by mutual agreement) for a period of 10 consecutive days, the amendment shall be resolved in accordance with the Dispute Resolution provisions set forth in Section 13 of this Agreement. Nothing in this Section shall affect the right of either Party to pursue an amendment to this Agreement pursuant to Section 23 (Intervening Law), or Section 252(i) of the Act.

23. INTERVENING LAW

- 23.1 This Agreement is the result of negotiations between the Parties and may incorporate certain provisions that resulted from arbitration by the appropriate state Commission(s). The Parties acknowledge that the respective rights and obligations of each Party as set forth in this Agreement are based on the following, as of October 20, 2004: the Act, the applicable rules, regulations and Orders promulgated under the Act by the FCC, and applicable Missouri statutes, rules, regulations and Commission orders, and judicial decisions by courts of competent jurisdiction interpreting and applying said federal and Missouri statutes, rules, regulations and Orders. In entering into this Agreement and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s) that are issued, rendered, or adopted after October 20, 2004. Additionally, each Party expressly reserves its intervening law rights relating to the following actions: Verizon v. FCC, et al, 535 U.S. 467 (2002); USTA, et. al v. FCC, 290 F.3d 415 (D.C. Cir. 2002); the impairment proceedings that will be heard before the Commission and any pending appeals (and following remand and appeal, USTA v. FCC, 359 F.2d 554 (D.C. Cir. 2004), that relate to, or arise from, the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98, and 98-147 (FCC 03-36) (the "TRO"), including, without limitation, the FCC's MDU Reconsideration Order (FCC 04-191) (rel. August 9, 2004) and the FCC's Order on Reconsideration (FCC 04-248) (rel. Oct. 18, 2004), and the FCC's Biennial Review Proceeding which the FCC announced, in its Triennial Review Order, is scheduled to commence in 2004; the FCC's Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98

and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001), which was remanded in *WorldCom, Inc. v. FCC*, 288 F.3d 429 (D.C. Cir. 2002), and as to the FCC's Notice of Proposed Rulemaking on the topic of Intercarrier Compensation generally, issued In the Matter of Developing a Unified Intercarrier Compensation Regime, in CC Docket 01-92 (Order No. 01-132), on April 27, 2001 and the FCC's Order *In the Matter of Petition of Core Communications, Inc. for Forbearance Under 47 U.S.C. §160(c) from Application of the ISP Remand Order*, WC Docket No. 03-171 (Order No. FCC 04-241) (rel. October 18, 2004) (collectively "Government Actions"). Except to the extent that AT&T has adopted the FCC ISP terminating compensation plan ("FCC Plan") in an AT&T- state in which this Agreement is effective, and the Parties have incorporated rates, terms and conditions associated with the FCC Plan into this Agreement, these rights also include but are not limited to AT&T's right to exercise its option at any time to adopt on a date specified by AT&T the FCC Plan, after which date ISP-bound traffic will be subject to the FCC Plan's prescribed terminating compensation rates, and other terms and conditions, and seek conforming modifications to this Agreement. For purposes of this Agreement, "Change in Law" shall be defined as any legally binding judicial decision by a court of competent jurisdiction, amendment of the Act or applicable Missouri statute, or legislative, federal or state regulatory action, rule, regulation or other legal action that is issued, rendered or adopted after October 20, 2004 and that (i) materially revises, reverses, modifies or clarifies the meaning of the Act, an applicable Oklahoma statute or any of said rules, regulations, Orders, or judicial decisions, (ii) invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationales for any rate(s), terms(s) and/or condition(s) of the Agreement, (iii) and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement specifically including but not limited to those arising with respect to the Government Actions.. For purposes of this section, "legally binding" means that the relevant legal action has not been stayed, no request for a stay is pending and if any deadline for requesting a stay is designated by statute or regulation, such deadline has passed. If either Party believes that a Change in Law within the meaning of this section has occurred, that Party may request renegotiation by written notice to the other Party. The Parties shall thereafter renegotiate the affected provisions in this Agreement in good faith and amend this Agreement to reflect such Change in Law. For avoidance of any doubt, this section shall also apply to situations where this Agreement defines the rights or obligations of either Party solely by reference to Applicable Law or similar reference. In the event that any renegotiation under this Section 23.0 is not concluded within sixty ninety (90) days after one Party gives the other notice that it demands renegotiation pursuant to this provision, or if at any time during such ninety (90) days period the Parties shall have ceased to negotiate such terms for a continuous period of fifteen (15) business days or if the non-requesting Party refuses to engage in such renegotiation on the ground that there has been no Change in Law sufficient to require renegotiation under this Section, the dispute shall be resolved as provided in Section 13 of this Agreement. During the negotiation or arbitration of any such Change in Law, the Parties shall remain obligated to perform under the terms set forth in this Agreement.

23.2 The Parties further acknowledge and agree that by executing this Agreement, neither Party waives any of its rights to participate in any proceedings regarding the proper interpretation and/or application of the Act, applicable rules and regulations nor does it waive any rights, remedies, or arguments with respect to any provisions of this Agreement or any rules, regulations, Orders or laws upon which it is based, including its right to seek legal review or a stay pending appeal.

24. AUTHORITY

24.1 AT&T represents and warrants that it is a corporation or limited partnership duly organized, validly existing and in good standing under the laws of its state of incorporation or formation. AT&T represents and warrants that AT&T Inc. has full power and authority to execute and deliver this Agreement as agent for AT&T. AT&T represents and warrants that it has full power and authority to perform its obligations hereunder.

24.2 CLEC represents and warrants that it is a limited liability company duly organized, validly existing and in good standing under the laws of Missouri and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. CLEC represents and warrants that it has been or will be certified as a LEC by the Commission(s) prior to submitting any orders hereunder and is or will be authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such Service.

24.3 Each person whose signature appears below represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement.

25. BINDING EFFECT

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

26. CONSENT

26.1 Where consent, approval, or mutual agreement is required of a Party, it will not be unreasonably withheld or delayed.

27. EXPENSES

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

28. HEADINGS

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

29. RELATIONSHIP OF PARTIES

29.1 This Agreement will not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture. Neither Party will have any authority to bind the other or to act as an agent for the other unless written authority, separate from this Agreement, is provided. Nothing in the Agreement will be construed as providing for the sharing of profits or losses arising out of the efforts of either or both of the Parties. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party.

30. CONFLICT OF INTEREST

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

31. MULTIPLE COUNTERPARTS

31.1 This Agreement may be executed in multiple counterparts, each of which will be deemed an original but all of which will together constitute but one, and the same document.

32. THIRD PARTY BENEFICIARIES

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

33. REGULATORY APPROVAL

33.1 Each Party agrees to cooperate with the other and with any regulatory agency to obtain regulatory approval. During the term of this Agreement, each Party agrees to continue to cooperate with each other and any regulatory agency so that the benefits of this Agreement may be achieved.

34. TRADEMARKS AND TRADE NAMES

34.1 Except as specifically set out in this Agreement, nothing in this Agreement will grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, or trade names of the other for any purpose whatsoever, absent written consent of the other Party. Nothing in this Agreement shall be construed as preventing either Party from publicly stating that it has executed this Agreement with the other Party.

35. REGULATORY AUTHORITY

35.1 AT&T will be responsible for obtaining and keeping in effect all Federal Communications Commission, state regulatory commission, franchise authority and other regulatory approvals that may be required in connection with the performance of its obligations under this Agreement. CLEC will be responsible for obtaining and keeping in effect all Federal Communications Commission, state regulatory commission, franchise authority and other regulatory approvals that may be required in connection with its offering of services to CLEC end users contemplated by this Agreement.

35.2 AT&T will provide CLEC with direct notice of any tariff or filing which concerns the subject matter of this Agreement in the same manner and for the same term as set forth in Section 15.4 for the subjects listed therein.

36. COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE

36.1 Any ruling by the Commission interpreting the same or substantively similar language in another Interconnection Agreement is applicable to the same or substantively similar language in this Agreement.

37. TARIFF REFERENCES

37.1 To the extent a tariff provision or rate is incorporated or otherwise applies between the Parties due to the provisions of this Agreement, it is understood that any changes to said tariff provision or rate are also automatically incorporated herein or otherwise hereunder, effective hereunder on the date any such change is effective.

37.2 Wherever the term "Customer" is used in connection with AT&T's retail tariffs, the term "Customer" means the ultimate "consumer" or the end user of any tariffed service.

38. VERIFICATION REVIEWS

38.1 Subject to each Party's reasonable Confidentiality requirements and except as may be otherwise specifically provided in this Agreement, either Party may audit the other Party's books, records, data, and other documents once in each twelve (12) month period with the audit period commencing not earlier than the date on which services were first supplied under this Agreement ("service start date") for the purpose of evaluating (i) the accuracy of the other Party's billing and invoicing of the services provided hereunder and (ii) verification of compliance with any provision of this Agreement that affects

- the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Such audit will take place at a time and place agreed on by the Parties no later than thirty (30) days after notice thereof.
- 38.2 The scope of the audit shall be limited to the services specified in the written notice and to the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the service start date) and (ii) the twelve (12) month period immediately preceding the date the Audited Party received notice of such requested audit, but in any event not prior to the service start date.
- 38.3 Such audit will take place at a time and place agreed on by the Parties and begins no later than thirty (30) calendar days after receipt of written notice and shall be completed no later than thirty (30) calendar days after the start of such audit.
- 38.4 Such audit shall be conducted either by the Auditing Party's employee(s) or an independent auditor acceptable to both Parties; provided, however, if the Audited Party requests that an independent auditor be engaged and the Auditing Party agrees, the Audited Party shall pay one-quarter (1/4) of the independent auditor's fees and expenses. If an independent auditor is to be engaged, the Parties shall select an auditor by the twentieth calendar day following Audited Party's receipt of a written audit notice. Auditing Party shall cause the independent auditor to execute a nondisclosure agreement in a form agreed upon by the Parties.
- 38.5 Each audit shall be conducted on the premises of the Audited Party during normal business hours.
- Audited Party shall cooperate fully in any such audit and shall provide the auditor reasonable access to any and all appropriate Audited Party employees and any books, records and other documents reasonably necessary to assess (i) the accuracy of the Audited Party's bills and (ii) Audited Party's compliance with the provisions of this Agreement that affect the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Audited Party may redact from the books, records and other documents provided to the auditor any Audited Party information that reveals the identity of End User(s) of Audited Party except the calling party number.
- 38.6 Each Party shall maintain reports, records and data relevant to the billing of any services that are the subject matter of this Agreement for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.
- 38.7 If any audit confirms any undercharge or overcharge, then the Audited Party will (i) promptly correct any billing error that is revealed in an audit, including making refund of any overpayment by the Auditing Party in the form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results and (ii) for any undercharge caused by the actions of the Audited Party, immediately compensate Auditing Party for such undercharge, and (iii) in each case, calculate and pay interest as provided in Section 9.2.1, for the number of calendar days from the date on which such undercharge or overcharge originated until the date on which such credit is issued or payment is made and available.
- 38.8 Except as may be otherwise provided in this Agreement, audits shall be performed at the Auditing Party's expense, subject to reimbursement by Audited Party of one-quarter (1/4) of any independent auditor's fees and expenses in the event that an audit finds, and the Parties subsequently verify, a net adjustment in the charges paid or payable by Auditing Party hereunder by an amount that is, on an annualized basis, greater than five percent (5%) of the aggregate charges for the audited services during the period covered by the audit.
- 38.9 Any disputes concerning audit results shall be referred to the Parties' respective personnel responsible for informal resolution. If these individuals cannot resolve the dispute within thirty (30) calendar days of the referral, either Party may request in writing that an additional audit shall be conducted by an

- independent auditor acceptable to both Parties, subject to the requirements set out in Section 38.4. Any additional audit shall be at the requesting Party's expense.
- 38.10 Either Party may audit the other Party's books, records and documents more than once annually if the previous audit found (i) previously uncorrected net variances or errors in invoices in the other Party's favor with an aggregate value of at least five percent (5%) of the amounts payable by the Auditing Party for audited services provided during the period covered by the audit or (ii) non-compliance by Audited Party with any provision of this Agreement affecting Auditing Party's billing and invoicing of the services provided to Audited Party with an aggregate value of at least five percent (5%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit
- 38.11 Information obtained or received by either Party in connection with performance of an audit under this Section will be subject to the confidentiality provisions of Section 6 of this Agreement.

39. COMPLETE TERMS

- 39.1 This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof and supersedes any prior agreements, representations, statements, negotiations, understandings, proposals or undertakings, oral or written, with respect to the subject matter expressly set forth herein.
- 39.2 Neither Party will be bound by an amendment, modification or additional term unless it is reduced to writing signed by an authorized representative of the party sought to be bound. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission.

40. COOPERATION ON PREVENTING END USER FRAUD

- 40.1 Each Party shall be liable for any fraud associated with that Party's end user's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Service (ABS). ABS is a service that allows end users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABS calls: Calling card, collect, and third number billed calls.
- 40.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.
- 40.3 In cases of suspected fraudulent activity by an end user, at a minimum, the cooperation referenced in the above paragraph will include providing to the other Party, upon request, information concerning end users who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the end user's permission to obtain such information.

41. NOTICE OF NETWORK CHANGES

- 41.1 AT&T agrees to provide CLEC reasonable notice consistent with applicable rules, of changes in the information necessary for the transmission and routing of services using AT&T 's facilities or networks, as well as other changes that affect the interoperability of those respective facilities and networks. This Agreement is not intended to limit AT&T's ability to upgrade its network through the incorporation of new equipment, new software or otherwise.
- 41.2 Intentionally Left Blank.
- 41.3 General Change Management
- 41.3.1 The Parties will comply with the Change Management Process found within the OSS appendix to this ICA.

42. GOOD FAITH PERFORMANCE

42.1 In the performance of their obligations under this Agreement the Parties will act in good faith and consistently with the intent of the Act. Where notice, approval or similar action by a Party is permitted or required by any provision of this Agreement, (including, without limitation, the obligation of the Parties to further negotiate the resolution of new or open issues under this Agreement) such action will not be unreasonably delayed, withheld or conditioned.

43. RESPONSIBILITY OF EACH PARTY

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

44. TRANSMISSION OF TRAFFIC TO THIRD PARTIES

44.1 Intentionally Left Blank.

45. GOVERNMENTAL COMPLIANCE

45.1 CLEC and AT&T each will comply at its own expense with all applicable law related to i) its obligations under or activities in connection with this Agreement; or ii) its activities undertaken at, in connection with or relating to work locations. CLEC and AT&T each agree to indemnify, defend, (at the other party's request) and save harmless the other, each of its officers, directors and employees from and against any Losses, Damages, Claims, demands, suits, liabilities, fines, penalties, and expenses (including reasonable attorneys' fees) that arise out of or result from i) its failure or the failure of its contractors or agents to so comply or ii) any activity, duty or status of it or its contractors or agents that triggers any legal obligation to investigate or remediate environmental contamination. AT&T, at its own expense, will be solely responsible for obtaining from governmental authorities, building owners, other carriers, and any other persons or entities, all rights and privileges (including, but not limited to, space and power), which are necessary for AT&T to provide the network elements and Resale services pursuant to this Agreement.

46. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

46.1 Disclosure of Potential Hazards: When and if CLEC notifies AT&T that CLEC intends to enter or perform work pursuant to this Agreement in, on, or within the vicinity of any particular AT&T building, manhole, pole, duct, conduit, right-of-way, or other facility (hereinafter "work location"), AT&T shall timely notify CLEC of any Environmental Hazard at that Work Location of which AT&T has actual knowledge, except that this duty shall not apply to any Environmental Hazard (i) of which CLEC already has actual knowledge or (ii) was caused solely by CLEC or (iii) would be obvious and apparent to anyone coming to the work location. For purposes of this Agreement, "Environmental Hazard" shall mean (i) the presence of petroleum vapors or other gases in hazardous concentrations in a manhole or other confined space, or conditions reasonably likely to give rise to such concentrations; (ii) the

- presence of electrical cable in a conduit system; (iii) asbestos-containing materials; (iv) emergency exit routes and warning systems, if and to the extent owned or operated by AT&T; and (v) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.
- 46.2 Evaluation of Potential Hazards: Without limiting the foregoing, after providing prior notice to AT&T, CLEC shall have the right to inspect, test, or monitor any work location for possible Environmental Hazards as necessary or appropriate to comply with law or to protect its employees, contractors or others from the possible effects of Environmental Hazards. CLEC shall be responsible for conducting such inspections, testing or monitoring in a way that does not unreasonably interfere with AT&T's business operations after consultation with AT&T, and shall return AT&T's property to substantially the same condition as it would have been without such inspections, testing or monitoring.
- 46.3 Managing Disturbed Materials and Media: If and to the extent that CLEC's activity at any work location involves the excavation, extraction, or removal of asbestos or other manmade materials or contaminated soil, groundwater, or other environmental media, then CLEC rather than AT&T shall be responsible in the first instance for the subsequent treatment, disposal, or other management of such materials and media.
- 46.4 Indemnification:
- 46.4.1 Each Party shall indemnify, on request defend, and hold harmless the other Party and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with the violation or breach, by any employee of the indemnifying Party or other person acting on the indemnifying Party's behalf, of this Section 46 or any federal, state, or local environmental statute, rule, regulation, ordinance, or other Applicable Law or provision of this Agreement dealing with hazardous substances or protection of human health or the environment.
- 46.4.2 CLEC shall indemnify, on request defend, and hold harmless AT&T and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of CLEC, or by any person acting on CLEC's behalf, while at a work location or (ii) the removal or disposal of any hazardous substances by any employee of CLEC or by any person acting on CLEC's behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance caused or created by CLEC or its contractors or agents.
- 46.4.3 AT&T shall indemnify, on request defend, and hold harmless CLEC and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), asserted by any government agency or other third party on account of or in connection with any injury, loss or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of AT&T or by any person acting on AT&T's behalf, at a work location or (ii) the removal or disposal of any hazardous substances by any employee of AT&T or by any person

acting on AT&T's behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance either (x) existing or occurring at any Work Location on or before the date of this agreement or (y) caused or created by AT&T or its contractors or agents.

47. SUBCONTRACTING

47.1 If any obligation is performed through a subcontractor, each Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors, and each Party will be solely responsible for payments due the Party's subcontractors. No contract, subcontract or other Agreement entered into by either Party with any third party in connection with the provision of Resale services or network elements hereunder will provide for any indemnity, guarantee or assumption of liability by, or other obligation of, the other Party to this Agreement with respect to such arrangement, except as consented to in writing by the other Party. No subcontractor will be deemed a third party beneficiary for any purposes under this Agreement. Any subcontractor who gains access to CPNI or confidential information covered by this Agreement will be required by the subcontracting Party to protect such CPNI or confidential information to the same extent the subcontracting Party is required to protect the same under the terms of this Agreement.

48. REFERENCED DOCUMENTS

48.1 Whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, AT&T Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement, it will be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document that is in effect, and will include the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document incorporated by reference in such a technical reference, technical publication, CLEC Practice, AT&T Practice, or publication of industry standards.

49. SEVERABILITY

49.1 If any term, condition or provision of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability will not invalidate the entire Agreement, unless such construction would be unreasonable. The Agreement will be construed as if it did not contain the invalid or unenforceable provision or provisions, and the rights and obligations of each Party will be construed and enforced accordingly; provided, however, that in the event such invalid or unenforceable provision or provisions are essential elements of this Agreement and substantially impair the rights or obligations of either Party, the Parties will promptly negotiate a replacement provision or provisions. If impasse is reached, the Parties will resolve said impasse under the dispute resolution procedures set forth in Section 13.

50. SURVIVAL OF OBLIGATIONS

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

51. GOVERNING LAW

51.1 The validity of this Agreement, the construction and enforcement of its terms, and the interpretation of the rights and duties of the Parties will be governed by the laws of the State of Missouri other than as to conflicts of laws, except insofar as federal law may control any aspect of this Agreement, in which case federal law will govern such aspect. The Parties submit to personal jurisdiction as appropriate in Dallas, Texas and waive any and all objections to a Missouri venue.

52. PERFORMANCE MEASUREMENTS

52.1 Specific provisions governing Performance Measures are contained in Attachment 17.

53. OTHER OBLIGATIONS

53.1 Intentionally Left Blank.

54. INTENTIONALLY LEFT BLANK

55. DIALING PARITY; NUMBER PORTABILITY

55.1 AT&T will ensure that all CLEC customers experience the same dialing parity as similarly-situated customers of AT&T services, such that, for all call types: (i) a CLEC customer is not required to dial any greater number of digits than a similarly-situated AT&T customer; (ii) the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality experienced by a CLEC customer is at least equal in quality to that experienced by a similarly-situated AT&T customer; and (iii) the CLEC customer may retain its local telephone number. AT&T further agrees to provide Number Portability in accordance with the requirements of the Act. Specific requirements concerning Interim Number Portability are set forth in Attachment 14: Permanent Number Portability.

56. BRANDING

56.1 Specific provisions concerning the branding of services provided to CLEC by AT&T under this Agreement are contained in the following Attachments and Appendices to this Agreement: Attachment 1: Resale; Appendix OS-Resale; Appendix DA-Resale; Attachment 2: Ordering & Provisioning-Resale; Attachment 3: Maintenance-Resale; Attachment 7: Ordering & Provisioning-Unbundled Network Elements; Attachment 8: Maintenance-Unbundled Network Elements, and 23: OS-Facilities Based.

57. END USER CUSTOMER INQUIRIES

57.1 Except as otherwise required by Section 20.1, each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.

57.2 Except as otherwise required by Section 20.1, each Party will ensure that all of their representatives who receive inquiries regarding the other Party's services: (i) provide the numbers described in Section 57.1 to callers who inquire about the other Party's services or products; and (ii) do not in any way disparage or discriminate against the other Party or its products or services.

57.3 Except as otherwise provided in this Agreement, CLEC shall be the primary point of contact for CLEC's End Users with respect to the services CLEC provides such End Users.

57.4 CLEC acknowledges that AT&T may, upon End User request, provide services directly to such End User similar to those offered to CLEC under this Agreement.

58. DISCLAIMER OF WARRANTIES

58.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE INTERCONNECTION, RESALE SERVICES, UNBUNDLED, FUNCTIONS, FACILITIES, PRODUCTS AND SERVICES IT PROVIDES UNDER OR IS CONTEMPLATED TO PROVIDE UNDER THIS AGREEMENT AND EACH PARTY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, NO PARTY TO THIS AGREEMENT ASSUMES RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF DATA OR INFORMATION SUPPLIED BY ANY OTHER PARTY TO THIS AGREEMENT WHEN SUCH DATA OR INFORMATION IS ACCESSED AND USED BY A THIRD PARTY.

59. NO WAIVER

59.1 Except as otherwise provided in this Agreement, no amendment or waiver of any provision of this Agreement and no consent to any default under this Agreement will be effective unless the same is in writing and duly executed on behalf of the Party against whom the waiver or consent is claimed. Waiver by either Party of any default by the other Party shall not be deemed a waiver of any other default. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition. By entering into this Agreement neither Party waives any rights granted to them pursuant to the Act.

60. DEFINITIONS

60.1 For purposes of this Agreement, certain terms have been defined in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular will include the plural. Whenever the context may require, any pronoun shall include the corresponding masculine, feminine and neuter forms. The words "include," "includes" and "including" shall be deemed to be followed by the phrase "without limitation" and/or "but not limited to". The words "will" and "shall" are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other will not mean a different degree of right or obligation for either Party. A defined word intended to convey its special meaning is capitalized when used and its definition can be found in the Definitions Appendix.

61. RESALE

61.1 At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that AT&T currently provides or hereafter offers to any end user in the geographic area where AT&T is the incumbent LEC will be made available to CLEC by AT&T for Resale in accordance with the terms, conditions and prices set forth in this Agreement. Specific provisions concerning Resale are addressed in Attachment 1: Resale, and other applicable Attachments.

62. UNBUNDLED NETWORK ELEMENTS

62.1 At the request of CLEC and pursuant to the requirements of the Act, AT&T will offer in the geographic area where AT&T is the incumbent LEC, Unbundled Network Elements to CLEC on an unbundled basis on rates, terms and conditions set forth in this Agreement that are just, reasonable, and non-discriminatory. Specific provisions concerning Unbundled Network Elements are addressed in Attachment 6: Unbundled Network Elements, and other applicable Attachments.

63. ORDERING AND PROVISIONING, MAINTENANCE, CONNECTIVITY BILLING AND RECORDING, AND PROVISION OF CUSTOMER USAGE DATA

- 63.1 In connection with its Resale of services to CLEC, AT&T agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Provision of Customer Usage Data services pursuant to the terms specified in Attachments 2, 3, 4 and 5, respectively.
- 63.2 In connection with its furnishing Unbundled Networks Elements to CLEC, AT&T agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, and Connectivity Billing pursuant to the terms specified in Attachments 7, 8, and 9 respectively.

64. NETWORK INTERCONNECTION ARCHITECTURE

- 64.1 Where the Parties interconnect their networks, for purposes of exchanging traffic between their networks, the Parties agree to utilize the interconnection methods specified in Attachment 11: Network Interconnection Architecture. AT&T expressly recognizes that this provision and said Attachment are in no way intended to impair in any way CLEC's right to interconnect with Unbundled Network Elements furnished by AT&T at any technically feasible point within AT&T 's network, as provided in the Act.

65. COMPENSATION FOR DELIVERY OF TRAFFIC

- 65.1 The Parties agree to compensate each other for the transport and termination of traffic as provided in Attachment 12: Inter-carrier Compensation.

66. ANCILLARY FUNCTIONS

- 66.1 Ancillary Functions may include, but are not limited to, Collocation, Rights-of-Way, Conduit and Pole Attachments. AT&T agrees to provide Ancillary Functions to CLEC as set forth in Attachment 13: Ancillary Functions.

67. AMENDMENTS AND MODIFICATIONS

- 67.1 Except as otherwise provided for in this Agreement, no provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission. AT&T and CLEC shall each be responsible for its share of the publication expense (i.e. filing fees, delivery and reproduction expense, and newspaper notification fees), to the extent publication is required for filing of an amendment by a specific state.
- 67.2 Neither Party shall be bound by any preprinted terms additional to or different from those in this Agreement that may appear subsequently in the other Party's form documents, purchase orders, quotations, acknowledgments, invoices or other communications.

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70. SCOPE OF AGREEMENT

- 70.1 Except as agreed upon in writing, neither Party shall be required to provide the other Party a function, facility, product, service or arrangement described in the Act that is not expressly provided herein.

71. OTHER REQUIREMENTS AND ATTACHMENTS

71.1 This Agreement incorporates a number of listed Attachments which, together with their associated Appendices, Exhibits, and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Attachments have been grouped under the following broad headings: Resale; Unbundled Network Elements; Network Interconnection Architecture; Ancillary Functions; and Other Requirements. It is understood that these groupings are for convenience of reference only, and are not intended to limit the applicability which any particular Attachment may otherwise have.

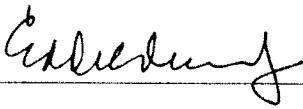
71.2 Appended to this Agreement and incorporated herein are the Attachments listed below. To the extent that any definitions, terms or conditions in any given Attachment differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained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

72. INTENTIONALLY LEFT BLANK

Navigator Telecommunications, LLC.

Southwestern Bell Telephone Company d/b/a AT&T
Missouri by AT&T Operations, Inc., its authorized agent

Signature: 

Signature: 

Name: Kenrick LeDoux
(Print or Type)

Name: Eddie A. Reed, Jr.
(Print or Type)

Title: V.P. Engineering C.T.O.
(Print or Type)

Title: Director - Interconnection Agreements

Date: 5/20/2010

Date: 5-20-10

| | <u>Resale</u> <u>OCN</u> | <u>ULEC</u> <u>OCN</u> |
|----------|-----------------------------|---------------------------|
| MISSOURI | 8798 | 0525 |
| ACNA | NVG | |

APPENDIX DEFINITIONS TO THE GENERAL TERMS AND CONDITIONS - MISSOURI

1. DEFINITIONS

Capitalized Terms used in this Agreement shall have the respective meanings specified below, in Section 1 of each Appendix/Attachment attached hereto, and/or as defined elsewhere in this Agreement.

1.1 General Definitions

- 1.1.1 **"Act"** means the Communications Act of 1934 [47 U.S.C. 153], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.
- 1.1.2 **"Access Compensation"** is the compensation paid by one Party to the other Party for the origination/termination of intraLATA toll calls to/from its End User. Access compensation is in accordance with the LEC's tariffed access rates.
- 1.1.3 **"Access Service Request"** (ASR) is an industry standard form used by the Parties to add, establish, change or disconnect trunks for the purposes of Interconnection.
- 1.1.4 **"Access Tandem Switch"** is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for IXC-carried traffic.
- 1.1.5 **"Accessible Letters"** are correspondence used to communicate pertinent information regarding AT&T to the client/End User community.
- 1.1.6 **"Account Owner"** means a telecommunications company, including AT&T, that stores and/or administers Line Record Information and/or Group Record Information in a Party's LIDB and/or Calling Name Database.
- 1.1.7 **"Advanced Services"** means intrastate or interstate wireline Telecommunications Services, such as ADSL, IDSL, xDSL, Frame Relay, Cell Relay and VPOP-Dial Access Service (an AT&T Frame Relay-based service) that rely on packetized technology and have the capability of supporting transmissions speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:
 - 1.1.7.1 Data services that are not primarily based on packetized technology, such as ISDN,
 - 1.1.7.2 x.25-based and x.75-based packet technologies, or
 - 1.1.7.3 Circuit switched services (such as circuit switched voice grade service) regardless of the technology, protocols or speeds used for the transmission of such services.
- 1.1.8 **"Affiliate"** is as defined in the Act.
- 1.1.9 **"Alternate Billing Service"** (ABS) means a service that allows End Users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect and third number billed calls.
- 1.1.10 **"Applicable Law"** means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, tariffs and approvals, including those relating to the environment or health and safety, of any Governmental Authority that apply to the Parties or the subject matter of this Agreement.
- 1.1.11 **"As Defined in the Act"** means as specifically defined by the Act.
- 1.1.12 **"As Described in the Act"** means as described in or required by the Act.
- 1.1.13 **"AT&T Inc."** means the holding company which directly or indirectly owns the following ILECs: BellSouth Telecommunications, Inc. d/b/a AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South

Carolina, and AT&T Tennessee; Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

- 1.1.13.1 **"AT&T ARKANSAS"** - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, the applicable AT&T Inc.-owned ILEC doing business in Arkansas.
- 1.1.13.2 **"AT&T KANSAS"** - As used herein, AT&T KANSAS means Southwestern Bell Telephone Company d/b/a AT&T Kansas, the applicable AT&T Inc.-owned ILEC doing business in Kansas.
- 1.1.13.3 **"AT&T MISSOURI"** - As used herein, AT&T MISSOURI means Southwestern Bell Telephone Company d/b/a AT&T Missouri, the applicable AT&T Inc. owned ILEC doing business in Missouri.
- 1.1.13.4 **"AT&T TEXAS"** - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T Inc. owned ILEC doing business in Texas.
- 1.1.13.5 **"AT&T ILLINOIS"** - As used herein, AT&T ILLINOIS means Illinois Bell Telephone Company d/b/a AT&T Illinois, the applicable AT&T Inc. owned ILEC doing business in Illinois.
- 1.1.13.6 **"AT&T INDIANA"** - As used herein, AT&T INDIANA means Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, the applicable AT&T Inc. owned ILEC doing business in Indiana.
- 1.1.13.7 **"AT&T MICHIGAN"** - As used herein, AT&T MICHIGAN means Michigan Bell Telephone Company d/b/a AT&T Michigan, the applicable AT&T Inc. owned ILEC doing business in Michigan.
- 1.1.13.8 **"AT&T OHIO"** - As used herein, AT&T OHIO means The Ohio Bell Telephone Company d/b/a AT&T Ohio, the applicable AT&T Inc. owned ILEC doing business in Ohio.
- 1.1.13.9 **"AT&T WISCONSIN"** - As used herein, AT&T WISCONSIN means Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, the applicable AT&T Inc. owned ILEC doing business in Wisconsin.
- 1.1.13.10 **"AT&T MIDWEST REGION 5-STATE"** means the AT&T Inc. owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.
- 1.1.13.11 **"AT&T SOUTHWEST REGION 4-STATE"** means the AT&T Inc. owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Texas.
- 1.1.13.12 **"AT&T SOUTHWEST REGION 5-STATE"** means the AT&T Inc. owned ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.1.13.13 **"AT&T"** means the Southwestern Bell Telephone Company Incorporated d/b/a AT&T Missouri, the applicable AT&T Inc. ILEC doing business in Missouri.
- 1.1.14 Intentionally Left Blank.
- 1.1.15 **"Automated Message Accounting"** (AMA) is a structure inherent in switch technology that initially records Telecommunication message information. AMA format is contained in the

Automated Message Accounting document published by Telcordia (formerly known as Bellcore) as GR-1100-CORE, which defines and amends the industry standard for message recording.

- 1.1.16 **"Billed Number Screening"** (BNS) means a validation of toll billing exception (TBE) data and performance of public telephone checks; i.e., determining if a billed line is a public (including those classified as semi-public) telephone number.
- 1.1.17 **"Bona Fide Request"** (BFR) is the process described in the applicable Attachment Unbundled Network Elements.
- 1.1.18 **"Business Day"** means Monday through Friday, excluding holidays on which the applicable AT&T Inc.-owned ILEC does not provision new retail services and products.
- 1.1.19 **"Busy Line Verification"** (BLV) means a service whereby an End User requests an operator to confirm the busy status of a line.
- 1.1.20 **"CABS"** means the Carrier Access Billing System.
- 1.1.21 **"Calling Card Service"** means a service that enables a calling End User to bill a telephone call to a calling card number with or without the help of an operator.
- 1.1.22 **"Calling Name Database"** means a Party's database containing current Calling Name Information, including the Calling Name Information of any telecommunications company participating in that Party's Calling Name Database. A Calling Name Database may be part of, or separate from, a LIDB.
- 1.1.23 **"Calling Name Delivery Service"** (CNDS) means a service that enables a terminating End User to identify the calling party by a displayed name before a call is answered. The calling party's name is retrieved from a Calling Name Database and delivered to the End User's premise between the first and second ring for display on compatible End User premises equipment.
- 1.1.24 **"Calling Name Information"** means a Telecommunications Carrier's records of its End Users names associated with one or more assigned ten-digit telephone numbers.
- 1.1.25 **"Calling Number Delivery"** means a feature that enables an End User to view the directory number of the calling party on a display unit.
- 1.1.26 **"Calling Party Number"** (CPN) means a Signaling System 7 "SS7" parameter whereby the ten (10) digit number of the calling Party is forwarded from the End Office.
- 1.1.27 **"Central Automatic Message Accounting (CAMA) Trunk"** means a trunk that uses Multi-Frequency (MF) signaling to transmit calls from CLEC's switch to an AT&T E911 Selective Router.
- 1.1.28 **"Centralized Message Distribution System"** (CMDS) means the transport system that LECs use to exchange outcollect and Carrier Access Billing System "CABS" access messages among each other and other Parties connected to CMDS.
- 1.1.29 **"Central office switch"** (Central Office) is a switching entity within the public switched telecommunications network, including but not limited to:
 - 1.1.29.1 **"End Office Switch" or "End Office"** is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. An End Office Switch does not include a PBX.
 - 1.1.29.2 **"Tandem Office Switch" or "Tandem(s)"** are used to connect and switch trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.

- 1.1.30 **"Charge Number"** is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.
- 1.1.31 **"Claim"** means any pending or threatened claim, action, proceeding or suit.
- 1.1.32 **"CNAM Query"** means a Query that allows CLEC to query a Calling Name Database for Calling Name Information in order to deliver that information to CLEC's local CNDS subscribers.
- 1.1.33 **"CNAM Query Rate"** means a rate that applies to each CNAM Query received at the SCP where the Calling Name Database resides.
- 1.1.34 **"Collocation"** is an arrangement is an arrangement where a CLEC leases space at an AT&T premises for the placement of equipment necessary for interconnection or access to AT&T UNEs.
- 1.1.35 **"Commercial Mobile Radio Services"** (CMRS) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.
- 1.1.36 **"Commission"** means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term "Commission(s)" means the Missouri Public Service Commission.
- 1.1.37 **"Common Channel Signaling"** (CCS) means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. It is a special network, fully separate from the transmission path of the public switched network. Unless otherwise agreed by the Parties, the CCS protocol used by the Parties shall be SS7.
- 1.1.38 **"Common Language Location Identifier"** (CLLI) codes provide a unique 11-character representation of a network interconnection point. The first 8 characters identify the city, state and building location, while the last 3 characters identify the network component.
- 1.1.39 **"Consequential Damages"** means Losses claimed to have resulted from any indirect, incidental, reliance, special, consequential, punitive, exemplary, multiple or any other Loss, including damages claimed to have resulted from harm to business, loss of anticipated revenues, savings, or profits, or other economic Loss claimed to have been suffered not measured by the prevailing Party's actual damages, and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions.
- 1.1.40 **"Customer Usage Data"** means the Telecommunications Services usage data of a CLEC End User measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by AT&T and forwarded to CLEC.
- 1.1.41 **"Custom Local Area Signaling Service Features"** (CLASS) means certain call-management service features that are currently available from AT&T's local networks. These could include: Automatic Call Back; Automatic Recall; Call Trace; Caller Identification and related blocking features; Calling Number Delivery; Customer Originated Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.
- 1.1.42 **"Customer Name and Address Information"** (CNA) means the name, service address and telephone numbers of a Party's End Users for a particular Exchange Area. CNA includes unpublished listings, coin telephone information and published listings.
- 1.1.43 Intentionally Left Blank
- 1.1.44 **"Declassified" or "Declassification"** means the situation where a network element, including a network element referred to as a UNE under this Agreement, ceases to be a UNE under this Agreement because it is no longer required by Section 251(c)(3) of the Act, as

determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. Without limitation, a UNE that has ceased to be a UNE may also be referred to as "Declassified."

- 1.1.45 **"Delaying Event"** means any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by:
- 1.1.45.1 the failure of the other Party to perform any of its obligations set forth in this Agreement, including but not limited to a Party's failure to provide the other Party with accurate and complete Service Orders;
 - 1.1.45.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or
 - 1.1.45.3 any Force Majeure Event.
- 1.1.46 **"Dialing Parity"** is as defined in the Act. As used in this Agreement, Dialing Parity refers to both Local Dialing Parity and Toll Dialing Parity.
- 1.1.47 **"Digital Signal Level"** is one of several transmission rates in the time-division multiplex hierarchy.
- 1.1.47.1 **"Digital Signal Level 0"** (DS-0) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.
 - 1.1.47.2 **"Digital Signal Level 1"** (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.
 - 1.1.47.3 **"Digital Signal Level 3"** (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.
- 1.1.48 **"Digital Subscriber Line"** (DSL) is as defined in the applicable Appendix xDSL and/or the applicable tariff, as appropriate.
- 1.1.49 Intentionally Left Blank.
- 1.1.50 **"Electronic File Transfer"** is any system or process that utilizes an electronic format and protocol to send or receive data files.
- 1.1.51 **"End Users"** means a third-party residence or business that subscribes to Telecommunications Services provided by any of the Parties at retail. As used herein, the term "End Users" does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.
- 1.1.52 **"Enhanced Service Provider"** (ESP) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.
- 1.1.53 **"Exchange Access"** is as defined in the Act.
- 1.1.54 **"Exchange Area"** means an area, defined by the Commission, for which a distinct local rate schedule is in effect.
- 1.1.55 **"Exchange Message Interface"** (EMI) (formerly Exchange Message Record - EMR) is the standard used for exchange of Telecommunications message information among Telecommunications Carriers for billable, non-billable, sample, settlement and study data. EMI format is contained in Telcordia Practice BR-010-200-010, CRIS Exchange Message Record and the Alliance for Telecommunications Industry Solutions (ATIS) document, ATIS-040600-xxxx. (xxx refers to the year of publication).
- 1.1.56 **"Exchange Service"** means Telephone Exchange Service, as defined in the Act.

- 1.1.57 **“Facility-Based Provider”** is defined as a telecommunications carrier that has deployed its own switch and transport facilities.
- 1.1.58 **“Feature Group A”** (FGA) means calls either originated by, or delivered to, an End User who has purchased switched access FGA service from the interstate or intrastate tariffs of either Party. FGA also includes, but is not limited to, FGA-like services provided by either Party, where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one LATA but where the Party receiving the call is physically located in a LATA different than the LATA of the Party originating the call.
- 1.1.59 **“Feature Group D”** (FGD) is access available to all customers, providing trunk side access to a Party's End Office Switches with an associated uniform 101XXXX access code for customer's use in originating and terminating communications.
- 1.1.60 **“FCC”** means the Federal Communications Commission.
- 1.1.61 **“Fiber Meet”** means an Interconnection architecture method whereby the Parties physically Interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party's responsibility or service begins and the other Party's responsibility ends.
- 1.1.62 **“Foreign Exchange”** (FX) means a service whereby calls either originated by or delivered to a customer who has purchased FX service from the state or interstate tariffs of either Party. FX also includes, but is not limited to, FX-like services provided by either Party where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one local calling area but where the Party receiving the call is physically located outside of that local calling area. FX service can be either interLATA or intraLATA.
- 1.1.63 **“Fraud Monitoring System”** means an off-line administration system that monitors LIDB validation query traffic for suspected occurrences of ABS-related fraud.
- 1.1.64 **“Governmental Authority”** means any federal, state, local, foreign, or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative, or judicial authority with jurisdiction over the subject matter at issue.
- 1.1.65 **“Group Record”** means information in LIDB and/or the LIDB administrative system that is common to all telephone numbers in an NPA-NXX or all Special Billing Numbers in an NXX-0/1XX.
- 1.1.66 **“Incumbent Local Exchange Carrier”** (ILEC) is as defined in the Act.
- 1.1.67 **“Intellectual Property”** means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.
- 1.1.68 **“Integrated Digital Loop Carrier”** means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.
- 1.1.69 **“Integrated Services Digital Network”** (ISDN) means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).
- 1.1.70 **“Interconnection”** is as defined in the Act.
- 1.1.71 **“Interconnection Activation Date”** is the date that the construction of the joint facility Interconnection arrangement has been completed, trunk groups have been established, joint trunk testing is completed and trunks have been mutually accepted by the Parties.

- 1.1.72 **"Interexchange Carrier"** (IXC) means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.
- 1.1.73 **"InterLATA"** is as defined in the Act.
- 1.1.74 **"Intermediate Distribution Frame"** (IDF) is a second frame that augments an existing Main Distribution Frame. Lines or outside cables do not terminate on the IDF.
- 1.1.75 **"Internet Service Provider"** (ISP) is an Enhanced Service Provider that provides Internet Services, and is defined in paragraph 341 of the FCC's First Report and Order in CC Docket No. 97-158.
- 1.1.76 **"IntraLATA Toll Traffic"** is defined as traffic between one AT&T local calling area and another AT&T local calling area or that of another LEC within the same LATA.
- 1.1.77 **"IntraLATA Toll Trunk Group"** is defined as a trunk group carrying IntraLATA Toll traffic as defined above.
- 1.1.78 **"ISP-Bound Traffic"** is as defined in Attachment 12: Intercarrier Compensation
- 1.1.79 **"Jurisdictional Identification Parameter"** (JIP) is an existing six (6) digit (NPA-NXX) field in the SS7 message. This field designates the first point of switching.
- 1.1.80 **"LIDB Editor"** means a SCP tool that bypasses the LIDB administrative system and provides emergency access to LIDB for data administration.
- 1.1.81 **"Line Information Data Base"** (LIDB) means a transaction-oriented database system that functions as a centralized repository for data storage and retrieval. LIDB is accessible through CCS networks. LIDB contains records associated with End User line numbers and special billing numbers. LIDB accepts queries from other network elements and provides return result, return error, and return reject responses as appropriate. Examples of information that Account Owners might store in LIDB and in their Line Records are: ABS Validation Data, Originating Line Number Screening (OLNS) data, ZIP Code data, and Calling Name Information.
- 1.1.82 **"Line Record"** means information in LIDB and/or the LIDB administrative system that is specific to a single telephone number or Special Billing Number.
- 1.1.83 **"Line Side"** refers to End Office switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an ordinary subscriber's telephone station set, a PBX, answering machine, facsimile machine or computer). Line Side connections offer only those transmission and signal features appropriate for a connection between an End Office and such terminating station.
- 1.1.84 **"Local Access Transport Area"** (LATA) is as defined in the Act.
- 1.1.85 **"Local Exchange Carrier"** (LEC) is as defined in the Act.
- 1.1.86 **"Local Exchange Routing Guide"** (LERG) is a Telcordia Reference document used by Telecommunications Carriers to identify NPA-NXX routing and homing information as well as Network element and equipment designations.
- 1.1.87 **"Local Calls,"** for purposes of intercarrier compensation, is traffic where all calls are within the same common local and common mandatory local calling area, i.e., within the same or different AT&T Exchange(s) that participate in the same common local mandatory local calling area approved by the applicable state Commission. Local Calls must actually originate and actually terminate to parties physically located within the same common local or common mandatory local calling area.
- 1.1.88 **"Local Interconnection Trunk Groups"** are two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Traffic between CLEC end users and AT&T end users.

- 1.1.89 **"Local Loop Transmission", "Unbundled Local Loop", "Loop"** means the transmission path which extends from the Network Interface Device or demarcation point at an End User's premise to the Main Distribution Frame or other designated frame or panel in the AT&T Serving Wire Center.
- 1.1.90 **"Local Number Portability"** means the ability of users of Telecommunications Services to retain, at the same location, the presence of a previously existing telephone number(s).
- 1.1.91 **"Location Routing Number"** (LRN) is a ten (10) digit number that is assigned to the network switching elements (Central Office – Host and Remotes as required) for the routing of calls in the network. The first six (6) digits of the LRN will be one of the assigned NPA NXX of the switching element. The purpose and functionality of the last four (4) digits of the LRN have not yet been defined but are passed across the network to the terminating switch.
- 1.1.92 **"Local Service Provider"** (LSP) is the LEC that provides retail local Exchange Service to an End User. The LSP may or may not provide any physical network components to support the provision of that End User's service.
- 1.1.93 **"Local Tandem"** refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular LCA (defined below).
- 1.1.94 **"Local/Access Tandem Switch"** is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Traffic and IXC-carried traffic.
- 1.1.95 **"Local Calling Area" or "LCA"** is an AT&T local calling area, as defined in AT&T OKLAHOMA's General Exchange Tariff. LCA is synonymous with "Local Exchange Area" (LEA).
- 1.1.96 **"Local/IntraLATA Tandem Switch"** is defined as a switching machine within the public switch telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/Intra Lata Traffic.
- 1.1.97 **"Local Only Tandem Switch"** is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.
- 1.1.98 **"Loss" or "Losses"** means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).
- 1.1.99 **"Main Distribution Frame"** (MDF) is termination frame for outside facility and inter-exchange office equipment at the central office for DS-0 and DSL services.
- 1.1.100 **"MECAB"** refers to the Multiple Exchange Carrier Access Billing 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 the Alliance for Telecommunications Industry Solutions "ATIS." The MECAB document, published by ATIS as ATIS/OBF- MECAB-Issue 6, February 1998, contains the recommended guidelines for the billing of access services provided to an IXC by two or more LECs, or by one LEC in two or more states within a single LATA.
- 1.1.101 **"MECOD"** refers to the Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee of the OBF, which functions under the auspices of the CLC of ATIS. The MECOD document, published by ATIS as ATIS/OBF- MECAB- Issue 3,

February 1993, establishes methods for processing orders for access service which is to be provided to an IXC by two or more telecommunications providers.

- 1.1.102 **"Meet-Point Billing"** (MPB) refers to the billing associated with interconnection of facilities between two or more LECs for the routing of traffic to and from an IXC with which one of the LECs does not have a direct connection. In a multi-bill environment, each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.
- 1.1.103 **"Multiple Bill/Single Tariff"** is a billing method used when Switched Exchange Access Services is jointly provided by the Parties. As described in the MECAB document, each Party will render a bill in accordance with its own tariff for that portion of the service it provides. Each Party will bill its own network access service rates.
- 1.1.104 **"Mutual Compensation"** as defined in Appendix Intercarrier Compensation.
- 1.1.105 **"Network Data Mover"** (NDM) is an industry standard protocol for transferring information electrically.
- 1.1.106 **"Network Element"** is as defined in the Act.
- 1.1.107 **"North American Numbering Plan"** (NANP) A numbering architecture in which every station in the NANP Area is identified by a unique ten-digit address consisting of a three-digit NPA code, a three digit central office code of the form NXX, and a four-digit line number of the form XXXX.
- 1.1.108 **"Numbering Plan Area"** (NPA) also called area code. An NPA is the 3-digit code that occupies the A, B, C positions in the 10-digit NANP format that applies throughout the NANP Area. NPAs are of the form NXX, where N represents the digits 2-9 and X represents any digit 0-9. In the NANP, NPAs are classified as either geographic or non-geographic. a) Geographic NPAs are NPAs which correspond to discrete geographic areas within the NANP Area. b) Non-geographic NPAs are NPAs that do not correspond to discrete geographic areas, but which are instead assigned for services with attributes, functionalities, or requirements that transcend specific geographic boundaries. The common examples are NPAs in the N00 format, e.g., 800.
- 1.1.109 **"Number Portability"** is as defined in the Act.
- 1.1.110 **"NXX" or "Central Office Code"** is the three-digit switch entity indicator that is defined by the fourth through sixth digits of a 10-digit telephone number within the NANP. Each NXX Code contains 10,000 station numbers.
- 1.1.111 **"Offers Service"** – At such time as CLEC opens an NPA/NXX, ports a number to serve an end user, or pools a block of numbers to serve end users.
- 1.1.112 Intentionally Left Blank.
- 1.1.113 **"Ordering and Billing Forum"** (OBF) is a forum comprised of local telephone companies and inter-exchange carriers whose responsibility is to create and document Telecommunication industry guidelines and standards.
- 1.1.114 **"Originating Line Information"** (OLI) is an SS7 Feature Group D signaling parameter which refers to the number transmitted through the network identifying the billing number of the calling Party.
- 1.1.115 **"Originating Point Code"** (OPC) means a code assigned to identify CLEC's system(s) that originate SS7 messages, including LIDB Service Queries.
- 1.1.116 **"Out of Exchange LEC (OE-LEC)"** means CLEC operating within AT&T's incumbent local exchange area and provides telecommunications services utilizing NPA-NXXs identified to reside in a Third Party Incumbent LEC's local exchange area.

- 1.1.117 **"Out of Exchange Traffic"** is defined as Section 251(b)(5) and ISP Bound traffic, FX, or intraLATA traffic to or from a non-AT&T ILEC exchange area.
- 1.1.118 **"Party"** means either CLEC or the AT&T-owned ILEC; use of the term "Party" includes each of the AT&T-owned ILEC(s) that is a party to this Agreement. "Parties" means both CLEC and the AT&T-owned ILEC; use of the term "Parties" includes each of the AT&T-owned ILEC(s) that is a party to this Agreement.
- 1.1.119 **"Permanent Number Portability"** (PNP) is a long term method of providing LNP using LRN.
- 1.1.120 **"Person"** means an individual or a partnership, an association, a joint venture, a corporation, a business or a trust or other entity organized under Applicable law, an unincorporated organization or any Governmental Authority.
- 1.1.121 **"Physical Collocation"** is as defined in Appendix Collocation.
- 1.1.122 **"Plain Old Telephone Service"** (POTS) means telephone service for the transmission of human speech.
- 1.1.123 **"Point of Interconnection"** (POI) is a physical location on the AT&T network at which the Parties' networks meet for the purpose of establishing Interconnection. POIs include a number of different technologies and technical interfaces based on the Parties' mutual agreement.
- 1.1.124 **"Rate Center Area"** means the following in each applicable area:
- 1.1.124.1a AT&T SOUTHWEST REGION 5-STATE - **"Rate Center"** means a uniquely defined geographical location within an exchange area (or a location outside the exchange area) for which mileage measurements are determined for the application of interstate tariffs.
- 1.1.124.1b AT&T MIDWEST REGION 5-STATE - **"Rate Center"** means the specific geographic point that has been designated by a given LEC as being associated with a particular NPA-NXX code that has been assigned to the LEC for its provision of Telephone Exchange Service. The Rate Center is the finite geographic point identified by a specific V&H coordinate, which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific Rate Center.
- 1.1.124.2 **"Rating Point"** means the V&H coordinates associated with a particular telephone number for rating purposes.
- 1.1.125 **"Referral Announcement"** refers to a process by which calls are routed to an announcement that states the new telephone number of an End User.
- 1.1.126 **"Remote End Office Switch"** is an AT&T switch that directly terminates traffic to and receives traffic from end users of local Exchange Services, but does not have full feature, function and capability of an AT&T End Office Switch. Such features function, and capabilities are provided to the AT&T Remote End Office Switch via an umbilical to an AT&T Host End Office.
- 1.1.127 **"Routing Point"** is a location which a LEC has designated on its own network as the homing or routing point for traffic inbound to Exchange Service provided by the LEC which bears a certain NPA-NXX designation. The Routing Point is employed to calculate mileage measurements for the distance-sensitive transport element charges of Switched Access services. The Routing Point need not be the same as the Rating Point, nor must it be located within the Rate Center area, but must be in the same LATA as the NPA-NXX.
- 1.1.128 **"Section 251(b)(5) Traffic"** is as defined in Attachment 12: Inter-carrier Compensation.

- 1.1.129 **"Section 251(b)(5)/IntraLATA Traffic"** shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider, and/or (iv) IntraLATA Toll traffic originating from an end user obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and intraLATA toll provider.
- 1.1.130 **"Service Control Point"** (SCP) is the node in the common channel signaling network that accepts Queries for certain Database services. The SCP is a real time database system that receives Queries from service platforms, performs subscriber or application-specific service logic, and then sends a Response back to the Query-originating platform. Such service platforms can be Service Switching Points (SSPs) or other network nodes capable of properly formatting and launching Queries.
- 1.1.131 **"Service Management System"** (SMS) means an off-line system used to access, create, modify, or update information in a Database.
- 1.1.132 **"Service Provider Number Portability"** (SPNP) is synonymous with Permanent Number Portability "PNP."
- 1.1.133 **"Service Switching Point"** (SSP) is a telephone central office switch equipped with a Signaling System 7 (SS7) interface.
- 1.1.134 **"Serving Wire Center"** (SWC) means a Wire Center that serves the area in which the other Party's or a third party's Wire Center, aggregation point, point of termination, or point of presence is located.
- 1.1.135 **"Signaling System 7"** (SS7) means a signaling protocol used by the CCS Network.
- 1.1.136 **"Signal Transfer Point"** (STP) performs a packet switching function that routes signaling messages among Service Switching Points (SSP), Service Control Points (SCP), Signaling Points (SP), and other STPs in order to set up calls and to query databases for Advanced Services.
- 1.1.137 Intentionally Left Blank.
- 1.1.138 **"Switched Access Detail Usage Data"** means a category 1101xx record as defined in the EMI Telecordia Practice BR 010-200-010.
- 1.1.139 **"Switched Exchange Access Service"** means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of telephone toll service. Switched Exchange Access Services include: Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors or similar Switched Exchange Access Services.
- 1.1.140 **"Synchronous Optical Network"** (SONET) is an optical interface standard that allows inter-networking of transmission products from multiple vendors. The base rate is 51.84 Mbps ("OC-1/STS-1") and higher rates are direct multiples of the base rate, up to 13.22 Gbps.
- 1.1.141 **"Telecommunications"** is as defined in the Act.
- 1.1.142 **"Telecommunications Carrier"** is as defined in the Act.
- 1.1.143 **"Telecommunications Service"** is as defined in the Act.
- 1.1.144 **"Telephone Exchange Service"** is as defined in the Act.
- 1.1.145 **"Telephone Toll Service"** is as defined in the Act.
- 1.1.146 **"Third Party"** means any Person other than a Party.

- 1.1.147 **"Toll Billing Exception Service"** (TBE) means a service that allows End Users to restrict third number billing or collect calls to their lines.
- 1.1.148 **"Toll Free Service"** is service provided with any dialing sequence that invokes toll-free, 800-like, service processing, for example for illustration only, 800 or 800-like services. Toll Free Service includes but is not limited to calls placed to 800/888 NPA Service Access Codes (SAC).
- 1.1.149 **"Translation Type"** means a code in the Signaling Connection Control Part (SCCP) of the SS7 signaling message. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route an SS7 message. All LIDB Queries and/or CNAM Queries that use the same Translation Type are routed to the same LIDB and/or CNAM Database for a particular Line Record or, for a particular NPA-NXX.
- 1.1.150 **"Trunk"** means a communication line between two switching systems.
- 1.1.151 **"Unbundled Network Element" or "UNE"** is as defined in Attachment 6 Unbundled Network Elements
- 1.1.152 **"Universal Digital Loop Carrier"** (UDLC) describes a DLC system that has a Central Office terminal channel bank that is connected to the CO switches on the analog side.
- 1.1.153 **"Virtual Collocation"** is as defined in Appendix Collocation.
- 1.1.154 **"Wire Center"** is the location of one or more local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises.

ATTACHMENT 1: RESALE

All services made available to CLEC by AT&T for resale pursuant to the Agreement (Resale services) will be subject to the terms and conditions set forth in the Agreement and in this Attachment 1: Resale, and in its appendices Services/Pricing, Customized Routing - Resale, DA - Resale, OS - Resale and White Pages - Resale, (collectively referred to as "Attachment Resale" or "this Attachment").

1. GENERAL REQUIREMENTS

- 1.1 At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that AT&T currently provides or hereafter provides at retail to subscribers who are not telecommunications carriers (including but not limited to the Resale services set forth in Appendix Services/Pricing attached hereto), will be made available to CLEC by AT&T in accordance with the terms and conditions set forth in the Agreement and this Attachment 1: Resale.

The Parties agree that a LEC has the duty not to prohibit, and not to impose unreasonable or discriminatory condition or limitations on, the resale of its telecommunication service pursuant to 251(b)(1) of the Act.

- 1.2 AT&T will apply an End User Common Line (EUCL) charge to each local exchange line resold under this agreement. All federal rules and regulations associated with EUCL charges, as found in Tariff FCC, also apply.

Consistent with Section 1.7 of the General Terms and Condition of this Agreement, AT&T shall provide Resale Services under the following terms and conditions in this Appendix Resale.

- 1.3 AT&T will make available to CLEC for resale Customer Service Contracts, Enhanced Directory Listings, Prepaid Calling Card, Joint User Services and all listed services contained in Pricing Schedule. Except as otherwise expressed herein, AT&T also will make available for resale to CLEC at the wholesale discount rate ordered by the State Commission any other Telecommunications Services offered by AT&T and not listed in Pricing Schedule.

- 1.4 Intentionally Left Blank

- 1.5 The Resale discount shall not apply to non-telecommunications services offered for Resale by AT&T, including but not limited to the following AT&T services at AT&T's tariffed rate for each service (or in the event a service is not tariffed, at the rate AT&T charges its subscribers, except as otherwise provided herein):

- Suspension Services

- 1.6 The following services are not being made available by AT&T to CLEC for resale.

- BDS/LAN
- Customer Provided Equipment
- Customized Billing Reports
- Inline® Products
- Inside Wiring
- Semi-Public Telephone Booths and Enclosures
- 911 Universal Emergency Number Equipment

- 1.7 Telecommunications Services will be resold by AT&T to CLEC on terms and conditions that are reasonable and nondiscriminatory.

- 1.8 Directory Assistance and Operator Services

Specific provisions, requirements and prices concerning Directory Assistance, Operator Services and related services are set forth in Appendix Directory Assistance/Operator Services, attached hereto.

1.9 Directory Listings Requirements

Specific provisions, requirements and prices concerning Directory Listings are set forth in Appendix White Pages (WP)-Resale, attached hereto.

- 1.10 Unless otherwise provided in this Agreement, AT&T will perform all of its obligations hereunder throughout the entire service area where AT&T is the incumbent local exchange carrier. AT&T will provide the services covered by this Attachment subject to the availability of facilities in this state.
- 1.11 CLEC may at any time add or delete features to or relocate the Resale services for CLEC's end users except for grandfathered services. However, CLEC may only offer grandfathered services to customers that are eligible to receive grandfathered services from AT&T.
- 1.12 Intentionally Left Blank
- 1.13 CLEC may terminate any Resale service within the period specified for termination of such Resale service in AT&T's tariff applicable to that service, unless a different period is specified in this Attachment 1: Resale.
- 1.14 A CLEC shall make its telecommunications services available for resale to AT&T on terms and conditions that are reasonable and nondiscriminatory.

2. BRANDING

- 2.1 CLEC is free to brand the Resale services that AT&T provides to CLEC under the provisions of this Agreement. AT&T will not brand such Resale services provided to CLEC under this Agreement as being AT&T's services, although certain AT&T retail services that utilize electronic branding are subject to the further provisions of Section 2.1.1 below.
- 2.1.1 AT&T offers certain retail services that utilize electronic branding to designate the services as AT&T retail services. Subject to applicable law, to the extent such services are made available for resale to CLEC customers, CLEC may request AT&T to rebrand such services as CLEC services or to offer them without a brand. AT&T will review such requests in a timely manner and provide a cost estimate. CLEC agrees to reimburse AT&T for its costs associated with the technical modifications necessary for such services to be unbranded or rebranded, including the costs to expedite the service availability to meet CLEC's needs. CLEC must accept the costs in writing before unbranding or rebranding technical modifications are performed and implemented. These branding and cost recovery provisions are applicable to services other than Directory Assistance and Operator Services offered by AT&T as of the effective date of this Agreement. To the extent other LSPs subsequently utilize such unbranded services, AT&T agrees to reimburse CLEC for a reasonable portion of its costs.
- 2.2 CLEC will provide the exclusive interface to CLEC end users in connection with the marketing, offering or provision of CLEC services, except as otherwise provided in this Agreement. In those instances where AT&T personnel interface directly with CLEC end users in respect to installation, maintenance, and repair services in connection with providing Resale services to CLEC, orally (either in person or by telephone) or in writing, such personnel will identify themselves as acting on behalf of their local service provider.
- 2.3 Branding provisions concerning AT&T's furnishing of all forms, business cards or other business materials to CLEC customers in connection with the ordering and provisioning and maintenance of Resale services provided for in this Agreement are contained in Attachments 2 and 3 of this Agreement.
- 2.4 CLEC will not, without AT&T's written authorization, offer the Resale services covered by this Agreement using trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T or its affiliates.

3. CHARGE CHANGE IN END USER LOCAL SERVICE PROVIDER (CONVERSION)

- 3.1 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, a conversion charge will apply as set forth in Pricing Schedule.
- 3.1.1 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, a conversion charge will apply as set for in Pricing Schedule. Custom Services conversions will be handled on a Customer Specific Proposal basis.
- 3.1.2 Simple and Complex Service Orders are defined as follows:
- Simple (Manual) Conversion - change in local service provider where services involved are simple, Plain Old Telephone Service (POTS); those services that do not require special review/coordination by other departments (e.g., Routing Managers, Circuit Provisioning Center, Network Sales Support, etc.) for engineering or design work to assure industry standard transmission quality. e.g., normal single line residence or business flat rate or measured local exchange access line. CLEC passes (FAX/phone) manual local service request to LECC and ILEC service representative input request in service order system for provisioning.
- Electronic Conversion - change in local service provider where services involved are simple; CLEC passes electronic local service request to ILEC through electronic interface to ILEC service order systems and service order completes without manual intervention on behalf of ILEC service order personnel; also where a complex service is passed through electronic interface to ILEC service order systems and service order completes without manual intervention on behalf of ILEC service order personnel.
- Complex (Manual) Conversion - change in local service provider involving services that are not characterized as POTS; those services that may require special review/ coordination by other departments (e.g., Routing Managers, Circuit Provisioning Center, Network Sales Support, etc.) for engineering or design work to assure industry standard transmission quality; also, new services that use a different platform than current technology (e.g., SS7 based AIN services).
- 3.2 If a CLEC end user customer adds features or services when the end user customer changes their resold local service from AT&T or another LSP to CLEC, AT&T will charge CLEC . the normal service order charges and/or non-recurring charges associated with said additions and/or changes will be applied in addition to the conversion charge.
- 3.3 For purposes of ordering service furnished under this Appendix, each request for new service (that is, service not currently being provided to the End User on AT&T's network, without regard to the identity of that End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number.
- 3.4 Upon an end user's subscription to CLEC local Resale service, AT&T will promptly remove from the LIDB any AT&T assigned telephone line based calling card number (TLN) applicable to that end user.

4. PRICING

- 4.1 The prices charged or discounts applied to CLEC for Resale service are set forth in Pricing Schedule.
- 4.2 Resale services offered by AT&T through promotions will be available to CLEC on terms and conditions no less favorable that those AT&T makes available to its customers, provided that for promotions of 90 days or less, AT&T will offer the services to CLEC for resale at the promotional rate without a wholesale discount. For promotions of more than 90 days, AT&T will make the services available at the avoided cost discount from the promotional rate.

5. NO RESTRICTIONS ON RESALE

- 5.1 CLEC may resell Resale services to provide telecommunications services to any and all categories of subscribers, unless the applicable state Commission determines otherwise as to a service obtained at wholesale rates. CLEC will not resell to business end users AT&T's Resale services that are restricted by AT&T's tariffs to use by residential subscribers. AT&T is not required to make services available for resale at wholesale rates to CLEC for its own use.
- 5.2 CLEC will not use the Resale services covered by this Agreement to provide intrastate or interstate access services or to avoid intrastate or interstate access charges to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other telecommunications providers. Provided however, that CLEC may permit its end users to use resold Resale services to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.
- 5.3 Except as otherwise provided herein, the most current state-specific retail, and where available resale tariff(s) and/or guidebook(s) (the latter of which as posted on the AT&T CLEC Online web site) shall govern the terms, conditions and charges associated with the Telecommunications Services available to CLEC for resale, with the exception of any resale restrictions; provided however, that any restrictions on further resale by the End User shall continue to apply. Use limitations shall be in parity with services offered by AT&T to its End Users.

6. DIALING PARITY

- 6.1 For all call types associated with the Resale services provided to CLEC by AT&T under this Agreement: (i) an CLEC Customer will not be required to dial any greater number of digits than a similarly-situated AT&T customer; (ii) the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality received by an CLEC end user will be at least equal in quality to that received by a similarly situated AT&T customer; and (iii) the CLEC end user may retain its local telephone number provided the customer remains within the same wire center. End users of CLEC and end users of AT&T will have the same exchange boundaries; such end users will be able to dial the same number of digits when making a "local" call and activating feature functionality.

7. MAINTENANCE

Maintenance will be provided by AT&T in accordance with the service parity requirements set forth in this Attachment 1: Resale and the requirements and standards set forth in Attachment 3: Maintenance-Resale.

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9. BILLING FOR LOCAL SERVICE

- 9.1 AT&T will bill CLEC for Resale services provided by AT&T to CLEC pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 4: Connectivity Billing and Recording-Resale.
- 9.2 AT&T will recognize CLEC as the customer of record for all Local Service and will send all notices, bills and other pertinent information directly to CLEC. CLEC is responsible for the payment of charges for all services furnished by reason of this Attachment.
- 9.3 To the extent allowable by law, CLEC shall be responsible for both Primary Interexchange carrier (PIC) and Local Primary IntraLATA Presubscription (LPIC) change charges associated with each local Exchange line furnished to CLEC under this Attachment. CLEC shall pay all charges for PIC and LPIC changes at the rates set forth in the Pricing Schedule or, if any such rate is not listed in the Pricing Schedule, than as set forth in the applicable tariff.

10. OPERATIONAL REQUIREMENTS

- 10.1 AT&T will provide operational interfaces to CLEC for Resale services pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 2: Ordering and Provisioning-Resale.
- 10.2 AT&T will provide usage information to CLEC for Resale services pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 5: Customer Usage Data-Resale.

APPENDIX SERVICES/PRICING

This Appendix Services/Pricing describes several services which AT&T will make available to CLEC for resale pursuant to the Agreement and Attachment 1: Resale. This list of services is neither all inclusive nor exclusive. All services or offerings of AT&T which are required to be offered for resale pursuant to the Act are subject to the terms herein, even if not specifically enumerated or described in this Appendix.

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2. CLASS AND CUSTOM FEATURES REQUIREMENTS

2.1 CLEC may purchase the entire set of CLASS and Custom features and functions, or a subset of any one or any combination of such features, including packages (e.g., "The Works"), without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service. CLEC may package any services so purchased for purposes of resale to its customers. AT&T will provide to CLEC a list of all services and features. As requested by CLEC, AT&T will provide a definition of these services and features and how they interact with each other to the extent such information is not otherwise publicly available. To the extent this information provided by AT&T differs from the tariff, the tariff prevails. AT&T will provide all features and services pursuant to the provisions of Attachment 2: Ordering and Provisioning.

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4. E911/911 SERVICES

4.1 Where available AT&T will afford CLEC's customers with resold lines the ability to make 911 calls. CLEC will pay the appropriate PSAP applicable 911 surcharges (as defined by the appropriate Oversight Body) on resold lines. Where requested by AT&T, CLEC will provide AT&T with accurate and complete information regarding its customers in a format and time frame prescribed by AT&T for purposes of 9101 administration. AT&T will make CLEC Customer information available to the appropriate PSAP. AT&T use its service order process to update and maintain, on the same schedule that it uses for its Customers, the CLEC Customer service information in the ALI/DMS (Automatic Location Identification/Location Information Database) used to support E911/911 services.

5. SERVICES TO DISABLED CUSTOMERS

5.1 AT&T agrees any services it offers to disabled customers will be made available to CLEC for its customers who qualify as disabled customers. When a AT&T customer eligible for services offered to disabled customers chooses to obtain Resale services from CLEC, AT&T will make all information regarding such customer's eligibility for disabled services available to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells AT&T's disabled services are eligible to receive same.

6. TELEPHONE RELAY SERVICE

6.1 Where AT&T provides to speech and hearing-impaired callers a service that enables callers to type a message into a telephone set equipped with a keypad and message screen and to have a live operator read the message to a recipient and to type the message recipient's response to the speech or hearing-impaired caller ("Telephone Relay Service"), AT&T will make such service available to CLEC at no additional charge, for use by CLEC customers who are speech or hearing-impaired. If AT&T maintains a record of customers who qualify under any applicable law for Telephone Relay Service, AT&T will make such data available to CLEC as it pertains to CLEC Resale service customers.

7. INTENTIONALLY LEFT BLANK

8. ADVANCED INTELLIGENT NETWORK

- 8.1 CLEC may purchase those Advanced Intelligent Network ("AIN") Telecommunication Services AT&T offers at retail, under tariff or otherwise, to subscribers who are not telecommunications carriers.
- 8.2 All service levels, features and function components of AIN provided by AT&T and offered for resale by CLEC will be provided by AT&T at parity with the same services AT&T offers to its own customers.
- 8.3 CLEC may purchase any and all levels of AIN service for Resale services, without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service where technically feasible.

9. PAYPHONE SERVICES

- 9.1 AT&T will provide Payphone Exchange Access Service, including COPT Coin Line service, to CLEC at a wholesale discount, for resale, pursuant to AT&T'S applicable tariffs.

10. CALL TRACE

- 10.1 CLEC end user's activation of Call Trace shall be handled by the AT&T operations centers responsible for handling such requests. AT&T shall notify CLEC of requests by its end users to provide the call records to the proper authorities. Subsequent communications and resolution of the case with CLEC's end users (whether that end user is the victim or the suspect) will be coordinated through CLEC.
- 10.2 CLEC understands that for services where reports are provided to law enforcement agencies (e.g., Call Trace) only billing number and address information will be provided. It will be CLEC's responsibility to provide additional information necessary for any police investigation. CLEC will indemnify AT&T against any claims that insufficient information led to inadequate prosecution.

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12. PAYMENTS OF RATES & CHARGES FROM A THIRD PARTY

- 12.1 Interexchange carried traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to resold end-user accounts will be returned as unbillable and will not be passed on to CLEC for billing. An unbillable code returned with those messages to the carrier will indicate that the messages originated from a resold account and will not be billed by AT&T.

13. INTENTIONALLY LEFT BLANK

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APPENDIX DA-RESALE

AT&T-PROVIDED DIRECTORY ASSISTANCE SERVICE

This Appendix DA-Resale to Attachment 1: Resale sets forth the terms and conditions under which AT&T agrees to provide Directory Assistance Service (DA Service) for CLEC, but only upon CLEC's request therefor.

1. SERVICE

- 1.1 DA Service consists of providing subscriber listing information (name, address, and published or Non-List telephone number or an indication of non-published status) to CLEC's customers who call DA according to current AT&T methods and practices or as subsequently modified.
- 1.2 Directory Assistance Call Completion (DACC) service consists of AT&T completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. AT&T will provide DACC to CLEC's customers for local and intrastate intraLATA calls. In the event and to the extent that AT&T provides DACC service to its own customers for interstate intraLATA calls, it will provide such service to CLEC's customers.
- 1.3 AT&T agrees to provide DACC only in areas where AT&T can furnish Automatic Number Identification (ANI) from CLEC's customers to AT&T's switch and where CLEC obtains DA service from AT&T.

2. DEFINITIONS - The following terms are defined as set forth below:

- 2.1 Directory Assistance Services. AT&T will provide the following DA Services:
 - 2.1.1 Local Directory Assistance. Consists of providing published name, address and telephone number to the dialing end user.
 - 2.1.2 Directory Assistance Call Completion (DACC) [Sometimes also known as "Express Call Completion" (ECC)]. A service in which a local or an intraLATA call to the requested number is completed on behalf of the DA end user, utilizing an automated voice system or with operator assistance.
 - 2.1.3 National Directory Assistance (NDA) A service whereby callers may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.
 - 2.1.4 Reverse Directory Assistance (RDA) An Information Service consisting of providing listed local and national name and address information associated with a telephone number provided by the individual originating the call from a LWCAL.
 - 2.1.5 Business Category Search (BCS) A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
 - 2.1.6 Emergency Nonpub Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a nonpublished end user with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party.
- 2.2 Non-List Number - A Telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling an AT&T DA Operator.
- 2.3 Non-Published Number - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by an AT&T DA Operator.

- 2.4 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling an AT&T DA Operator.
- 2.5 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).
- 2.6 IntraLATA Foreign NPA (FNPA) - Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate intraLATA or intrastate intraLATA DA calls.

3. CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

- 3.1 The process by which an Operator, either live or recorded, will identify the DA provider as being CLEC's. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of DA in the name of CLEC or load a silent brand if requested.
- 3.2 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC. The standard phrase will be consistent with the general form and content currently used by the Parties in branding their respective services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in the Pricing Schedule.
- 3.3 AT&T Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users.

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from AT&T.
- 4.2 AT&T will provide and maintain its own equipment to furnish DA Services, including equipment necessary for routing calls and signals to the AT&T serving office.
- 4.3 AT&T will provide DA Service to CLEC customers using current and updated DA records and in accordance with AT&T's current methods, practices, and procedures or as subsequently modified.
- 4.4 AT&T will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or NPA+555-1212.
- 4.5 AT&T will include current CLEC customer listing information in AT&T's DA database.

5. PRICING

- 5.1 Rates to be charged to CLEC by AT&T for the DA Services provided pursuant to this Appendix are set forth in the Pricing Schedule of this Agreement. In states where AT&T affords customers making calls to DA a monthly free call allowance, AT&T will afford CLEC's customers making calls to DA the same monthly free call allowance, and will not charge CLEC for such calls.

6. LIABILITY

- 6.1 Indemnification and limitation of liability provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

APPENDIX OS-RESALE

AT&T - PROVIDED LOCAL & INTRALATA OPERATOR ASSISTANCE SERVICES

This Appendix OS-Resale to Attachment 1: Resale sets forth the terms and conditions under which AT&T agrees to provide local and intraLATA operator services (Operator Services) for CLEC, but only upon CLEC's request therefore. This Appendix applies only to operator assistance services provided within a LATA.

1. AT&T WILL PROVIDE THE FOLLOWING THREE TIERS OF OPERATOR SERVICES

- 1.1 Fully-Automated - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of an AT&T Operator, hereafter called Operator. AABS allows the caller the option of completing calls through the AABS audio response system. AABS will be offered in areas where facilities exist and where AT&T has Automatic Number Identification (ANI) equipment and TOUCH-TONE service in place. AABS cannot be activated from a rotary telephone and failure or slow response by the caller to the audio prompts will bridge an Operator to the caller for further assistance. The called party must also have TOUCH-TONE service to accept calls that are billed collect or to a third number.
- 1.2 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.
- 1.3 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.

2. AT&T WILL PROVIDE TO CLEC THE CALL TYPES IN SECTIONS 3 THROUGH 8 BELOW

3. FULLY AUTOMATED STATION-TO-STATION - This service is limited to those calls placed collect or billed to a third number. The caller dials 0 plus the telephone number desired, the service selection codes and/or billing information as instructed by the AABS equipment. The call is completed without the assistance of an Operator. This service may also include the following situations:

- 3.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).
- 3.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.
- 3.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.

4. SEMI-AUTOMATED STATION-TO-STATION - This service is limited to those calls placed sent paid, collect or billed to a third number. The caller dials 0 plus the telephone number desired and the call is completed with the assistance of an Operator. This service may also include the following situations:

- 4.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).
- 4.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.

5. SEMI-AUTOMATED PERSON-TO PERSON - A service in which the caller dials 0 plus the telephone number desired and specifies to the Operator the particular person to be reached or a particular PBX station, department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. This service may also include:

- 5.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.
 - 5.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.
6. **OPERATOR HANDLED STATION-TO-STATION** - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
 7. **OPERATOR HANDLED PERSON-TO-PERSON** - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
 8. **OPERATOR TRANSFER SERVICE** - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in AT&T Operator Transfer service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.
 9. **CALL BRANDING** - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC's. In all cases the rates quoted to the customer and those applied to the call will be CLEC's.
 - 9.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC or indicate that a silent brand be loaded. The standard phrase will be consistent with the general form and content currently used by the Parties in branding their respective services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in the Pricing Schedule.
 - 9.2 AT&T Operator Services operators will provide Operator Services Rate Information upon request to CLEC's end users.
10. **OTHER OPERATOR ASSISTANCE SERVICES**
 - 10.1 Line Status Verification - A service in which the caller asks the Operator to determine the busy status of an access line.
 - 10.2 Busy Line Interrupt - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of interrupt or the parties interrupted refuse to terminate the conversation in progress.
 - 10.3 Handling of Emergency Calls to Operator - AT&T agrees to process emergency calls from CLEC Resale customers to an Operator in the same manner that AT&T processes the same type of call for an AT&T end user customer.
 - 10.4 Calling Card - Calls billed to a CLEC proprietary calling card (0+ or 0- access) will be routed via transfer to the CLEC operator.
11. **RESPONSIBILITIES OF THE PARTIES**
 - 11.1 AT&T will provide and maintain such equipment as is required to furnish the Operator Services as described in this Appendix.

- 11.2 Facilities necessary for AT&T to provide Operator Services to CLEC will be provided by AT&T using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.
- 11.3 CLEC will furnish all records required by AT&T to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by AT&T. CLEC will provide the initial data by a date mutually agreed to between CLEC and AT&T . CLEC will keep this data current using procedures mutually agreed to by CLEC and AT&T . CLEC will provide all data and changes to AT&T in the mutually agreed to format(s).
- 11.4 AT&T will accumulate and provide to CLEC data as specified in Attachments 4: Connectivity Billing-Resale and Attachment 5: Customer Usage Data-Resale to this Agreement necessary for CLEC to verify traffic volumes and bill its end users.

12. METHODS AND PRACTICES

- 12.1 AT&T will provide Operator Services in accordance with the operator methods and practices in effect for AT&T at the time the call is made, unless otherwise agreed in writing by both Parties.

13. PRICING

- 13.1 Rates to be charged to CLEC by AT&T for the Operator Services provided pursuant to this Appendix are set forth in the Pricing Schedule of this agreement.

14. LIABILITY

- 14.1 Indemnification and limitation of liability provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

APPENDIX WHITE PAGES (WP) - RESALE

This Appendix White Pages - Resale (WP-Resale) to Attachment 1: Resale, sets forth AT&T's and CLEC's agreement to the following terms and conditions for the inclusion of CLEC Customer information associated with Resale services in the White Pages directories:

1. INTRODUCTION

- 1.1 AT&T publishes White Pages directories for geographic local service areas in which CLEC provides local exchange telephone service in the same area(s), and CLEC wishes to include listings information for its customers in the appropriate AT&T White Pages directories.
- 1.2 CLEC also desires distribution to CLEC's customers of the White Pages directories that include listings of such customers.
- 1.3 AT&T will make available to CLEC, for these CLEC customers, non-discriminatory access to White Pages directory listings (Directory Listings), as described in Section 2.0 of this Attachment.

2. SERVICE PROVIDED

- 2.1 AT&T will use the practices and procedures and the rules and regulations applicable to its provision of White Pages directories on a nondiscriminatory basis. AT&T will include in appropriate White Pages directories the primary alphabetical listings of all CLEC customers (other than non-published or non-list Customers) located within the local directory area. The rules, regulations and AT&T's practices are subject to change from time to time. When CLEC provides its subscriber listing information to AT&T's listings database, CLEC will receive for its End User, one primary listing in AT&T's White Pages directory and a listing in AT&T's directory assistance database at no charge, other than applicable service order charges as set forth in the applicable Pricing Schedule.
- 2.2 CLEC will furnish to AT&T subscriber listing information pertaining to CLEC customers located within the AT&T local directory area, along with such additional information as AT&T may require to prepare and print the alphabetical listings of said directory. AT&T will accept listing information from CLEC according to the manual and mechanized listing methods, procedures and ordering instructions provided via the CLEC Online website. CLEC agrees to submit all listing information via only a mechanized process within six (6) months of the effective date of this Agreement, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. CLEC will submit changes to listing information within one (1) Business Day of the effective date of the change (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a CLEC End User. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates. CLEC must submit all listing information intended for publication by the directory close date.
- 2.3 AT&T will include the listing information for CLEC's customers for Resale services in AT&T's White Pages directory database in the same manner as it includes listing information for AT&T's end user customers.
- 2.4 AT&T will provide, via the AT&T CLEC Online website, the directory listing criteria, methods, procedures and ordering information to CLEC for White Pages listings and will provide changes to such criteria not later than thirty (30) days in advance of such changes becoming effective. This information will include, but not be limited to:
 - 2.4.1 Business rules for standard White Pages listings (e.g., space restrictions, non-listed and non-published listings, abbreviated listings, secondary, additional and foreign listings).
 - 2.4.2 Business rules for residential Enhanced White Pages (e.g., bold, indent, italics) listings available.

- 2.5 CLEC may purchase unpublished, unlisted, foreign, enhanced or other listings in addition to the primary listing on a per listing basis and will pay AT&T amounts attributable to such Listings used by its customers in accordance with the terms of Appendix Services/Prices to Attachment 1: Resale to the Agreement.
- 2.6 CLEC can access via the AT&T CLEC Online website, the directory close dates for areas where CLEC is providing local service. AT&T will provide directory schedule updates, including the directory schedule for a new calendar year, not later than thirty (30) calendar days prior such changes becoming effective.
- 2.7 CLEC's subscriber listings are to be interfiled (interspersed) with AT&T's and other LSPs' subscriber listings in the White Pages directory with no discernible differentiation in the listings to indicate to the reader that the listings are served by another LSP.
- 2.8 AT&T will deliver one copy per primary End User listing, as provided by CLEC, of AT&T's White Pages directory to CLEC's End Users at no charge in the same manner and at the same time that they are delivered to AT&T subscribers during the annual delivery of newly published directories.
- 2.9 AT&T has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's End Users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with AT&T's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.
- 2.10 Intentionally Left Blank.
- 2.11 AT&T shall direct its directory publishing Affiliate to offer CLEC the opportunity to include in the "Information Pages", or comparable section of its White Pages directories (covering the territory where CLEC is certified to provide local service), information provided by CLEC for CLEC installation, repair, customer service and billing information. AT&T's directory publishing Affiliate will include such CLEC information in the "Information Pages" pursuant to terms and conditions agreed to by the publishing Affiliate and CLEC.
- 2.12 AT&T will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the AT&TC CLEC Online website. Upon request, AT&T will provide daily electronic directory listing verification via AT&T's White Page listing systems. Information for directory listing verification is located on the AT&T CLEC Online website.
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3. OWNERSHIP AND USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 Subscriber listing information for Resale services, maintained in AT&T's White Page database including listings of CLEC Customers, is and will remain the property of AT&T. AT&T may provide to Third Parties such subscriber listing information that includes CLEC Customers. Nothing in this Section is intended to preclude CLEC's independent development of subscriber listing information and provision of the same to Third Parties.

ATTACHMENT 2: ORDERING AND PROVISIONING - RESALE

1. GENERAL REQUIREMENTS

- 1.1 Except as provided in Attachment 27: Operations Support System (OSS) AT&T will provide for manual pre-order, ordering and provisioning services for manually submitted orders, conversion orders and/or manual migration orders associated with AT&T's Resale services under the Agreement pursuant to the requirements set forth in this Attachment.
- 1.2 For all Resale services ordered and submitted manually under the Agreement, AT&T will provide pre-order, ordering and provisioning services in parity to the services AT&T provides to its End Users.
- 1.3 AT&T and CLEC agree to work together in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for manual processing of pre-order to use the most current version of AT&T's (LSPOR) and for, ordering and provisioning to utilize the pursuant to the most current version of AT&T's Local Service Ordering Requirements (LSOR).
- 1.4 Neither Party waives any of its rights as participants in such forums in the implementation of the standards.
- 1.5 AT&T agrees to provide, the pre-service ordering information (i.e., address verification, telephone number assignment, and Customer Service Record information (CSR) in English, USOC and FID format subject to the most current version of the Local Service Pre-Ordering Requirements (AT&T's LSPOR) and the terms and conditions as set forth in Attachment Resale.
- 1.6 Pre-order, Ordering and Provisioning requests for Manual Migration and/or Conversion of Resale Services provided by AT&T to the CLEC, where the CLEC is not utilizing an electronic OSS interface, will be transmitted via facsimile to the CLEC's Local Service Center (LSC). In coordinating conversions or migrations, each Party's LSC will respond to the other Party's calls with the same level of service in which that Party provides to its local exchange End Users.
- 1.7 Each Party will provide a Single Point of Contact (SPOC) for all ordering, status inquiries or escalation contacts (via an 800# to that Party's LSC or equivalent) during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site, Monday through Friday (except holidays).
- 1.8 AT&T will respond to emergency requests for after hours provisioning via appropriate AT&T wholesale customer maintenance center, Each Party will provide ordering, provisioning and migration services for Resale services Monday through during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site through its LSC or wholesale customer maintenance center as applicable. Either Party may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that the other Party provide Saturday, Sunday, holiday, and/or additional out-of-hours (during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site) ordering, provisioning and migration services. For each requests for the other Party to perform such services, the Requesting Party will quote, within one (1) business day of the request, a cost-based rate for the number of hours and material estimated for such services. If the Requesting Party accepts the Requested Party's quote, the Requested Party will perform such services to the Requesting Party in the same manner as it does for itself and will bill the Requesting Party for the actual hours worked and material used.
- 1.9 The Parties will provide each other with the same provisioning intervals and procedures for design and complex services that it provides to its End Users. AT&T will provide:
 - 1.10 Layout Record Cards for designed or complex Resale services, upon request by the CLEC.

- 1.11 Each Party will provide to the other advanced information on the details and requirements for planning and implementation of NPA splits within that Party's servicing area.
- 1.12 AT&T will provide a subset of the Street Address Guide (SAG), which includes street addresses and the associated serving switches, enabling CLEC to map an End User address to a specific serving switch via CDROM, its website or other mutually agreed upon methods.
- 1.13 Each Party will train its employees who have contact with the other Party or any other LSP not to discriminate or disparage against any LSP or LSP End User, including the Parties to this Agreement.
- 1.14 Each Party will work together via the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact the daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.
- 1.15 AT&T and CLEC will work cooperatively regarding fraud and service annoyance call handling.
- 1.16 All misdirected calls from either Party's End Users will be given a recording (or a live statement) directing them to call their local provider. To the extent procedures change such that End Users become identifiable, such End Users will be directed to call the respective Party at a designated 800 number. CLEC and AT&T will agree on the scripts to be used for this purpose.
- 1.17 Each Party's LSC or equivalent will provide coordination support for all designed and/or complex Resale services provided to the other Party. Services for which such support is to be provided include, without limitation, Data Services, Voice Grade Private Line, and ISDN PRI and BRI.
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2. PRE-ORDER AND ORDERING REQUIREMENTS

- 2.1 AT&T will provide to CLEC a Firm Order Confirmation (FOC), service completion, and other provisioning data and information
- 2.2 For migration activity, in response to a Party's CSR (Customer Service Request) the other Party will provide End User information, including End User name, billing address and residence or business address, billed telephone numbers and features and services available in the end office where the End User is provisioned. Also, the other Party will:
 - 2.2.1 Identify features and services to which the End User subscribes (Each Party agrees that that its representatives will not access the information specified in this Subsection until after the End User requests that the End User's local exchange service provider be changed to that Party);
 - 2.2.2 In response to a Party's reservation of a telephone number (including requests for vanity numbers), the other Party will assign a telephone number (if the End User does not have one assigned). Reservation and aging of these numbers remain the assigning Party's responsibility.
 - 2.2.1.1 CLEC must maintain records of individual End User's authorizations for change in local Exchange Service and release of CPNI which adhere to all requirements of state and federal law, as applicable.
 - 2.2.1.2 CLEC is solely responsible for determining whether proper authorization has been obtained and holds AT&T harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an End User. The parties agree not to view, copy or otherwise obtain access to the customer record information about any other carrier's End Users without proper permission. CLEC will obtain access to End User customer

record information only in strict compliance with applicable laws, rules or regulations of the state in which the service is provided.

- 2.2.3 Perform address verification.
- 2.3 All CSR data exchanged must include English, USOC and FID format.

3. ORDERING REQUIREMENTS

- 3.1 Pursuant to Attachment 1 Resale and upon CLEC's request through a non-vacation Suspend/Restore order, will suspend or restore the functionality of any applicable Resale service, where technically feasible and in parity with AT&T's End Users.
- 3.2 For the purposes of ordering service furnished under this Attachment, each request for new service (that is, service not currently being provided to the End User on the AT&T network, without regard to the identity of that End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number. Applicable service order charges and/or non-recurring charges associated with said new service will be applied as set forth in Pricing Schedule.
- 3.3 Where available, the tariff retail additional line rate for Service Order Charges shall apply only to those requests for additional residential service to be provided at the same End User premises to which a residential line is currently provided on the other Party's network, without regard to the identity of that End User's non-facilities based local service provider of record.
- 3.4 When a CLEC End User converts existing service to another local service provider's resold service of the same type without any additions or changes (including any change to the PIC and/or LPIC), charges for such conversion will apply as set forth in Pricing Schedule and are applied per billable telephone number.
- 3.5 AT&T will provide to CLEC the functionality of blocking calls (e.g., 900, 976, international calls, and third party or collect calls) by line or trunk on an individual switching element basis, to the extent that AT&T provides such blocking capabilities to its End Users and to the extent required by law.
- 3.6 When ordering a Resale service, CLEC may order from AT&T separate interLATA and intraLATA service providers (i.e., two PICs, when available) on a line or trunk basis and agrees to pay the applicable charges associated with such order as discussed in Attachment 1, Resale. AT&T will accept PIC change orders for intraLATA toll and long distance services.
- 3.7 When a Party to this agreement submits migration orders for a Resale service, all pre- assigned trunk or telephone numbers currently associated with that service will be retained without loss of switch feature capability and without loss of associated Ancillary Functions, including, but not limited to, Directory Assistance and E911 capability. To the extent such losses occur, the Parties will work cooperatively to resolve such occurrence(s).
- 3.8 When AT&T converts a CLEC End User(s) existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Pricing Schedule under the heading "Resale"; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."
- 3.9 AT&T will provide standard provisioning intervals for all Resale services.
- 3.10 AT&T will update the E911 service provider information and establish directory listings, including all information appropriate for residential or business listings and foreign listings, from CLEC's service

order. AT&T will use a mechanized process to ensure that AT&T's directory listing, 911 and LIDB information for the End User is not deleted during the process of converting that End User to resold service provided by a CLEC.

4. PROVISIONING REQUIREMENTS

- 4.1 Except in the event of the migration of an End User's service, only the provider of record can make changes to that End User's service.
- 4.2 Upon request from CLEC, AT&T will provide an intercept referral message that includes any new telephone number of a CLEC End User for the same period of time that AT&T provides such messages for its own End Users. CLEC and AT&T will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by AT&T for its own End Users.
- 4.3 AT&T will provide CLEC with a Firm Order Confirmation (FOC) for each order (multiple Working Telephone Numbers (WTNs) may be included on one order). The FOC will contain but is not necessarily limited to: purchase order number, telephone number, Local Service Request number, Due Date (DD), Service Order number.
- 4.4 Upon work completion, AT&T will provide CLEC, an SOC (Service Order Completion) notice via facsimile or other mutually agreed upon method.
- 4.5 Where available, AT&T will perform pre-testing for support of Complex Resale Services and will, upon request, provide all test and turn up results in support of said pre-testing via facsimile or as mutually agreed upon by the Parties.
- 4.6 As soon as identified, AT&T will provide CLEC any reject error notifications via facsimile or other method agreed upon by the Parties.
- 4.7 When available, AT&T will provide CLEC notice when AT&T's committed Due Date (DD) is in jeopardy of not being met by AT&T on any Resale service via facsimile or other method as mutually agreed upon by the Parties. When available, AT&T will concurrently provide the revised DD via facsimile or other method as agreed upon by the Parties.
- 4.8 When an AT&T employee visits the premises of a CLEC End User, the AT&T employee must inform the End User that he or she is there acting on behalf of their local service provider. Materials left at the End User premises (e.g., a door hanger notifying the End User of the service visit) must also inform the End User that AT&T was on their premises acting on behalf of their local service provider.
- 4.9 AT&T technicians will direct CLEC End User to contact their local service provider if a CLEC End User requests a change in service at the time of installation.
- 4.10 AT&T will provide via facsimile or as otherwise agreed upon by the Parties, notification of any additional charges, including but not limited to, labor, expedited charges, engineering and proprietary requests associated with a given service. AT&T will provide via facsimile, or as otherwise agreed upon by the Parties, notification of any additional charges associated with a given service including required construction charges for a given service. When construction is involved, AT&T will obtain the CLEC's approval prior to commencing construction under a CLEC's order for such service. Rates associated with this Section will be applied in parity to AT&T Resale tariffs, or as mutually agreed to by the Parties.

5. ORDER FORMAT AND DATA ELEMENTS FOR RESALE SERVICE

- 5.1 When ordering Resale services, CLEC will use AT&T's most current version of the LSOR.
- 5.2 Order format specifications for all migration and/or conversion of Resale services available to be ordered and all End User data required will be made available by AT&T to the CLEC, pursuant to

AT&T's most current version of the AT&T LSOR, which will be made available via the AT&T website or as otherwise mutually agreed upon by the Parties.

- 5.3 Appropriate ordering and provisioning codes to be used for each Resale services available to be ordered will be made available by AT&T to CLEC, pursuant to the AT&T's most current version of the AT&T LSOR, which will be made available via the AT&T website or as otherwise mutually agreed upon by the Parties.

6. ORDER DUE DATE

- 6.1 When CLEC places an order, AT&T will specify a Desired Due Date (DDD) and AT&T will specify a due date (DD) based on the available intervals. In the event AT&T DD is less than the standard interval, the service order will be assigned a DD using the applicable interval. Rates associated with a change in an order DD are identified in Pricing Schedule.
- 6.2 If expedited service is available, the CLEC Party will populate the Expedite and Expedite Reason on the request. AT&T will contact the CLEC and the Parties will jointly negotiate an expedited DD. This situation will be considered an expedited order. Rates for expedited DDs and changes to the expedited DDs will apply as reflected in the applicable AT&T state tariff and/or guidebook or AT&T's Pricing Schedule labeled "Service Order Charges Unbundled Element Expedited." AT&T will not complete the order prior to the DD or later than the DD unless authorized by the CLEC.

7. CHARGING FOR PROCESSING OF REQUESTS FOR RESOLD SERVICES

- 7.1 When a CLEC End User(s) subscribes to resold service, recurring charges for the service shall apply at the wholesale discount set forth in Pricing Schedule. The tariff rates for such resold service shall continue to be subject to orders of the appropriate Commission.
- 7.2 When a Party converts an End User(s) existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. Each Party will receive a wholesale discount on all non-recurring service order charges for the services listed in Pricing Schedule under the heading "Resale"; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."

ATTACHMENT 3: MAINTENANCE - RESALE

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide repair, maintenance, and testing, for all Resale services in accordance with the terms and conditions of this Attachment.

2. MAINTENANCE REQUIREMENTS

- 2.1 AT&T will provide maintenance for all Resale services ordered under this Agreement at levels equal to the maintenance provided by AT&T in serving its End User, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management.

3. REPAIR SERVICE RESPONSE

- 3.1 AT&T technicians will provide repair service that is at least equal in quality to that provided to AT&T End Users, trouble calls from CLEC will receive response time and priorities that are at least equal to that of AT&T End Users. CLEC and AT&T agree to use the severity and priority restoration guidelines on CLEC Online.

4. INTERCOMPANY COMMUNICATIONS

- 4.1 AT&T Event Notification Process, a Network Event is any condition that occurs in the network that causes blocked calls associated with inter-office message traffic, managed by the Global Network Operations Center (GNOC)/Network Reliability Center (NRC) will utilize the CLEC's Network Management Center ("NRC") or other CLEC identified contacts listed in the "AT&T 13-STATE CLEC Profile" (Section 7, Contact Names) as the Single Point of Contact to notify CLEC of the existence, location, and source of all emergency network outages affecting an CLEC End Users. Notification will be sent via facsimile and/or e-mail, as designated in the CLEC Profile. The CLEC Customer Network Service Center ("CNSC") or the CLEC NMC may call the appropriate AT&T Wholesale Customer Maintenance Center (WCMC) in order to discuss scheduled activities that may impact CLEC End Users. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

5. EMERGENCY RESTORATION

- 5.1 The applicable AT&T GNOC/NRC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when the CLEC reports trouble to the appropriate AT&T WCMC, the appropriate AT&T WCMC will notify the affected CLEC;
 - 5.1.1 establishment of the appropriate AT&T WCMC as the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services restoration process; and
 - 5.1.2 methods and procedures for reprovisioning of all Resale services after initial restoration. AT&T agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with AT&T TSP services for restoration. AT&T will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services.

6. MISDIRECTED REPAIR CALLS

- 6.1 All misdirected repair calls to AT&T from CLEC End Users will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by AT&T will refer CLEC End Users (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All

calls to 611 in AT&T territory will continue to receive a standardized vacant code announcement (i.e., a recording specifying the number dialed is not valid) for all End Users. CLEC on a reciprocal basis will refer all misdirected repair calls that CLEC receives for AT&T End Users to an AT&T designated number.

7. REPAIR PROCEDURES

7.1 AT&T agrees to the following:

71.2 CLEC will have the ability to report trouble for its End Users to the appropriate WCMC twenty-four (24) hours per day, seven (7) days per week or otherwise shall be in parity with the ability offered by AT&T to its End Users. CLEC will be assigned Maintenance Center(s) when CLEC's initial service agreements are made.. CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance applicable to this Agreement (via an 800 number) 24 hours per day, seven (7) days a week. CLEC end users calling AT&T will be referred to CLEC at the telephone number(s) provided by CLEC to AT&T. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T's network facilities, including without limitation those on End User premises.

7.1.3 While in manual mode operation, AT&T will provide CLEC "estimated time to restore." Upon request, the appropriate AT&T WCMC will provide CLEC status of missed repair commitments. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, additional status will be provided at the CLEC's request. The original trouble commitment will not be changed due to possible loss of priority for that End Users. All missed appointments (e.g., vendor meets) will be handled in the same way. See Attachment 27 OSS for any electronic processing. 7.1.4 For purposes of this Section, a Resale service is considered restored or a trouble resolved when the quality of a Resale service is equal to that provided before the outage or the trouble occurred.

8. ESCALATION PROCEDURES

8.1 AT&T will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of AT&T management personnel who are responsible for maintenance issues. CLEC acknowledges that the WCMC escalation contact list found on CLEC OnLine meets the requirements of this Section.

9. PREMISES VISIT PROCEDURES

9.1 AT&T Maintenance of Service Charges, when applicable, will be billed by AT&T to CLEC, and not to CLEC's End Users.

9.1.1 Dispatching of AT&T technicians to CLEC End User premises shall be accomplished by AT&T pursuant to a request received from CLEC. Additionally, dispatching of AT&T's technicians may occur when AT&T detects network trouble during routine maintenance.

9.1.2 When an AT&T employee visits the premises of a CLEC local End User, the AT&T employee must inform the End User that he or she is there acting on behalf of their local service provider. Materials left at the End User premises (e.g., a door hanger notifying the End User of the service visit) must also inform the End User that AT&T was on their premises acting on behalf of their local service provider.

9.1.3 If a trouble cannot be cleared without access to CLEC's local End User's premises and the End User is not at home, the AT&T technician will leave at the End User's premises a non-branded "no access" card requesting the End User to call their local service provider for rescheduling of repair.

10. DESIGNED AND/OR COMPLEX NEW CIRCUIT TESTING

- 10.1 AT&T will perform testing (including trouble shooting to isolate any problems) of Resale services purchased by CLEC in order to identify any new circuit failure performance problems. CLEC will utilize routine maintenance procedures for reporting troubles.

ATTACHMENT 4: CONNECTIVITY BILLING - RESALE

1. GENERAL

- 1.1 This Attachment 4: Connectivity Billing-Resale describes the requirements for AT&T to bill all charges CLEC incurs for purchasing Resale services.

2. BILLABLE INFORMATION AND CHARGES

- 2.1 In accordance with this Agreement, AT&T will bill those charges CLEC incurs as a result of CLEC purchasing Resale services from AT&T (hereinafter "Connectivity Charges"). Each bill for Connectivity Charges (hereinafter "Connectivity Bill") will be formatted in accordance with EDI for Resale services. CLEC will translate the EDI formatted bills to meet CABS/BOS specifications. AT&T will provide CLEC with EDI implementation guidelines. Each Billing Account Number (BAN) will be sufficient to enable CLEC to identify the Resale services ordered by CLEC to which Connectivity Charges apply. Each Connectivity Bill, including Auxiliary Service Information, will set forth the quantity and description or data element code, as applicable, of Resale services provided and billed to CLEC.
- 2.2 AT&T will provide CLEC a monthly Connectivity Bill that includes all Connectivity Charges incurred by and credits and/or adjustments due to CLEC for those Resale services ordered, established, utilized, discontinued or performed pursuant to this Agreement. Connectivity Bill, including auxiliary service information, provided by AT&T to CLEC will include some, or all, of the following information, as applicable: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date; (2) any known unbilled non-usage sensitive charges for prior periods; (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date; (4) any known unbilled usage sensitive charges for prior periods; (5) any known unbilled adjustments; and (6) any Customer Service Record (CSR) for all flat-rated charges.
- 2.3 The Bill Date, as defined herein, must be present on each bill transmitted by AT&T to CLEC. Connectivity Bills will not be rendered for any Connectivity Charges which are incurred under this Agreement on or before one (1) year preceding the Bill Date.
- 2.4 Each Party will provide the other Party at no charge a contact person for the handling of any Connectivity Billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Attachment 4: Connectivity Billing - Resale.
- 2.5 AT&T will assign to CLEC one billing account number as necessary.

3. ISSUANCE OF CONNECTIVITY BILLS - GENERAL

- 3.1 AT&T will issue all Connectivity Bills in accordance with the terms and conditions set forth in this Section. AT&T will establish monthly billing dates (Bill Date) for each billing account number, which Bill Date will be the same date month to month. Each billing account number will be provided in 13 alpha/numeric characters and will remain constant from month to month, unless changed as agreed to by the Parties. Each Party will provide the other Party at least thirty (30) calendar days written notice prior to changing, adding or deleting a billing account number. The Parties will provide one Connectivity Billing invoice associated with each billing account number. All Connectivity Bills must be received by CLEC no later than ten (10) calendar days from Bill Date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment 4: Connectivity Billing - Resale), whichever is earlier. Any Connectivity Bill received on a Saturday, Sunday or a day designated as a holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties agree) will be deemed received the next business day. If CLEC fails to receive Connectivity Billing data and information within the time period specified above, the payment due date will be extended by the number of days the Connectivity Bill is late.

- 3.2 If CLEC requests an additional copy(ies) of a bill, CLEC will pay AT&T a reasonable fee per additional bill copy, unless such copy(ies) was requested due to errors, omissions, or corrections, or the failure of the original transmission to comply with the specifications set forth in this Agreement.
- 3.3 To avoid transmission failures or the receipt of Connectivity Billing information that cannot be processed, AT&T will provide CLEC with process specifications and EDI implementation guidelines. CLEC will provide AT&T reasonable (within 24 hours) notice if a Connectivity Billing transmission is received that does not meet the specifications in this Attachment. If such transmission is not in compliance with the OBF/ETB guidelines, AT&T will be correct and resubmitted the transmission to CLEC at AT&T's sole expense, in a form that can be processed. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment 4: Connectivity Billing - Resale.

4. ELECTRONIC TRANSMISSIONS

- 4.1 AT&T will electronically transmit Connectivity Billing information and data for Resale services in the appropriate EDI format via a dedicated circuit with Connect: Direct, or Value Added Network (VAN). If a dedicated circuit with Connect:Direct is the chosen method of delivery, the Parties agree that a point-to-point T1 or 256kb frame relay circuit to the gateway is recommended. If AT&T has an established Connect: Direct link with CLEC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link for data transmission must be established. AT&T and CLEC will provide each other appropriate Connect: Direct Node IDs. Any change to either Party's Connect: Direct Node IDs must be sent to the other Party no later than twenty-one (21) calendar days before the change takes effect.

5. TAPE OR PAPER TRANSMISSIONS

- 5.1 In the event either Party does not have a circuit with Connect: Direct or VAN capabilities upon the Effective Date of this Agreement, such Party agrees to establish Connect: Direct or VAN transmission capabilities with the other Party within the time period mutually agreed and at the establishing Party's expense. Until such time, the Parties will transmit billing information to each other via another available media (as agreed to by CLEC and AT&T). Connectivity billing information and data for payment contained on magnetic tapes or paper will be sent to the Parties at the following locations. The Parties acknowledge that all tapes transmitted to the other Party via U.S. Mail or Overnight Delivery and which contain Connectivity Billing data will not be returned to the sending Party.

| | |
|--|--|
| Tape Transmissions via U.S. Mail: | Michael McAlister, General Counsel Navigator Telecommunications, LLC. 8525 Riverwood Park Drive North Little Rock, AR 72113 |
| Tape Transmissions via Overnight Delivery: | Michael McAlister, General Counsel Navigator Telecommunications, LLC. 8525 Riverwood Park Drive North Little Rock, AR 72113 |
| Paper Transmissions via U.S. Mail: | Michael McAlister, General Counsel Navigator Telecommunications, LLC. 8525 Riverwood Park Drive North Little Rock, AR 72113 |
| Paper Transmissions via Overnight Delivery: | Michael McAlister, General Counsel Navigator Telecommunications, LLC. 8525 Riverwood Park Drive North Little Rock, AR 72113 |

6. TESTING REQUIREMENTS

6.1 To the extent required by the applicable state Commission, at least ninety (90) days prior to AT&T sending CLEC a mechanized Connectivity Bill for the first time via electronic transmission, or tape, or at least 30 days prior to changing mechanized formats, AT&T will send to CLEC Connectivity Bill data in the appropriate mechanized format for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment 4: Connectivity Billing - Resale. The Parties will mutually agree to develop a testing process to ensure the accurate transmission of the Connectivity Bill. When AT&T meets mutually agreed testing specifications, AT&T may begin sending CLEC mechanized Connectivity Bills on the next Bill Date, or on the next bill date after a complete billing cycle, whichever is later.

7. ADDITIONAL REQUIREMENTS

7.1 AT&T agrees that if it transmits data to CLEC in a mechanized format, AT&T will also comply with the following specifications which are not contained in OBF/ETB guidelines but which are necessary for CLEC to process Connectivity Billing information and data:

- a) The billing account number shall not contain embedded spaces or low values;
- b) The Bill Date shall not contain spaces or non-numeric values;
- c) Each Connectivity Bill must contain at least one detail record;
- d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

8. BILL ACCURACY CERTIFICATION

8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire Connectivity Billing process, to the extent required by the applicable state Commission AT&T will develop the processes and methodologies required for Resale services bill certification.

9. PAYMENT OF CHARGES

9.1 Subject to the terms of this Agreement, CLEC and AT&T will remit the billed amount within thirty (30) calendar days from the Bill Date, or twenty (20) calendar days from the receipt of the bill, whichever is later. If the payment due date is a Sunday or is a Monday that has been designated a bank holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties agree), payment will be made the next business day. If the payment due date is a Saturday or is on a Tuesday, Wednesday, Thursday or Friday that has been designated a bank holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties agree), payment will be made on the preceding business day.

9.2 Payments will be made in U.S. Dollars via electronic funds transfer (EFT) to the other Party's bank account. At least thirty (30) days prior to the first transmission of Connectivity Billing data and information for payment, AT&T and CLEC will provide each other the name and address of their respective banks, their respective accounts and routing numbers and to whom Connectivity Billing payments should be made payable. If such banking information changes, each Party will provide the other Party at least sixty (60) days written notice of the change and such notice will include the new banking information. The Parties will electronically transfer funds and remittances via automated clearinghouse (ACH) standard EDI transaction sets. In the event CLEC receives multiple Connectivity Bills from AT&T which are payable on the same date, CLEC may remit one payment for the sum of all Connectivity Bills payable to AT&T's bank account specified in this subsection. Each party will provide the other party with a contact person for the handling of Connectivity Billing payment questions or problems.

10. EXAMINATION OF RECORDS

- 10.1 Without waiver of and in addition to the Audit rights in the General part of this Agreement, upon reasonable notice and at reasonable times, CLEC or its authorized representatives may examine AT&T's documents, systems, records and procedures which relate to the billing of the Connectivity Charges to CLEC under this Attachment 4: Connectivity Billing - Resale.

ATTACHMENT 5: PROVISION OF CUSTOMER USAGE DATA - RESALE

1. INTRODUCTION

- 1.1 This Attachment sets forth the terms and conditions for AT&T's provision of Usage Data (as defined in this Attachment) to CLEC. Upon written request, Usage Data will be provided by AT&T to CLEC when CLEC purchases Resale services from AT&T.

2. GENERAL REQUIREMENTS FOR USAGE DATA

- 2.1 AT&T's provision of Usage Data to CLEC will be in accordance with the Performance Metrics if applicable, that have been approved, adopted or ordered by the applicable state Commission. To the extent the Commission has approved, adopted and ordered such performance metrics, AT&T's performance based on such Performance Metrics will begin to be measured and reported at the time CLEC begins providing local service to customers, but AT&T's provision of Usage Data will not be required to meet such Performance Metrics until six (6) months after CLEC begins providing local services to customers.
- 2.2 AT&T will retain Usage Data in accordance with the AT&T Daily Usage File User Guide. As found on AT&T's CLEC OnLine website subject to applicable laws and regulations.

3. USAGE DATA SPECIFICATIONS

- 3.1 AT&T will provide usage data for CLEC Customers using AT&T-provided Resale services. Usage Data includes, but is not limited to, the following categories of information:
- a) Completed calls;
 - b) Use of CLASS/LASS/Custom Features;
 - c) Calls to Directory Assistance where AT&T provides such service to an CLEC customer;
 - d) Calls completed via AT&T - provided Operator Services where AT&T provides such service to CLEC's Local Service customer;
 - e) Intentionally Left Blank
 - f) Complete call detail and complete timing information for Resale services.

AT&T will provide Usage Data for calls that AT&T records (e.g., Local Measured Services).

4. USAGE DATA FORMAT

- 4.1 AT&T will provide Usage Data in the Alliance for Telecommunications Industry Solutions (ATIS) Ordering and Billing Forum (OBF) Exchange Message Interface (EMI) format and by category, group and record type, as specified in the AT&T Daily Usage File User's Guide, or as otherwise agreed to by the Parties.
- 4.2 AT&T will include the Working Telephone Number (WTN) of the call originator on each EMI call record, when available.
- 4.3 End user customer usage records and station level detail records will be in packs in accordance with EMI guidelines.
- 4.4 File transmission for DUF is requested by each unique State and OCN combination. CLEC must provide to AT&T a separate written request for each unique State and OCN combination no less than sixty (60) calendar days prior to the desired first transmission date for each file.

5. USAGE DATA REQUIREMENTS

- 5.1 AT&T will pack and organize the Usage Data according to EMI guidelines. AT&T will provide Usage Data for Resale services to a CLEC locations as agreed to by the Parties.
- 5.2 AT&T will provide Usage Data for Resale services to CLEC locations as agreed to by the Parties.

- 5.3 AT&T will transmit formatted Usage Data to CLEC via CONNECT: Direct (C:D) or as otherwise agreed to by the Parties.
- 5.4 CLEC and AT&T will test and certify the CONNECT: Direct interface to ensure the accurate transmission of Usage Data.
- 5.5 AT&T will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the AT&T Daily Usage File User's Guide.
- 5.6 The IS Call Center can be contacted to respond to CLEC record transmission inquiries. Other Usage inquiries should be coordinated through Account Management. If written notification is not received within thirty (30) calendar days, AT&T shall have no further obligation to recover the data and shall have no further liability to the CLEC.

6. **ALTERNATIVELY BILLED CALLS**

- 6.1 Calls that are placed using the services of AT&T or another LEC or LSP and billed to a Resale service line of CLEC are called "Incollects." Calls that are placed using CLEC Resale service and billed to a AT&T line or other LEC or LSP are called "Outcollects."
- 6.2 Outcollects: AT&T will provide to CLEC the unrated message detail that originates from an CLEC subscriber line but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.) (Outcollects). AT&T will transmit such data to CLEC via the DUF.
- 6.3 Incollects: AT&T will provide the rated messages it receives from the CMDS1 network to CLEC for billing to CLEC's end-users associated with messages that originate from a number other than the billing number and that are billable to CLEC customers ("Incollects"). AT&T will transmit such data to CLEC via the DUF.
- 6.4 Charges for Alternately Billed Calls shall be paid by CLEC at the rated value of the call less the appropriate State discount.

ATTACHMENT 6: ACCESS TO UNBUNDLED NETWORK ELEMENTS (251 (c)(3) UNEs)

1. INTRODUCTION

This Attachment 6: Access to Unbundled Network Elements (251 (c)(3) UNEs) to the Agreement sets forth the unbundled Network Elements that AT&T agrees to offer to CLEC. The specific terms and conditions that apply to the unbundled Network Elements are described below. The price for each Network Element is set forth in the Pricing Schedule.

2. GENERAL TERMS AND CONDITIONS

2.1 251 (c)(3) UNEs and Declassification. This Agreement sets forth the terms and conditions pursuant to which AT&T will provide CLEC with access to unbundled network elements under Section 251(c)(3) of the Act in AT&T's incumbent local exchange areas for the provision of Telecommunications Services by CLEC; provided, however, that notwithstanding any other provision of the Agreement, AT&T shall be obligated to provide 251 (c)(3) UNEs only to the extent required by Section 251(c)(3) of the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders, and may decline to provide 251 (c)(3) UNEs to the extent that provision of the 251 (c)(3) UNE(s) is not required by Section 251(c)(3) of the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders. 251 (c)(3) UNEs that AT&T is required to provide pursuant to Section 251(c)(3) of the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders shall be referred to in this Agreement as "251 (c)(3) UNEs." The Parties acknowledge and agree that AT&T is only obligated to make available 251 (c)(3) UNEs and access to 251 (c)(3) UNEs to CLEC in AT&T's incumbent local exchange areas. AT&T has no obligation to provide such 251 (c)(3) UNEs to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T's incumbent local exchange areas. In addition, AT&T is not obligated to provision 251 (c)(3) UNEs or to provide access to 251 (c)(3) UNEs and is not otherwise bound by any 251(c) obligations in geographic areas other than AT&T's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Attachment, and any associated provisions set forth elsewhere this Agreement (including but not limited to the rates set forth in this Agreement associated with Collocation, Interconnection and/or Resale), shall only apply to the Parties and be available to CLEC for provisioning Telecommunication Services within an AT&T incumbent local exchange area(s) in the State in which this Agreement with AT&T has been approved by the relevant state Commission and is in effect.

2.1.1 A network element, including a network element referred to as a 251 (c)(3) UNE under this Agreement, will cease to be a 251 (c)(3) UNE under this Agreement if it is no longer required by Section 251(c)(3) of the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders. Without limitation, a 251 (c)(3) UNE that has ceased to be a 251 (c)(3) UNE may also be referred to as "Declassified."

2.1.2 Without limitation, a network element, including a network element referred to as a 251 (c)(3) UNE under this Agreement is Declassified, upon or by (a) the issuance of the mandate in *United States Telecom Association v. FCC*, 290 F.3d 415 (D.C. Cir. 2002) ("USTA I"); or (b) operation of the *Triennial Review Order* released by the FCC on August 21, 2003 in CC Docket Nos. 01-338, 96-98 and 98-147 (the "Triennial Review Order" or "TRO"), which became effective as of October 2, 2003, as modified by the Errata issued by the FCC in that same proceeding, FCC 03-227, 18 FCC Rcd 19020 (rel. Sept. 17, 2003) (the "Triennial Review Order" or "TRO"), which became effective as of October 2, 2003, including rules promulgated thereby; or (c) the issuance of a legally effective finding by a court or regulatory agency acting within its authority that requesting Telecommunications Carriers are not impaired without access to a particular network element on an unbundled basis; or (d) the issuance of the mandate in the D.C. Circuit Court of Appeals' decision, *United States Telecom Association v. FCC*, Case No. 00-1012 (D.C. Cir. 2004) ("USTA

II"); or (e) the issuance of any valid law, order or rule by the Congress, FCC or a judicial body stating that AT&T is not required, or is no longer required, to provide a network element on an unbundled basis pursuant to Section 251(c)(3) of the Act. By way of example only, a network element can cease to be a 251 (c)(3) UNE or be Declassified on an element-specific, route-specific or geographically-specific basis or a class of elements basis. Under any scenario, "Transition Procedure" as discussed in this agreement shall apply.

2.1.2.1 By way of example only, and without limitation, network elements that are Declassified include at least the following: (i) entrance facilities; (ii) dedicated transport at any level, including but not limited to DSO, OCN, DS1, DS3 or Dark Fiber Transport; (iii) Local Switching (as defined in Section 8 of this Attachment); (iv) OCn Loops, DS1 or DS3 Loops, or Dark Fiber Loops; (v) the Feeder portion of the Loop; (vi) Line Sharing; (vii) any Call-Related Database, other than the 911 and E911 databases, that is not provisioned in connection with CLEC's use of AT&T's ULS (as no local switching constitutes 251 (c)(3) UNE local switching, AT&T is not obligated to provide, and CLEC shall not request such Call-Related Databases, other than the 911 and E911 databases, under this Agreement; (viii) SS7 signaling that is not provisioned in connection with CLEC's use of AT&T's ULS (as no local switching constitutes 251 (c)(3) UNE local switching, AT&T is not obligated to provide, and CLEC shall not request SS7 signaling under this Agreement); (ix) Packet switching, including routers and DSLAMs; (x) the packetized bandwidth, features, functions, capabilities, electronics and other equipment used to transmit packetized information over Hybrid Loops (as defined in 47 CFR 51.319 (a)(2)), including without limitation, xDSL-capable line cards installed in digital loop carrier ("DLC") systems or equipment used to provide passive optical networking ("PON") capabilities; (xi) Fiber-to-the-Home Loops (as defined in 47 CFR 51.319(a)(3)) ("FTTH Loops"), except to the extent that AT&T has deployed such fiber in parallel to, or in replacement of, an existing copper loop facility and elects to retire the copper loop, in which case AT&T will provide nondiscriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the FTTH loop on an unbundled basis;

2.1.2.2 Additional network elements that may be Declassified and be subject to this Section 2.1.2.2 include any element or class of elements as to which a general determination is made that requesting Telecommunications Carriers are not impaired without access to such element or class of elements;

2.1.2.3 At a minimum, at least the items set forth in this Section 2.1 shall not constitute 251 (c)(3) UNEs under this Agreement.

2.1.3 It is the Parties' intent that only 251 (c)(3) UNEs shall be available under this Agreement; accordingly, if this Agreement requires or appears to require 251 (c)(3) UNE(s) or unbundling without specifically noting that the 251 (c)(3) UNE(s) or unbundling must be "," the reference shall be deemed to be a reference to 251 (c)(3) UNE(s) or unbundling, as defined in this Section 2.1.

2.1.4 By way of example only, if terms and conditions of this Agreement state that AT&T is required to provide a 251 (c)(3) UNE or 251 (c)(3) UNE combination or other arrangement including a "251 (c)(3) UNE Dedicated Transport," and Dedicated Transport is Declassified or is otherwise no longer a 251 (c)(3) UNE, then AT&T shall not be obligated to provide the item under this Agreement as an unbundled network element, whether alone or in combination with or as part of any other arrangement under the Agreement.

2.2 Nothing contained in the Agreement shall be deemed to constitute consent by AT&T that any item identified in this Agreement as a 251 (c)(3) UNE, network element or 251 (c)(3) UNE is a network element or 251 (c)(3) UNE under Section 251(c)(3) of the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders, that AT&T is required to provide to CLEC alone, or

in combination with other network elements or 251 (c)(3) UNEs (or otherwise), or commingled with other network elements, 251 (c)(3) UNEs (or otherwise) or other services or facilities.

- 2.3 The preceding includes without limitation that AT&T shall not be obligated to provide combinations (whether considered new, pre-existing or existing) or other arrangements (including, where applicable, Commingled Arrangements) involving AT&T network elements that do not constitute 251 (c)(3) UNEs, or where 251 (c)(3) UNEs are not requested for permissible purposes.
- 2.4 Notwithstanding any other provision of this Agreement or any Amendment to this Agreement, including but not limited to intervening law, change in law or other substantively similar provision in the Agreement or any Amendment, if an element described as an unbundled network element or 251 (c)(3) UNE in this Agreement is Declassified or is otherwise no longer a 251 (c)(3) UNE, then the Transition Procedure defined in Section 2.5, below, shall govern.
- 2.5 Transition Procedure. AT&T shall only be obligated to provide 251 (c)(3) UNEs under this Agreement. To the extent an element described as a 251 (c)(3) UNE or an unbundled network element in this Agreement is Declassified or is otherwise no longer a 251 (c)(3) UNE, AT&T may discontinue the provision of such element, whether previously provided alone or in combination with or as part of any other arrangement with other 251 (c)(3) UNEs or other elements or services. Accordingly, in the event one or more elements described as 251 (c)(3) UNEs or as unbundled network elements in this Agreement is Declassified or is otherwise no longer a 251 (c)(3) UNE, AT&T will provide written notice to CLEC of its discontinuance of the element(s) and/or the combination or other arrangement in which the element(s) has been previously provided. During a transitional period of thirty (30) days from the date of such notice, AT&T agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice, CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a 251 (c)(3) UNE in the AT&T notice letter referenced in this Section 2.5. AT&T reserves the right to audit the CLEC orders transmitted to AT&T and to the extent that the CLEC has processed orders and such orders are provisioned after this 30-day transitional period, such elements are still subject to this Section 2.5, including the options set forth in (a) and (b) below, and AT&T's rights of discontinuance or conversion in the event the options are not accomplished. During such 30-day transitional period, the following options are available to CLEC with regard to the element(s) identified in the AT&T notice, including the combination or other arrangement in which the element(s) were previously provided:
- (a) CLEC may issue an LSR or ASR, as applicable, to seek disconnection or other discontinuance of the element(s) and/or the combination or other arrangement in which the element(s) were previously provided; or
 - (b) AT&T and CLEC may agree upon another service arrangement or element (e.g. via a separate agreement at market-based rates or resale), or may agree that an analogous access product or service may be substituted, if available.

Notwithstanding anything to the contrary in this Agreement, including any amendments to this Agreement, at the end of that thirty (30) day transitional period, unless CLEC has submitted a disconnect/discontinuance LSR or ASR, as applicable, under (a), above, and if CLEC and AT&T have failed to reach agreement, under (b), above, as to a substitute service arrangement or element, then AT&T may, at its sole option, disconnect the element(s), whether previously provided alone or in combination with or as part of any other arrangement, or convert the subject element(s), whether alone or in combination with or as part of any other arrangement to an analogous resale or access service, if available.

- 2.5.1 The provisions set forth in this Section 2.5 "Transition Period" are self-effectuating, and the Parties understand and agree that no amendment shall be required to this Agreement in order for the provisions of this Section 2.5 "Transition Period" to be implemented or effective as provided above. Further, Section 2.5 "Transition Period" governs the situation where an unbundled network element or 251 (c)(3) UNE under this Agreement is Declassified or is otherwise no longer a 251

(c)(3) UNE, even where the Agreement may already include an intervening law, change in law or other substantively similar provision. The rights and obligations set forth in Section 2.5, above, apply in addition to any other rights and obligations that may be created by such intervening law, change in law or other substantively similar provision.

- 2.5.2 Notwithstanding anything in this Agreement or in any Amendment, AT&T shall have no obligation to provide, and CLEC is not entitled to obtain (or continue with) access to any network element on an unbundled basis at rates set under Section 252(d)(1), whether provided alone, or in combination with other 251 (c)(3) UNEs or otherwise, once such network element has been or is Declassified or is otherwise no longer a 251 (c)(3) UNE. The preceding includes without limitation that AT&T shall not be obligated to provide combinations (whether considered new, pre-existing or existing) involving AT&T network elements that do not constitute 251 (c)(3) UNEs, or where 251 (c)(3) UNEs are not requested for permissible purposes.
- 2.6 Where processes for any 251 (c)(3) UNE requested pursuant to this Agreement, whether alone or in conjunction with any other 251 (c)(3) UNE(s) or service(s), pursuant to this Agreement are not already in place, AT&T will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.
- 2.7 CLEC may use one or more Unbundled Network Elements to provide any technically feasible feature, function, or capability that such Unbundled Network Element(s) may provide, within the technical parameters of the Unbundled Network Element.
- 2.8 If CLEC orders unbundled Network Elements in combination pursuant to this Attachment, and identifies to AT&T the type of telecommunications service it intends to deliver to its end user customer through that combination (e.g., POTS, ISDN), AT&T will provide the requested elements with all the functionality, and with at least the same quality of performance and operations systems support (ordering, provisioning, maintenance, billing and recording), that AT&T provides through its own network to its local exchange service customers receiving equivalent service, unless CLEC requests a lesser or greater quality of performance through the Bona Fide Request (BFR) process. Unbundled Network element combinations provided to CLEC by AT&T will meet all performance criteria and measurements that AT&T achieves when providing equivalent end user service to its local exchange service customers (e.g., POTS, ISDN).
- 2.9 Conditions for Access to 251 (c)(3) UNEs
- 2.9.1 In order to access and use 251 (c)(3) UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3)), and must use the 251 (c)(3) UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)). Together, these conditions are the "Statutory Conditions" for access to 251 (c)(3) UNEs. Accordingly, CLEC hereby represents and warrants that it is a Telecommunications Carrier and that it will notify AT&T immediately in writing if it ceases to be a Telecommunications Carrier. Failure to so notify AT&T shall constitute material breach of this Agreement.
- 2.9.2 Other conditions to accessing and using any 251 (c)(3) UNE (whether on a stand-alone basis or in combination with other network elements or 251 (c)(3) UNEs (or otherwise) may be applicable under and effective FCC rules and associated and effective FCC and judicial orders ("Qualifying Services Conditions") and will also apply, as follows:
- 2.10 New Combinations Involving 251 (c)(3) UNEs
- 2.10.1 Subject to the provisions hereof and upon CLEC request, AT&T shall meet its combining obligations involving 251 (c)(3) UNEs as and to the extent required by FCC rules and orders, and *Verizon Comm. Inc. v. FCC*, 535 U.S. 467(May 13, 2002) ("*Verizon Comm. Inc.*") and, to the extent not inconsistent therewith, the rules and orders of relevant state Commission and any other Applicable Law.

- 2.10.1.1 Any combining obligation is limited solely to combining of 251 (c)(3) UNEs; accordingly, no other facilities, services or functionalities are subject to combining, including but not limited to facilities, services or functionalities that AT&T might offer pursuant to Section 271 of the Act.
- 2.10.2 In the event that AT&T denies a request to perform the functions necessary to combine 251 (c)(3) UNEs or to perform the functions necessary to combine 251 (c)(3) UNEs with elements possessed by CLEC, AT&T shall provide written notice to CLEC of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, *Verizon Comm. Inc.* and the Agreement, including Section 2.10 of this Attachment.
- 2.10.3 In accordance with and subject to the provisions of this Section 2.10, including Section 2.10.3.2 and 2.10.5, the new 251 (c)(3) UNE combinations set forth in the Schedule(s) – 251 (c)(3) UNE Combinations attached and incorporated into this Appendix shall be made available to CLEC as specified in the specific Schedule for a particular State.
- 2.10.3.1 The Parties acknowledge that the United States Supreme Court in *Verizon Comm. Inc.* relied on the distinction between an incumbent local exchange carrier such as AT&T being required to perform the functions necessary to combine 251 (c)(3) UNEs and to combine 251 (c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, as compared to an incumbent LEC being required to complete the actual combination. As of the time this Attachment was agreed-to by the Parties, there has been no further ruling or other guidance provided on that distinction and what functions constitute only those that are necessary to such combining. In light of that uncertainty, AT&T is willing to perform the actions necessary to also complete the actual physical combination for those new 251 (c)(3) UNE combinations set forth in the Schedule(s) – 251 (c)(3) UNE Combinations to this Appendix, subject to the following:
- 2.10.3.1.1 Section 2.10, including any acts taken pursuant thereto, shall not in any way prohibit, limit or otherwise affect, or act as a waiver by, AT&T from pursuing any of its rights, remedies or arguments, including but not limited to those with respect to *Verizon Comm. Inc.*, the remand thereof, or any FCC or Commission or court proceeding, including its right to seek legal review or a stay of any decision regarding combinations involving 251 (c)(3) UNEs. Such rights, remedies, and arguments are expressly reserved by AT&T. Without affecting the foregoing, this Agreement does not in any way prohibit, limit, or otherwise affect AT&T from taking any position with respect to combinations including 251 (c)(3) UNEs or any issue or subject addressed or related thereto.
- 2.10.3.1.2 Upon the effective date of any regulatory, judicial, or legislative action setting forth, eliminating, or otherwise delineating or clarifying the extent of an incumbent LEC's combining obligations, AT&T shall be immediately relieved of any obligation to perform any non-included combining functions or other actions under this Agreement or otherwise, and CLEC shall thereafter be solely responsible for any such non-included functions or other actions. This Section 2.10.3.1.2 shall apply in accordance with its terms, regardless of change in law, intervening law or other similarly purposed provision of the Agreement and, concomitantly, the first sentence of this Section 2.10.3.1.2 shall not affect the applicability of any such provisions in situations not covered by that first sentence.

- 2.10.3.1.3 Without affecting the application of Section 2.10.3.1.2 (which shall apply in accordance with its provisions), upon notice by AT&T, the Parties shall engage in good faith negotiations to amend the Agreement to set forth and delineate those functions or other actions that go beyond the ILEC obligation to perform the functions necessary to combine 251 (c)(3) UNEs and combine 251 (c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, and to eliminate any AT&T obligation to perform such functions or other actions. If those negotiations do not reach a mutually agreed-to amendment within sixty (60) days after the date of any such notice, the remaining disputes between the parties regarding those functions and other actions that go beyond those functions necessary to combine 251 (c)(3) UNEs and combine 251 (c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, shall be resolved pursuant to the dispute resolution process provided for in this Agreement. Such a notice can be given at any time, and from time to time.
- 2.10.3.4 A new 251 (c)(3) UNE combination, if any, listed on a Schedule – 251 (c)(3) UNE Combinations does not imply or otherwise indicate the availability of related support system capabilities, including without limitation, whether electronic ordering is available for any particular included new 251 (c)(3) UNE combination in one or more States. Where electronic ordering is not available, manual ordering shall be used.
- 2.10.3.5 For a new 251 (c)(3) UNE combination, if any, listed on a Schedule – 251 (c)(3) UNE Combinations, CLEC shall issue appropriate service requests. These requests will be processed by AT&T, and CLEC will be charged the applicable 251 (c)(3) UNE service order charge(s), in addition to the recurring and nonrecurring charges for each individual 251 (c)(3) UNE and cross connect ordered.
- 2.10.3.6 Upon notice by AT&T, the Parties shall engage in good faith negotiations to amend the Agreement to include a fee(s) for any work performed by AT&T in providing the new 251 (c)(3) UNE combinations, if any, set forth in Schedule(s) – 251 (c)(3) UNE Combinations, which work is not covered by the charges applicable per Section 2.10.3.5. For any such work done by AT&T under Section 2.10.1, any such fee(s) shall be a reasonable cost-based fee, and shall be calculated using the Time and Material charges as reflected in State-specific pricing. For any such work that is not so required to be done by AT&T, any such fee(s) shall be at a market-based rate. If those negotiations do not reach a mutually agreed-to amendment within sixty (60) days after the date of any such notice, the remaining disputes between the parties concerning any such fee(s) shall be resolved pursuant to the dispute resolution process provided for in this Agreement. Such a notice can be given at any time, and from time to time.
- 2.10.4 In accordance with and subject to the provisions of this Section 2.10, any request not included in Section 2.10.3 in which CLEC wants AT&T to perform the functions necessary to combine 251 (c)(3) UNEs or to perform the functions necessary to combine 251 (c)(3) UNEs with elements possessed by CLEC (as well as requests where CLEC also wants AT&T to complete the actual combination), shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Agreement.
- 2.10.4.1 In any such BFR, CLEC must designate among other things the 251 (c)(3) UNE(s) sought to be combined and the needed location(s), the order in which the 251 (c)(3) UNEs and any CLEC elements are to be connected, and how each connection (*e.g.*, cross-connected) is to be made between an AT&T 251 (c)(3) UNE and the network element(s) possessed by CLEC.

- 2.10.4.2 In addition to any other applicable charges, CLEC shall be charged a reasonable cost-based fee for any combining work done by AT&T under Section 2.10.1. Such fee shall be calculated using the Time and Material charges as reflected in the State-specific Appendix Pricing. AT&T's Preliminary Analysis to the BFR shall include an estimate of such fee for the specified combining. With respect to a BFR in which CLEC requests AT&T to perform work not required by Section 2.10.1, CLEC shall be charged a market-based rate for any such work.
- 2.10.5 Without affecting the other provisions hereof, the 251 (c)(3) UNE combining obligations referenced in this Section 2.10 apply only in situations where each of the following is met:
- 2.10.5.1 it is technically feasible, including that network reliability and security would not be impaired;
- 2.10.5.2 AT&T's ability to retain responsibility for the management, control, and performance of its network would not be impaired;
- 2.10.5.3 AT&T would not be placed at a disadvantage in operating its own network;
- 2.10.5.4 it would not undermine the ability of other Telecommunications Carriers to obtain access to 251 (c)(3) UNEs or to Interconnect with AT&T's network; and
- 2.10.5.5 CLEC is
- 2.10.5.5.1 unable to make the combination itself; or
- 2.10.5.5.2 a new entrant and is unaware that it needs to combine certain 251 (c)(3) UNEs to provide a Telecommunications Service, but such obligation under this Section 2.10.5.5 ceases if AT&T informs CLEC of such need to combine.
- 2.10.6 For purposes of Section 2.10.5.5 and without limiting other instances in which CLEC may be able to make a combination itself, CLEC is deemed able to make a combination itself when the 251 (c)(3) UNE(s) sought to be combined are available to CLEC, including without limitation:
- 2.10.6.1 at an AT&T premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement.
- 2.10.7 Section 2.10.5.5 shall only begin to apply thirty (30) days after notice by AT&T to CLEC. Thereafter, AT&T may invoke Section 2.10.5.5 with respect to any request for a combination involving 251 (c)(3) UNEs.
- 2.11 Conversion of Wholesale Services to 251 (c)(3) UNEs
- Upon the issuance of the Court's mandate in USTA II, and in the absence of and effective FCC rules or orders requiring conversion of special access services to combinations of 251 (c)(3) UNE Loop(s) and 251 (c)(3) UNE Dedicated Transport(s), AT&T is not obligated to and shall not perform such conversions, and CLEC shall not request such conversions. If and effective FCC rules or orders require conversions, and for all other conversion requests, the following shall apply:
- 2.11.1 Upon request, AT&T shall convert a wholesale service, or group of wholesale services, to the equivalent 251 (c)(3) UNE, or combination of 251 (c)(3) UNEs, that is available to CLEC under terms and conditions set forth in this Attachment, so long as the CLEC and the wholesale service, or group of wholesale services, meets the eligibility criteria that may be applicable for such conversion. (By way of example only, the statutory conditions would constitute one such eligibility criterion.)
- 2.11.2 Where processes for the conversion requested pursuant to this Attachment are not already in place, AT&T will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.11.3 Except as otherwise provided hereunder, AT&T shall not impose any untariffed termination charges, or any disconnect fees, re-connect fees, or charges associated with establishing a service for the first time, in connection with any conversion between a wholesale service or group of wholesale services and a 251 (c)(3) UNE or combination of 251 (c)(3) UNEs.

2.11.3.1 AT&T's may charge applicable service order charges and record change charges.

2.11.4 This Section 2.11 only applies to situations where the wholesale service, or group of wholesale services, is comprised solely of 251 (c)(3) UNEs offered or otherwise provided for in this Attachment.

2.12 Commingling

2.12.1 "Commingling" means the connecting, attaching, or otherwise linking of a 251 (c)(3) UNE, or a combination of 251 (c)(3) UNEs, to one or more facilities or services that CLEC has obtained at wholesale from AT&T, or the combining of a 251 (c)(3) UNE, or a combination of 251 (c)(3) UNEs, with one or more such facilities or services. "Commingling" means the act of commingling.

2.121.1 "Commingled Arrangement" means the arrangement created by Commingling.

2.12.1.2 Neither Commingling nor a Commingled Arrangement shall include, involve, or otherwise encompass an AT&T offering pursuant to 47 U.S.C. § 271 that is not a 251 (c)(3) UNE under 47 U.S.C. § 251(c)(3).

2.12.1.3 Where processes for any Commingling requested pursuant to this Agreement (including, by way of example, for existing services sought to be converted to a Commingled Arrangement) are not already in place, AT&T will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.12.2 Except as provided in Section 2 and, further, subject to the other provisions of this Agreement, AT&T shall permit CLEC to Commingle a 251 (c)(3) UNE or a combination of 251 (c)(3) UNEs with facilities or services obtained at wholesale from AT&T to the extent required by FCC rules and orders.

2.12.3 Upon request, and subject to this Section 2, AT&T shall perform the functions necessary to Commingle a 251 (c)(3) UNE or a combination of 251 (c)(3) UNEs with one or more facilities or services that CLEC has obtained at wholesale from AT&T (as well as requests where CLEC also wants AT&T to complete the actual Commingling), except that AT&T shall have no obligation to perform the functions necessary to Commingle (or to complete the actual Commingling) if (i) the CLEC is able to perform those functions itself; or (ii) it is not technically feasible, including that network reliability and security would be impaired; or (iii) AT&T's ability to retain responsibility for the management, control, and performance of its network would be impaired.; or (iv) AT&T would be placed at a disadvantage in operating its own network; or (v) it would undermine the ability of other Telecommunications Carriers to obtain access to 251 (c)(3) UNEs or to Interconnect with AT&T's network. Where CLEC is a new entrant and is unaware that it needs to Commingle to provide a Telecommunications Service, but such obligation under this Section ceases if AT&T informs CLEC of such need to Commingle.

2.12.3.1 For purposes of Section 2.12 and without limiting other instances in which CLEC may be able to Commingle for itself, CLEC is deemed able to Commingle for itself when the 251 (c)(3) UNE(s), 251 (c)(3) UNE combination, and facilities or services obtained at wholesale from AT&T are available to CLEC, including without limitation:

2.12.3.1.1 at an AT&T premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement.

- 2.12.3.2 Section 2.12.3(i) shall only begin to apply thirty (30) days after notice by AT&T to CLEC. Thereafter, AT&T may invoke Section 2.12.3(i) with respect to any request for Commingling.
- 2.12.4 In accordance with and subject to the provisions of this Section 2.12, any request by CLEC for AT&T to perform the functions necessary to Commingle (as well as requests where CLEC also wants AT&T to complete the actual Commingling), shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Agreement.
- 2.12.4.1 In any such BFR, CLEC must designate among other things the 251 (c)(3) UNE(s), combination of 251 (c)(3) UNEs, and the facilities or services that CLEC has obtained at wholesale from AT&T sought to be Commingled and the needed location(s), the order in which such 251 (c)(3) UNEs, such combinations of 251 (c)(3) UNEs, and such facilities and services are to be Commingled, and how each connection (e.g., cross-connected) is to be made between them.
- 2.12.4.2 In addition to any other applicable charges, CLEC shall be charged a reasonable fee for any Commingling work done by AT&T under this Section 2.12 (including performing the actual Commingling). Such fee shall be calculated using the Time and Material charges as reflected in the State-specific Pricing Schedule or the applicable tariff. AT&T's Preliminary Analysis to the BFR shall include an estimate of such fee for the specified Commingling. With respect to a BFR in which CLEC requests AT&T to perform work not required by this Section 2.12.4, CLEC shall be charged a market-based rate for any such work.
- 2.12.5 AT&T shall not be required to, and shall not, provide "ratcheting" as a result of Commingling or a Commingled Arrangement. As a general matter, "ratcheting" is a pricing mechanism that involves billing a single circuit at multiple rates to develop a single, blended rate. AT&T shall charge the rates for 251 (c)(3) UNEs (or 251 (c)(3) UNE combinations) Commingled with facilities or services obtained at wholesale (including for example special access services) on an element-by-element basis, and such facilities and services on a facility-by-facility, service-by-service basis.
- 2.12.6 Nothing in this Agreement shall impose any obligation on AT&T to allow or otherwise permit Commingling, a Commingled Arrangement, or to perform the functions necessary to Commingle, or to allow or otherwise permit CLEC to Commingle or to make a Commingled Arrangement, beyond those obligations imposed by the Act, as determined by and effective FCC rules and associated and effective FCC and judicial orders. The preceding includes without limitation that AT&T shall not be obligated to Commingle network elements that do not constitute 251 (c)(3) UNEs, or where 251 (c)(3) UNEs are not requested for permissible purposes. If CLEC does not meet the applicable eligibility criteria, including Statutory Conditions, or, for any reason, stops meeting the eligibility criteria for a particular 251 (c)(3) UNE involved or to be involved in a Commingled Arrangement, CLEC shall not request such Commingled Arrangement or continue using such Commingled Arrangement.
- 2.12.7 In the event that Commingling involves AT&T performing the functions necessary to combine 251 (c)(3) UNEs (e.g., make a new combination of 251 (c)(3) UNEs), and including making the actual 251 (c)(3) UNE combination, then Section 2.10 shall govern with respect to that 251 (c)(3) UNE combining aspect of that particular Commingling and/or Commingled Arrangement.
- 2.12.8 Subject to this 2.12, AT&T shall not deny access to a 251 (c)(3) UNE or a combination of 251 (c)(3) UNEs on the grounds that one or more of the 251 (c)(3) UNEs is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from AT&T.
- 2.12.9 Commingling in its entirety (including its definition, the ability of CLEC to Commingle, AT&T's obligation to perform the functions necessary to Commingle, and Commingled Arrangements) shall not apply to or otherwise include, involve or encompass AT&T offerings pursuant to 47 U.S.C. § 271 that are not 251 (c)(3) UNEs under 47 U.S.C. § 251(c)(3).

- 2.13 Where processes for any 251 (c)(3) UNE requested pursuant to this Agreement, whether alone or in conjunction with any other 251 (c)(3) UNE(s) or service(s), are not already in place, AT&T will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.
- 2.14 AT&T will combine 251 (c)(3) UNEs, combine 251 (c)(3) UNE(s) with network elements possessed by CLEC, and/or Commingled only as set forth in this Appendix 251 (c)(3) UNE.
- 2.15 The Parties intend that this Attachment 251 (c)(3) UNEs contains the sole and exclusive terms and conditions by which CLEC will obtain 251 (c)(3) UNEs from AT&T. Accordingly, except as may be specifically permitted by this Attachment 251 (c)(3) UNEs, and then only to the extent permitted, CLEC and its affiliated entities hereby fully and irrevocably waive any right or ability any of them might have to lease any unbundled network element (whether on a stand-alone basis, in combination with other 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or pursuant to Commingling or otherwise) directly from any AT&T tariff, and agree not to so lease or attempt to so lease from any such tariff. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to enforce the foregoing (including if AT&T fails to reject or otherwise block orders for, or provides or continues to provide, unbundled network elements, or otherwise, under tariff) shall not act as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder. At its option, AT&T may either reject any such order submitted under tariff, or without the need for any further contact with or consent from CLEC, AT&T may process any such order as being submitted under this Appendix 251 (c)(3) UNE and, further, may convert any element provided under tariff, to this Appendix 251 (c)(3) UNE, effective as of the later in time of the (i) Effective Date of this Agreement/Amendment, or (ii) the submission of the order by CLEC.
- 2.16 Reservation of Rights/Intervening Law

AT&T's provision of 251 (c)(3) UNEs identified in this Agreement is subject to the provisions of the Federal Act, including but not limited to, Section 251(d). By entering into this Agreement which makes available certain 251 (c)(3) UNEs, or any Amendment to this Agreement, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s), including but not limited each Party's right to dispute whether any 251 (c)(3) UNEs identified in the Agreement must be provided under Section 251(c)(3) and Section 251(d) of the Act, and under this Agreement, including, without limitation, its intervening law rights relating to the following actions, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA, et. al v. FCC*, 290 F.3d 415 (D.C. Cir. 2002) and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004); the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98 and 98-147 (FCC 03-36) and the FCC's Biennial Review Proceeding; the FCC's Supplemental Order Clarification (FCC 00-183) (rel. J251 (c)(3) UNE 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001), which was remanded in *WorldCom, Inc. v. FCC*, 288 F.3d 429 (D.C. Cir. 2002) and as to the FCC's Notice of Proposed Rulemaking as to Intercarrier Compensation, CC Docket 01-92 (Order No. 01-132) (rel. April 27, 2001) (collectively "Government Actions"). Notwithstanding anything to the contrary in this Agreement (including without limitation, this Attachment, AT&T shall have no obligation to provide 251 (c)(3) UNEs, combinations of 251 (c)(3) UNEs, combinations of 251 (c)(3) UNE(s) and CLEC's own elements or 251 (c)(3) UNEs in commingled arrangements beyond those required by the Act, including the and effective FCC rules and associated FCC and judicial orders. If any action by any state or In the event that a state or federal regulatory or legislative body or a court of competent jurisdiction, in any proceeding finds, rules and/or otherwise orders that any of the 251 (c)(3) UNEs and/or 251 (c)(3) UNE combinations provided for under this Agreement do not meet the necessary and impair standards set forth in Section 251(d)(2) of

the Act, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order upon the written request of either Party ("Written Notice"). With respect to any Written Notices hereunder, the Parties shall have sixty (60) days from the Written Notice to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications required to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

- 2.17 Various subsections below list the Unbundled Network Elements that AT&T has agreed, subject to the other terms and conditions in this Agreement, to make available to CLEC for the provision by CLEC of a telecommunications service. AT&T will make additional Unbundled Network Elements available pursuant to the terms of Section 2.30 of this Attachment.
- 2.18 Subject to the terms herein, AT&T is responsible only for the installation, operation and maintenance of the Unbundled Network Elements it provides. AT&T is not otherwise responsible for the telecommunications services provided by CLEC through the use of those elements.
- 2.19 Except upon request, AT&T will not separate requested Unbundled network elements that are currently combined by AT&T.
- 2.20 Where unbundled Network elements provided to CLEC are dedicated to a single end user, if such elements are for any reason disconnected they will be made available to AT&T for future provisioning needs, unless such element is disconnected in error. The CLEC agrees to relinquish control of any such 251 (c)(3) UNE concurrent with the disconnection of a CLEC's end user customer's Service.
- 2.21 Each Party is solely responsible for the services it provides to its end users and to other Telecommunications Carriers.
- 2.22 AT&T will provide CLEC notification pursuant to 47 CFR §§ 51.325-51.335.
- 2.23 The 251 (c)(3) UNEs provided pursuant to this Agreement will be available to AT&T at times mutually agreed upon in order to permit AT&T to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. No credit will be allowed for any interruptions involved during such tests and adjustments.
- 2.24 CLEC's use of any AT&T Unbundled network element, or of its own equipment or facilities in conjunction with any AT&T Unbundled network element, will not materially interfere with or impair service over any facilities of AT&T, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, AT&T may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the Unbundled Network element(s) causing the violation.
- 2.25 AT&T and CLEC will negotiate to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters and catastrophic network failures (e.g., interoffice cable cuts and central office power failure) which affect their telecommunications services. These plans will provide for restoration and disaster recovery for CLEC customers at least equal to what AT&T provides for its customers and will allow CLEC to establish restoration priority among CLEC customers consistent with applicable law.
- 2.26 Performance of Unbundled Network Elements
 - 2.26.1 Each Unbundled Network Element provided by AT&T to CLEC will meet applicable regulatory performance standards and be at least equal in quality and performance as that which AT&T provides to itself. Each Network Element will be provided in accordance with AT&T Technical

Publications or other written descriptions, as approved by the applicable state Commission. AT&T will file its Technical Publications with the applicable state Commission, if required to do so by that Commission, and such Technical Publications will be effective within ten (10) business days of filing unless suspended by the Commission. If a Technical Publication is suspended, the applicable state Commission, if approval is required by that Commission, shall approve the Technical Publication or deny approval for good cause within forty-five (45) days, or other Commission approved intervals, of filing. Further, changes may be made from time to time by joint agreement of AT&T and the affected CLEC, and where CLEC agreement cannot be obtained, as changed with the approval of the applicable state Commission. Such publications will be shared with CLEC. CLEC may request, and AT&T may provide, to the extent technically feasible, Unbundled Network Elements that are superior or lesser in quality than AT&T provides to itself and such service will be requested pursuant to the BFR process.

- 2.26.2 AT&T will provide an AT&T Technical Publication or other written description for each Unbundled Network Element offered under this Agreement. The Technical Publication or other description for an Unbundled Network Element will describe the features, functions, and capabilities provided by the Unbundled network Element as of the time the document is provided to CLEC. No specific form for the Technical Publication or description is required, so long as it contains a reasonably complete and specific description of the Unbundled network Element's capabilities. The Technical Publication or other description may be accompanied by reference to vendor equipment and software specifications applicable to the Unbundled Network Element.
- 2.26.3 Nothing in this Agreement will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any such upgrades in its network which will materially impact the other Party's service consistent with the timelines established by the 47 CFR FCC §§ 51.325-335. CLEC will be solely responsible, at its own expense, for the overall design of its telecommunications services and for any redesigning or rearrangement of its telecommunications services which may be required because of changes in facilities, operations or procedure of AT&T, minimum network protection criteria, or operating or maintenance characteristics of the facilities.
- 2.26.4 AT&T will provide notification of network changes in accordance with 47 CFR §§ 51.325-335.
- 2.26.5 For Unbundled Network elements leased through the BFR Process, AT&T, in its discretion, will determine whether it can offer the applicability of the preceding paragraph on a case by case basis.
- 2.26.6 For each Unbundled Network Element provided for in this Attachment, AT&T Technical Publications or other written descriptions meeting the requirements of this section will be made available to CLEC not later than thirty (30) days after the Effective Date of this Agreement.
- 2.26.7 AT&T will provide performance measurements as outlined in Attachment 17 under this Agreement. AT&T will not levy a separate charge for providing this information.
- 2.27 If one or more of the requirements set forth in this Attachment are in conflict, the Parties will jointly elect which requirement will apply.
- 2.28 When CLEC lease unbundled Network Elements to provide interexchange services or exchange access services for intraLATA traffic originated by or terminating to CLEC local service customers, AT&T will not collect access charges from CLEC or other IXCs except for charges for exchange access transport services that an IXC elects to lease from AT&T.
- 2.29 CLEC will connect equipment and facilities that are compatible with the AT&T Unbundled Network Elements and will use Network Elements in accordance with the applicable regulatory standards and requirements referenced in Section 2.9.
- 2.30 Bona Fide Request (BFR)

The sections below identify unbundled Network Elements and provide terms and conditions on which AT&T will offer them to CLEC. Any request by CLEC for an additional unbundled Network Element not included in this Agreement will be considered under the procedures set forth below. Where facilities and equipment are not available, CLEC may request and, to the extent required by law and as AT&T may otherwise agree, AT&T will provide Unbundled Network Elements through the Bona Fide Request (BFR) process.

- 2.30.1 AT&T will promptly consider and analyze access to new unbundled Network Element with the submission of a Unbundled Network Element BFR hereunder. The Unbundled Network Element BFR process set forth herein does not apply to those services requested pursuant to FCC Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.
- 2.30.2 CLEC may submit a Unbundled Network Element BFR in writing utilizing the Unbundled Network Element BFR Application Form, which will include a technical description of each requested Unbundled Network Element, drawings when needed, locations where needed and the projected quantity of interconnection points ordered together with a three (3) year demand forecast.
- 2.30.3 CLEC may cancel an Unbundled Network Element BFR by providing written notice to AT&T in a commercially reasonable manner; provided however, that such cancellation may not occur later than ninety (90) calendar days from the date AT&T's received the Unbundled Network Element BFR.
- 2.30.4 Within ten (10) business days of its receipt, AT&T will acknowledge receipt of the Unbundled Network Element BFR and in such acknowledgement advise CLEC of any further information needed for a complete and accurate Unbundled Network Element BFR Application Form. CLEC acknowledges that the time intervals set forth hereafter in this section begin once AT&T has received a complete and accurate Unbundled Network Element BFR Application Form.
- 2.30.5 Except under extraordinary circumstances, within thirty (30) days of its receipt of an Unbundled Network Element BFR, AT&T will provide to CLEC a preliminary analysis of such Unbundled Network Element BFR. The preliminary analysis will confirm that the AT&T will offer access to the Unbundled Network Element or will provide a detailed explanation that access to the Unbundled Network Element is not technically feasible and/or that the request does not qualify as a Unbundled Network Element that is required to be provided under the Act.
- 2.30.6 Following receipt of the Preliminary Analysis CLEC may, at its discretion, provide written authorization to AT&T to develop the Unbundled Network Element BFR Final Quote. CLEC must provide such written authorization within thirty (30) calendar days of receipt of the preliminary analysis. If written authorization is not provided to AT&T within thirty (30) calendar days, the Unbundled Network Element BFR will be deemed cancelled, and CLEC will be required to submit a new Unbundled Network Element BFR thereafter should CLEC desire pursuit of a similar Unbundled Network Element.
- 2.30.7 As soon as feasible, but not more than ninety (90) calendar days after its receipt of written authorization to proceed with developing the Unbundled Network Element BFR Final Quote, AT&T shall provide CLEC an Unbundled Network Element BFR Final Quote that will include, at a minimum, a description of each Unbundled Network Element, the availability, the applicable rates to include recurring and non-recurring costs, the installation intervals, Unbundled Network Element BFR development and processing costs and terms and conditions for amending the Agreement to order and provision the Unbundled Network Element BFR..
- 2.30.9 Within thirty (30) calendar days of its receipt of the Unbundled Network Element BFR Final Quote, the requesting Party must either (1) confirm or cancel its Unbundled Network Element BFR pursuant to the terms and conditions of the Unbundled Network Element BFR Final quote or (2) submit any disputed issues with the Unbundled Network Element BFR Final Quote for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.

- 2.30.10 If a Party to an Unbundled Network Element BFR believes that the other Party is not requesting, negotiating or processing the Unbundled Network Element BFR in good faith, or disputes a determination, or price or cost quote, such Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.
- 2.30.11 Whenever CLEC requests to lease a particular AT&T Unbundled Network Element that is developed and operational at the time of the Unbundled Network Element BFR, but for which no unbundled Network Element price has been established or agreed by the Parties, CLEC's request will be considered as follows: AT&T will provide a price quote for the Unbundled Network Element BFR, consistent with the Act, within ten (10) business days following AT&T's receipt of CLEC's request. If the Parties have not agreed on a price for the Unbundled Network Element within ten (10) business days following CLEC's receipt of the price quote, either Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.
- 2.30.12 After the Parties to an Unbundled Network Element BFR have reached agreement on terms, conditions and rates for the Unbundled Network Element BFR, they shall jointly cooperate in preparing and filing an amendment to this Agreement for the ordering and provisioning of the Unbundled Network Element BFR.
- 2.30.13 The Preliminary Analysis by AT&T in response to a BFR request may be based upon AT&T's obligations under FCC rules and regulations ("FCC Rules") as they existed prior to their vacature by the D.C. Circuit in its decision in *United States Telecom Association, et al.* ("USTA Decision"), 290 F.3d 415 (D.C. Cir. 2002), in which the Court granted the petitions for review of the Federal Communications Commission's ("FCC") Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-98 (FCC 99-238) ("the 251 (c)(3) UNE Remand Order") and the FCC's Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (FCC 99-355) (rel. Dec. 9, 1999) ("the Line Sharing Order"), and vacated and remanded the 251 (c)(3) UNE Remand and Line Sharing Orders in accordance with the decision. In addition, the Preliminary Analysis may not reflect changes to the FCC's Rules in light of the FCC's Triennial Review Order, adopted by the FCC on February 20, 2003, on remand and pursuant to its Notice of Proposed Rulemaking, Review of Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers (rel. Dec. 20, 2001) ("Triennial Review Order").
- 2.30.14 In providing the Preliminary Analysis, AT&T does not waive, but instead expressly reserves, all of its rights, remedies, and arguments with respect to the USTA Decision, the FCC's Triennial Review Order, and any other federal or state regulatory, legislative or judicial action(s) that relate to the matters addressed in AT&T Preliminary Analysis, including, but not limited to, any legal or equitable rights of review and remedies (including agency reconsideration and court review). Accordingly, AT&T reserves the right to withdraw, revise or otherwise modify its Preliminary Analysis (and any Final Quote that may follow) consistent with the USTA Decision, the FCC's Triennial Review Order and/or any other relevant regulatory, judicial or legislative action prior to any provisions implementing the BFR (to the extent accepted by AT&T and the Parties' agreement to rates, terms and conditions relating to the BFR being incorporated into an approved and effective interconnection agreement between the Parties.

3. NETWORK INTERFACE DEVICE

- 3.1 Consistent with Section 2.1 of this Attachment 251 (c)(3) UNE, AT&T shall provide 251 (c)(3) UNE Network Interface Device under the following terms and conditions in this subsection.
- 3.2 The 251 (c)(3) UNE Network Interface Device (NID) is a cross-connect used to connect loop facilities to inside wiring. The fundamental function of the NID is to establish the official network demarcation point between a carrier and its end user customer. The NID contains the appropriate and accessible connection points or posts to which the service provider and the end user customer each make its connections. The NID is defined as any means of interconnection of End User customer premises wiring

to AT&T's distribution loop facilities, such as a cross connect device used for that purpose. Maintenance and control of the End User's inside wiring (on the End User's side of the NID) is under the control of the End User. Conflicts between telephone service providers for access to the End User's inside wire must be resolved by the End User. Pursuant to applicable FCC rules, AT&T offers nondiscriminatory access to the NID on an unbundled basis to CLEC for the provision of a Telecommunications Service. CLEC access to the NID is offered as specified below.

- 3.3 CLEC personnel may connect CLEC loop facilities to the customer's inside wire at the AT&T NID, as is, at no charge. Should CLEC request AT&T to disconnect its loop from the customer's inside wire, AT&T will charge CLEC a non recurring charge as reflected on the Pricing Schedule labeled as "Disconnect Loop from Inside Wiring per NID". Any repairs, upgrades and rearrangements (other than loop disconnection addressed in the preceding sentence) required by CLEC will be performed by AT&T based on Time and Materials charges as reflected on the Pricing Schedule labeled "Time and Materials Charges".
- 3.4 To the extent an AT&T NID exists, it will be the interface for CLEC loop facilities to customers' premises wiring unless CLEC and the customer agree to an interface that bypasses the AT&T NID.
- 3.5 CLEC will provide its own NID and will interface CLEC loop facilities to the customer's premises wiring through connections in the customer chamber, if available, of the AT&T NID, unless CLEC and the customer agree to an alternate interface as provided for in Section 3.3.
- 3.6 With respect to multiple dwelling units or multiple-unit business premises, CLEC will provide its own NID, will connect CLEC loop facilities directly with the customer's inside wire and will not require any connection to the AT&T NID, unless such premises are served by "single subscriber" type NIDs. If the premises are served by "single subscriber" type NIDs, then the provisions of sections 3.2 – 3.4, above will apply.
- 3.7 The AT&T NIDs that CLEC uses under this Attachment will be those installed by AT&T to serve its customers.
- 3.8 CLEC will not attach to or disconnect AT&T's ground. CLEC will not cut or disconnect AT&T's loop from its protector. CLEC will not cut any other leads in the NID. CLEC will protect all disconnected leads with plastic sleeves and will store them within the NID enclosure. CLEC will tighten all screws or lugs loosened by CLEC in the NID's enclosure and replace all protective covers.
- 3.9 If CLEC requests a different type of NID not included with the loop, AT&T will consider the requested type of NID to be facilitated via the Bona Fide Request (BFR) Process.

4. 251 (C)(3) UNE LOCAL LOOP

- 4.1 Consistent with Section 2.1 of this Attachment 251 (c)(3) UNE, AT&T shall provide 251 (c)(3) UNE Local Loop under the following terms and conditions in this subsection.
- 4.2 Pursuant to applicable FCC rules, a 251 (c)(3) UNE local loop is a dedicated transmission facility between a distribution frame (or its equivalent) in an AT&T Central Office and the loop demarcation point at an End User customer premises. Therefore, consistent with the applicable FCC rules, AT&T will make available the 251 (c)(3) UNE local loops set forth herein below between a distribution frame (or its equivalent) in an AT&T Central Office and the loop demarcation point at an End User customer premises. The Parties acknowledge and agree that AT&T shall not be obligated to provision any of the 251 (c)(3) UNE local loops provided for herein to cellular sites or to any other location that does not constitute an End User customer premises. Where applicable, the 251 (c)(3) UNE local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User customer premises wiring, provided such wire is owned and controlled by AT&T. The 251 (c)(3) UNE local loop includes all features, functions and capabilities of the transmission facility, including attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line

Access Multiplexers), and line conditioning (subject to applicable charges in Appendix Pricing) for purposes of the deployment of xDSL-based technologies as more specifically provided in the Line Sharing, Line Splitting and xDSL Appendix to, or elsewhere in, this Agreement. 251 (c)(3) UNE Local Loops are copper loops (two-wire and four-wire analog voice-grade copper loops, digital copper loops [e.g. DS0s and integrated services digital network lines]), as well as two-wire and four-wire copper loops conditioned, at CLEC request and subject to charges, to transmit the digital signals needed to provide digital subscriber line services) (the terms and conditions for 2-wire and 4-wire xDSL loops are set forth in the Line Splitting and xDSL Appendix to, or elsewhere in this Agreement where xDSL loops are addressed. xDSL loops are not covered under this Attachment 251 (c)(3) UNEs. CLEC agrees to operate each 251 (c)(3) UNE local loop type within the technical descriptions and parameters accepted within the industry.

- 4.2.1 When a 251 (c)(3) UNE local loop is ordered to a high voltage area, the Parties understand and agree that the 251 (c)(3) UNE local loop will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and the CLEC's end-user customer. Therefore, any request by CLEC for a 251 (c)(3) UNE local loop to a high voltage area will be submitted by CLEC to AT&T via the BFR process and CLEC shall be required to pay AT&T for any HVPE that is provisioned by AT&T to CLEC in connection with the CLEC's 251 (c)(3) UNE local loop order to the high voltage area.
- 4.3 AT&T will provide at the rates, terms, and conditions set out in the Pricing Schedule the types of unbundled loops. When CLEC orders an unbundled loop, CLEC will be provided a termination on whatever NID, if any, connects the loop to the customer premises, without additional charge.
 - 4.3.1 The 2-Wire analog loop supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.
- 4.4 When CLEC owns or manages its own switch and requests an unbundled Loop to be terminated on CLEC's switch and the requested loop is currently serviced by AT&T's Integrated Digital Loop Carrier (IDLC) or Remote Switching technology, AT&T will, where available, move the requested unbundled Loop to a spare, existing physical or a universal digital loop carrier unbundled Loop at no additional charge to CLEC. If, however, no spare unbundled Loop is available, AT&T will within forty-eight (48) hours, excluding weekends and holidays, of CLEC's request notify CLEC of the lack of available facilities. CLEC may request alternative arrangements through the Special Request process. This section does not apply when CLEC orders a Loop/Switch port combination from AT&T.
 - 4.4.1 AT&T will offer 5 dB conditioning on a 2-wire analog loop as the standard conditioning option available.
 - 4.4.2 The 4-Wire analog loop provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.
 - 4.4.3 The 2-Wire digital loop supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps.
 - 4.4.4 As no other type of loop constitutes a 251 (c)(3) UNE loop (other than 2-wire and 4-wire xDSL loops provided for elsewhere in this Agreement), AT&T is not obligated under this Section 251/252 Agreement to provide any other type of loop, including, but not limited to DS1, DS3 or higher capacity loops, or dark fiber loops. CLEC shall not request such loops under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T provides a loop(s) that is not described or provided for in this Agreement, AT&T may, at any time, even after the loop(s) has been provided to CLEC, discontinue providing such loop(s) (including any combination(s) including that loop) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to such loop(s) (whether on a stand-alone basis, in

combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

4.5 Routine Network Modifications

4.5.1 AT&T shall make routine network modifications to 251 (c)(3) UNE local loop facilities used by requesting telecommunications carriers where the requested 251 (c)(3) UNE local loop facility has already been constructed. AT&T shall perform routine network modifications to 251 (c)(3) UNE local loop facilities in a nondiscriminatory fashion, without regard to whether the 251 (c)(3) UNE local loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

4.5.2 A routine network modification is an activity that AT&T regularly undertakes for its own retail customers, where there are no additional charges or minimum term commitments. Routine network modifications include those activities that AT&T undertakes to provide service to its own retail customers using 251 (c)(3) UNE local loops for of the same type and capacity requested by the requesting telecommunications carrier under the same conditions and in the same manner that AT&T does for its own retail customers, subject to the limitations of 4.5.3, below. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings.

4.5.3 Routine network modifications do not include constructing new 251 (c)(3) UNE local loops; installing new aerial or buried cable; splicing cable at any location other than an existing splice point or at any location where a splice enclosure is not already present; securing permits, rights-of-way, or building access arrangements; constructing and/or placing new manholes, handholes, poles, ducts or conduits; installing new terminals or terminal enclosures (e.g, controlled environmental vaults, huts, or cabinets); or providing new space or power for requesting carriers; removing or reconfiguring packetized transmission facility. AT&T is not obligated to perform those activities for a requesting telecommunications carrier.

4.5.3.1 AT&T shall determine whether and how to perform routine network modifications using the same network or outside plant engineering principles that would be applied in providing service to AT&T's retail customers.

4.5.3.2 This Agreement does not require AT&T to deploy time division multiplexing-based features, functions and capabilities with any copper or fiber packetized transmission facility to the extent AT&T has not already done so; remove or reconfigure packet switching equipment or equipment used to provision a packetized transmission path; reconfigure a copper or fiber packetized transmission facility to provide time division multiplexing-based features, functions and capabilities; nor does this Agreement prohibit AT&T from upgrading a customer from a TDM-based service to a packet switched or packet transmission service, or removing copper loops or subloops from the network, provided AT&T complies with the copper loop or subloop retirement rules in 47 C.F.R. 51.319(a)(3)(iii).

4.5.4 AT&T shall provide routine network modifications at the rates, terms and conditions set out in this Attachment and in the Pricing Schedule.

4.6 Declassification Procedure

4.6.1 Products provided by AT&T in conjunction with such 251 (c)(3) UNE local Loops (e.g. Cross-Connects) shall also be subject to re-pricing under this Section where such 251 (c)(3) UNE local Loops are Declassified.

4.6.2 The Parties agree that activity by AT&T under this Section 4.6 shall not be subject to the Network Disclosure Rules.

5. 251 (C)(3) UNE SUBLOOP

- 5.1 AT&T will provide 251 (c)(3) UNE sub-loop elements as unbundled network elements as set forth in this Attachment. Other than as specifically set out elsewhere in this agreement.
- 5.2 A 251 (c)(3) UNE subloop is a smaller included segment of AT&T's local loop plant, i.e., a portion of the loop from some technically accessible terminal beyond AT&T's central office and the network demarcation point, including that portion of the loop, if any, which AT&T's owns and controls inside the customer premises.
- 5.3 Definitions pertaining to the 251 (c)(3) UNE Sub-Loop:
- 5.3.1 "Dead Count" refers to those binding posts which have cable spliced to them but which cable is not currently terminated to any terminal to provide service.
- 5.3.2 "Demarcation Point" is defined as the point on the loop where the ILEC's control of the wire ceases and the subscriber's control (or on the case of some multiunit premises, the landlord's control) of the wire begins.
- 5.3.3 "Digital 251 (c)(3) UNE Subloop" May be deployed on non-loaded copper cable pairs, channels of a digital loop carrier system, channels of a fiber optic transport system or other technologies suitable for the purpose of providing 160 Kbps 251 (c)(3) UNE subloop transport.
- 5.3.4 "Distribution Cable" is defined as the cable from the SAI/FDI to the terminals from which an end user can be connected to the ILEC's network.
- 5.3.5 "MTE" for the purpose of Term To NID 251 (c)(3) UNE subloop. "MTE" is a Multi Tenant Environment for buildings with exterior or interior mounted terminals.
- 5.3.6 "Residential Low Rise" for the purpose of Term to NID 251 (c)(3) UNE subloop is a residential building with five stories or less.
- 5.3.7 "Business High Rise" for the purpose of Term to NID 251 (c)(3) UNE subloop is a business building with six stories or more.
- 5.3.8 "Business Low Rise" for the purpose of Term to NID 251 (c)(3) UNE subloop is a business building with five stories or less.
- 5.3.9 "Network Terminating Wire (NTW)" is the service wire that connects the ILEC's distribution cable to the NID at the demarcation point.
- 5.3.10 "SAI/FDI-to-Term" is that portion of the loop from the SAI/FDI to an accessible terminal.
- 5.3.11 "SAI/FDI-to-NID" is that portion of the loop from the SAI/FDI to the Network Interface Device (NID), which is located an end user's premise.
- 5.3.12 "SPOI" is defined as a Single Point of Interconnection. AT&T will construct a SPOI at CLEC expense only to those multiunit premises where AT&T has distribution facilities to the premises and AT&T either owns, controls, or leases the inside wire, if an, at such premises. If AT&T has no facilities which it owns, controls or leases at a multiunit premises through which it serves, or can serve, customers at such premises, it is not obligated to construct a SPOI. AT&T's obligation to build a SPOI for multiunit premises only arises when CLEC indicates that it will place an order for an 251 (c)(3) UNE subloop network element via a SPOI.
- 5.3.13 "SAI/FDI" is defined as the point in the ILEC's network where feeder cable is cross connected to the distribution cable. "SAI" is Serving Area Interface. "FDI" is Feeder Distribution Interface. The terms are interchangeable.
- 5.3.14 "Term-to-NID" is that portion of the loop from an accessible terminal to the NID, which is located at an end user's premise. Term-to-NID includes use of the Network Terminating Wire (NTW).
- 5.4 AT&T will offer the following 251 (c)(3) UNE subloop types:

- 5.4.1 2-Wire Analog 251 (c)(3) UNE Subloop provides a 2-wire (one twisted pair cable or equivalent) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).
- 5.4.2 4-Wire Analog 251 (c)(3) UNE Subloop provides a 4-wire (two twisted pair cables or equivalent, with separate transmit and receive paths) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).
- 5.4.3 251 (c)(3) UNE xDSL Subloop is as defined in the Line Sharing, Line Splitting and xDSL Appendix and will be available to CLEC in the AT&T states in those instances where CLEC has an approved and effective Line Sharing, Line Splitting and xDSL Appendix as a part of this Agreement. In addition to the provisions set forth in the Line Sharing, Line Splitting and xDSL Appendix, the 251 (c)(3) UNE xDSL Subloop is subject to the 251 (c)(3) UNE subloop terms and conditions set forth in this Appendix, the collocation provisions set forth elsewhere in this Agreement and the rates set forth in the Appendix Pricing. If there is any conflict between the provisions set forth in the Line Sharing, Line Splitting and xDSL Appendix as to the 251 (c)(3) UNE xDSL Subloop and the 251 (c)(3) UNE subloop provisions set forth in this Appendix, the 251 (c)(3) UNE subloop provisions set forth in this Appendix shall control.
- 5.4.4 As no other type of Subloop constitutes a 251 (c)(3) UNE subloop, AT&T is not obligated under this Section 251/252 Agreement to provide any other type of subloop. CLEC shall not request such subloops under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T provides a subloop(s) that is not described or provided for in this Agreement, AT&T may, at any time, even after the subloop(s) has been provided to CLEC, discontinue providing such subloop(s) (including any combination(s) including that subloop) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to such subloop(s) (whether on a stand-alone basis, in combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.
- 5.5 251 (c)(3) UNE Subloops are provided "as is" unless CLEC requests loop conditioning on xDSL 251 (c)(3) UNE Subloops for the purpose of offering advanced services. xDSL 251 (c)(3) UNE subloop conditioning will be provided at the rates, terms, and conditions set out in the Appendix Pricing.
- 5.6 A 251 (c)(3) UNE subloop is an existing spare portion of the loop that can be accessed via cross-connects at accessible terminals. An accessible terminal is a point on the loop where technicians can access the copper or fiber within the cable without removing a splice case to reach the copper or fiber within.
- 5.7 Twisted-pair Copper 251 (c)(3) UNE Subloops:
- 5.7.1 Access to terminals for twisted-pair copper 251 (c)(3) UNE subloops is defined to include:
- any technically feasible point near the customer premises accessible by a cross-connect (such as the pole or pedestal, the NID, or the minimum point of entry (MPOE) to the customer premises),
 - the Feeder Distribution Interface (FDI) or Serving Area Interface (SAI), where the "feeder" leading back to the central office and the "distribution" plant branching out to the subscribers meet,
 - the Terminal (underground or aerial).

5.8 CLEC may request access to the following twisted-pair copper 251 (c)(3) UNE subloop segments:

| FROM: | TO: |
|--|--------------------------|
| 1. Serving Area Interface or Feeder Distribution Interface | Terminal |
| 2. Serving Area Interface or Feeder Distribution Interface | Network Interface Device |
| 3. Terminal | Network Interface Device |
| 4. NID | Stand Alone |
| 5. SPOI (Single Point of Interface) | Terminal |
| 6. SPOI (Single Point of Interface) | Network Interface Device |

5.9 Provisioning:

5.9.1 Connecting Facility Arrangement (CFA) assignments must be in-place prior to ordering and assigning specific 251 (c)(3) UNE subloop circuit(s).

5.9.2 Spare 251 (c)(3) UNE subloop(s) will be assigned to CLEC only when an LSR/ASR is processed. LSR/ASRs will be processed on a "first come first serve" basis.

5.10 Maintenance:

5.10.1 The Parties acknowledge that by separating switching, feeder plant and distribution plant, the ability to perform mechanized testing and monitoring of the 251 (c)(3) UNE subloop from the AT&T switch/testing equipment will be lost.

5.10.2 CLEC shall isolate trouble to the AT&T 251 (c)(3) UNE Subloop portion of the CLEC's service before reporting trouble to AT&T.

5.10.3 AT&T shall charge the CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches AT&T on a trouble report and the fault is determined to be in the CLEC's portion of the loop. Such charges may be found in the individual state pricing appendices or tariffs.

5.10.4 Once all 251 (c)(3) UNE subloop access arrangements have been completed and balance of payment due AT&T is received, the CLEC may place a LSR for 251 (c)(3) UNE subloops at this location. Prices at which AT&T agrees to provide CLEC with Unbundled Network Elements (251 (c)(3) UNE) are contained in the Pricing Schedule.

5.10.5 In the event of Catastrophic Damage to the RT, SAI/FDI, Terminal, or NID where CLEC has a SAA, AT&T repair forces will restore service in a non-discriminatory manner which will allow the greatest number of all customers to be restored in the least amount of time. Should the CLEC cabling require replacement, AT&T will provide prompt notification to CLEC for CLEC to provide the replacement cable to be terminated as necessary.

5.11 251 (c)(3) UNE Subloop Access Arrangements:

5.11.1 Prior to ordering 251 (c)(3) UNE subloop facilities, CLEC will establish Collocation using the Collocation process as set forth in the Collocation Appendix, or will establish a 251 (c)(3) UNE Subloop Access Arrangement utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the AT&T 251 (c)(3) UNE subloop network.

5.11.2 The space available for collocating or obtaining various 251 (c)(3) UNE Subloop Access Arrangements will vary depending on the existing plant at a particular location. The CLEC will initiate an SCA by submitting a 251 (c)(3) UNE Sub-loop Access Arrangement Application.

5.11.3 Upon receipt of a complete and correct application, AT&T will provide to CLEC within 30 days a written estimate for the actual construction, labor, materials, and related provisioning costs incurred to fulfill the SCA on a Time and Materials basis. When CLEC submits a request to provide a written estimate for 251 (c)(3) UNE sub-loop(s) access, appropriate rates for the engineering and other associated costs performed will be charged.

- 5.11.4 The assignment of 251 (c)(3) UNE subloop facilities will incorporate reasonable practices used to administer outside plant loop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, this will continue to be the practice in assigning and administering 251 (c)(3) UNE subloop facilities.
- 5.11.5 251 (c)(3) UNE Subloop inquiries do not serve to reserve 251 (c)(3) UNE subloop(s).
- 5.11.6 Several options exist for Collocation or 251 (c)(3) UNE Subloop Access Arrangements at technically feasible points. Sound engineering judgment will be utilized to ensure network security and integrity. Each situation will be analyzed on a case-by-case basis.
- 5.11.7 CLEC will be responsible for obtaining rights of way from owners of property where AT&T has placed the equipment necessary for the SAA prior to submitting the request for SCA.
- 5.11.8 Prior to submitting the 251 (c)(3) UNE Sub-loop Access Arrangement Application for SCA, the CLEC should have the "Collocation" and "Poles, Conduit, and Row" appendices in the Agreement to provide the guidelines for both CLEC and ILEC to successfully implement 251 (c)(3) UNE subloops, should collocation, access to poles/conduits or rights of way be required.
- 5.11.9 Except as set forth below in this Section 5.11.9, construction of the 251 (c)(3) UNE Subloop Access Arrangement shall be completed within 90 days of CLEC submitting to AT&T written approval and payment of not less than 50% of the total estimated construction costs and related provisioning costs after an estimate has been accepted by the carrier and before construction begins, with the balance payable upon completion. AT&T will not begin any construction under the SCA until the CLEC has provided proof that it has obtained necessary rights of way as defined in Section 5.11.7. In the event CLEC disputes the estimate for an SAA in accordance with the dispute resolution procedures set forth in the General Terms and Conditions, Section 10, of this Agreement, AT&T will proceed with construction of the SAA upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the SAA. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.
- 5.11.10 Upon completion of the construction activity, the CLEC will be allowed to test the installation with a AT&T technician. If the CLEC desires test access to the SAA, the CLEC should place its own test point in its cable prior to cable entry into AT&T's interconnection point.
- 5.11.11 A non-binding CLEC forecast shall be required as a part of the request for SAA, identifying the 251 (c)(3) UNE subloops arrangements to each subtending SAI. This will allow AT&T to properly engineer access to each SAI and to ensure AT&T does not provide more available terminations than the CLEC expects to use.
- 5.11.12 In order to maximize the availability of terminations for all CLECs, the CLEC shall provide CFA for their 251 (c)(3) UNE subloop pairs utilizing the same 25-pair binder group. The CLEC would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.
- 5.11.13 Unused CLEC terminations (in normal splicing increments such as 25-pair at a SAI/FDI) which remain unused for a period of one year after the completion of construction shall be subject to removal at CLEC expense.
- 5.11.14 In the event a CLEC elects to discontinue use of an existing SAA, or abandons such arrangement, CLEC shall pay AT&T for removal of their facilities from the SAA.
- 5.12 251 (c)(3) UNE Subloop Access Arrangement (SAA) Access Points:
- 5.12.1 SAI/FDI or Terminal
- 5.12.1.1 CLEC cable to be terminated in an AT&T SAI/FDI, or Terminal, shall consist of 22 or 24-gauge copper twisted pair cable bonded and grounded to the power company Multi

Grounded Neutral (MGN). Cable may be filled if buried or buried to aerial riser cable. CLEC's Aerial cables should be aircore.

- 5.12.1.2 The CLEC may elect to place their cable to within 3 feet of the SAA site and coil up an amount of cable, defined by the engineer in the design phase that AT&T will terminate on available binding posts in the SAI/FDI or Terminal.
 - 5.12.1.3 The CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, and AT&T will stub out a cable from the SAI/FDI or Terminal, which AT&T will splice to the CLEC cable at the meet point.
 - 5.12.1.4 Dead counts will be offered as long as they have not been placed for expansion purposes planned within the 12-month period beginning on the date of the inquiry LSR.
 - 5.12.1.5 Exhausted termination points in a SAI/FDI - When a SAI/FDI's termination points are all terminated to assignable cable pairs, AT&T may choose to increase capacity of the SAI/FDI by the method of it's choice, for which the CLEC will be charged a portion of the expense to be determined with the engineer, for the purpose of allowing the CLEC to terminate it's cable at the SAI/FDI.
 - 5.12.1.6 Exhausted Termination Points in a Terminal- When a terminal's termination points are all terminated to assignable cable pairs, AT&T may choose to increase the capacity of the Terminal or to construct an adjacent termination facility to accommodate the CLEC facilities for which the CLEC will be charged.
- 5.13 Relocation of Existing ILEC/CLEC Facilities involved in a SAA at a RT, SAI/FDI, Terminal or NID:
- 5.13.1 AT&T shall notify CLEC of pending relocation as soon as AT&T receives such notice.
 - 5.13.2 CLEC shall notify AT&T of it's intentions to remain, or not, in the SAA by way of a new 251 (c)(3) UNE Subloop Access Arrangement Application for a new SCA.
 - 5.13.3 AT&T shall then provide the CLEC an estimate to terminate their facilities as part of the relocation of the site including the applicable SAA. This process may require a site visit with the CLEC and AT&T engineer.
 - 5.13.4 CLEC shall notify AT&T of acceptance or rejection of the new SCA within 10 business days of it's receipt of AT&T's estimate.
 - 5.13.5 Upon acceptance of the AT&T estimate, CLEC shall pay at least 50% of the relocation costs at the same time as they notify AT&T of their acceptance of estimate costs.
 - 5.13.6 Should CLEC decide not to continue the SAA, CLEC will notify AT&T as to the date that AT&T may remove CLEC's facilities from that SAA. CLEC will pay AT&T for all costs associated with the removal of the CLEC's SAA.
 - 5.13.7 In the event that CLEC does not respond to AT&T in time to have their facilities relocated, AT&T shall move CLEC facilities and submit a bill for payment to the CLEC for the costs associated with the relocation. Should CLEC elect not pay this bill, then CLEC facilities will be removed from the site upon 30 days notice to the CLEC.
- 5.14 The CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, and AT&T will stub out a cable from the RT, which AT&T will splice to the CLEC cable at the meet point.
- 5.15 Establishment of Intermediary Box for CLEC Access to Term to NID MTE 251 (c)(3) UNE Subloop Segment
- 5.15.1 As an alternative to the establishment of a 251 (c)(3) UNE Subloop Access Arrangement in those instances where CLEC wishes to access/lease AT&T Term to NID 251 (c)(3) UNE subloop segments in order to serve its end-user customers at MTEs in AT&T ("Term to NID MTE 251

(c)(3) UNE Subloop Segments”), CLEC may place, own and manage, for its own use, an intermediary box, which would provide CLEC with access to a Term to NID MTE 251 (c)(3) UNE Subloop Segment cross-connect leased from AT&T within the intermediary box (in order to obtain access to AT&T Term to NID MTE 251 (c)(3) UNE Subloop Segments). In the event CLEC wishes to access AT&T Term to NID MTE 251 (c)(3) UNE Subloop Segments via the establishment of an intermediary box, the following rates, terms and conditions shall apply:

- 5.15.1.1 CLEC would manage the process for placing its own intermediary box, including, without limitation, coordination with the property owner and/or management. CLEC may, at its discretion, choose to retain ownership in whole or to share ownership of the intermediary box with other CLECs. Intermediary box shall be placed no more than two feet from the AT&T terminal.
 - 5.15.1.2 The intermediary box shall contain blocks that meet AT&T’s published industry standards for the placement of services and facilities and should be labeled with CLEC’s ACNA to enable the AT&T technician the ability to run jumper/cross connect from AT&T terminal to the intermediary box.
 - 5.15.1.3 CLEC agrees that the AT&T technician shall run the jumper/cross-connect from AT&T’s serving terminal to CLEC’s intermediary box, in order for CLEC to access AT&T Term to NID MTE 251 (c)(3) UNE Subloop Segments in AT&T. For security and safety, AT&T will incase the cross connect in conduit, a protective covered common path, between the AT&T terminal and the CLEC’s intermediary box.
 - 5.15.1.4 CLEC must have in place Connecting Facility Arrangement (CFA) assignments prior to ordering and assigning specific Term to NID MTE 251 (c)(3) UNE Subloop Segments from AT&T.
 - 5.15.1.5 Following CLEC’s provisioning, placement, and completion of Connecting Facility Arrangement Assignments (“CFA”) data submission to AT&T associated with the intermediary box, CLEC would place orders and schedule activities related to access to the Term to NID MTE 251 (c)(3) UNE Subloop Segment including, without limitation: transferring the end-user customer’s service from AT&T to CLEC, providing AT&T with CFA prior to ordering and the assigning of a specific Term to NID MTE 251 (c)(3) UNE Subloop Segment(s).
 - 5.15.1.6 The ordering procedures for the Term to NID MTE 251 (c)(3) UNE Subloop Segment will be the same as those that apply to 251 (c)(3) UNE subloops today and shall be submitted to AT&T by CLEC via a Local Service Request (“LSR”).
 - 5.15.1.7 AT&T will upon receipt of the LSR from CLEC for a Term to NID MTE 251 (c)(3) UNE Subloop Segment, process the order and place the jumper/cross connect to the CFA provided by the CLEC on the LSR, from the AT&T terminal to the CLEC intermediary box. AT&T must have access to the intermediary box for completion of the order.
- 5.15.2 In connection with the MTE intermediary box for CLEC access to Term to NID MTE 251 (c)(3) UNE Subloop Segments in 12 State only, CLEC may elect to lease from AT&T Term to NID MTE 251 (c)(3) UNE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in the Pricing Schedule for the “Term to NID MTE 251 (c)(3) UNE Subloop Segment” In the event CLEC wishes to lease the Term to NID MTE 251 (c)(3) UNE Subloop Segment from AT&T in lieu of AT&T’s standard Term to NID 251 (c)(3) UNE subloop segment addressed in this Section 5.15.2.2, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE 251 (c)(3) UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE 251 (c)(3) UNE Subloop Segment.

5.15.3 Establishment of Term to NID MTE 251 (c)(3) UNE Subloop Segment When no Intermediary Box is installed

5.15.3.1 In those instances where CLEC elects not to install an intermediary box or to have AT&T install an intermediary box pursuant to the SAA process outlined herein above, the CLEC may still lease from AT&T Term to NID MTE 251 (c)(3) UNE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in the Pricing Schedule for the "Term to NID MTE 251 (c)(3) UNE Subloop Segment". In the event CLEC wishes to lease the Term to NID MTE 251 (c)(3) UNE Subloop Segment from AT&T in lieu of AT&T's standard Term to NID 251 (c)(3) UNE subloop segment addressed in Section 5.15.2.2 above, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE 251 (c)(3) UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE 251 (c)(3) UNE Subloop Segment. In such cases, AT&T will provide CLEC with access to the Term To NID MTE 251 (c)(3) UNE subloop via a cross connect. The AT&T technician will tag appropriately and will leave up to one foot of exposed wire at AT&T 12STATE terminal. The cross connect would then be terminated by the CLEC technician in the CLEC terminal, at a time of CLEC's own choosing. For security and safety, AT&T will incase the cross connect in conduit, a protective covered common path, between the AT&T terminal and the CLEC's terminal.

5.15.3.2 If CLEC elects this option to obtain access to the Term To NID 251 (c)(3) UNE subloop in an MTE Environment, neither the AT&T SAA process nor the intermediary box option would be required. Because the CLEC would have full responsibility for terminating the AT&T cross-connect, AT&T could not require any CFA information from CLEC.

6. ENGINEERING CONTROLLED SPLICE (ECS)

- 6.1 AT&T will make available an Engineering Controlled Splice (ECS), which will be owned by AT&T, for CLECs to gain access to 251 (c)(3) UNE subloops at or near remote terminals.
- 6.2 The ECS shall be made available for 251 (c)(3) UNE Subloop Access Arrangements (SAA) utilizing the Special Construction Arrangement (SCA).
 - 6.2.1 CLEC requesting such a SCA shall pay all of the actual construction, labor, materials and related provisioning costs incurred to fulfill its SCA on a Time and Materials basis, provided that AT&T will construct any 251 (c)(3) UNE Subloop Access Arrangement requested by a telecommunications carrier in a cost-effective and efficient manner. If AT&T elects to incur additional costs for its own operating efficiencies and that are not necessary to satisfy an SCA in a cost-effective and efficient manner, the requesting telecommunications carrier will not be liable for such extra costs.
 - 6.2.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an engineering controlled splice (regardless of whether the requesting carrier actually utilizes all such pairs), even if AT&T places more pairs at the splice.
 - 6.2.3 Although AT&T will construct the engineering controlled splice, the ECS maybe owned by AT&T or the CLEC (depending on the specific arrangement) at the option of AT&T.
 - 6.2.4 If more than one requesting telecommunications carrier obtains space in expanded remote terminals or adjacent structures and obtains an SAA with the new copper interface point at the ECS, the initial telecommunications carrier which incurred the costs of construction of the engineering controlled splice and/or additional copper shall be reimbursed those costs in equal proportion to the space or lines used by the requesting carriers.
 - 6.2.5 AT&T may require a separate SCA for each remote terminal site.

6.2.6 Except as set forth below in this Section 6.2.6, written acceptance and at least 50% of payment for the SCA must be submitted at least 90 days before access to the copper 251 (c)(3) UNE subloop is to be provisioned by AT&T. If an augment of cabling is required between the ECS and the SAI, the interval for completion of the SCA will be determined on an individual case basis. AT&T will not begin any construction of the ECS until the CLEC has provided proof that it has obtained the necessary rights of way. In the event CLEC disputes the estimate for the ECS in accordance with the dispute resolution procedures set forth in this Agreement, AT&T will proceed with construction of the ECS upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the ECS. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

6.3 CLECs will have two (2) options for implementing the ECS: a "Dedicated Facility Option" (DFO) and a "Cross-connected Facility Option" (CFO).

6.3.1 Dedicated Facility Option (DFO)

6.3.1.1 CLEC may request AT&T splice the existing cabling between the ECS and the SAI to the CLEC's SAA facility. This facility will be "dedicated" to the CLEC for subsequent 251 (c)(3) UNE subloop orders.

6.3.1.2 CLEC must designate the quantity of 251 (c)(3) UNE subloops they desire to access via this spliced, dedicated facility, specified by subtending SAI.

6.3.1.3 CLECs will compensate AT&T for each of the dedicated 251 (c)(3) UNE subloop facilities, based on recurring 251 (c)(3) UNE subloop charges, for the quantity of 251 (c)(3) UNE subloops dedicated to the CLEC between the ECS and the SAI.

6.3.2 Cross-connected Facility Option (CFO)

6.3.2.1 CLEC may request AT&T build an ECS cross-connect junction on which to terminate CLEC's SAA facility.

6.3.2.2 The SCA associated with this option will include the charges associated with constructing the cross-connect device, including the termination of AT&T cabling between the ECS and the RT and/or SAI, and the inventorying of that AT&T cabling.

6.3.2.3 CLEC must designate the quantity of 251 (c)(3) UNE subloops they desire to access via this cross-connectable, dedicated facility, specified by subtending SAI.

6.3.2.4 CLECs will compensate AT&T for the charges incurred by AT&T derived from the CLEC's request for the SCA.

6.4 The introduction of an ECS creates the following additional copper 251 (c)(3) UNE Subloop segments:

| | |
|--------|------------|
| FROM: | TO: |
| 1) ECS | SAI or FDI |
| 2) ECS | Terminal |
| 3) ECS | NID |

7. 251 (C)(3) UNE DEDICATED TRANSPORT AND LOOP DARK FIBER

7.1 As no dark fiber dedicated transport or dark fiber loop constitutes 251 (c)(3) UNE dark fiber dedicated transport or dark fiber loop, AT&T is not obligated under this Section 251/252 Agreement to provide any type of dark fiber dedicated transport or dark fiber loop. CLEC shall not request dark fiber dedicated transport or dark fiber loop under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T provides dark fiber dedicated transport or dark fiber loop under this Agreement, AT&T may, at any time, even after the dark fiber dedicated transport or dark fiber loop has been provided to CLEC, discontinue providing such dark fiber dedicated transport or dark fiber loop

(including any combination(s) including dark fiber dedicated transport or dark fiber loop) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to dark fiber dedicated transport or dark fiber loop (whether on a stand-alone basis, in combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

8. LOCAL SWITCHING

8.1 AT&T is not obligated under this Section 251/252 Agreement to provide any type of local circuit or other switching, and CLEC shall not request local circuit or other switching under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T provides local circuit or other switching under this Agreement, AT&T may, at any time, even after the local circuit or other switching has been provided to CLEC, discontinue providing such local circuit or other switching (including any combination(s) including local circuit or other switching) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to local circuit or other switching (whether on a stand-alone basis, in combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

8.1.1 For purposes of this Attachment, local circuit switching (Local Switching) is defined as follows:

8.1.1.1 all line-side and trunk-side facilities as defined in TRO, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, and

8.1.1.2 all vertical features that the switch is capable of providing, including custom calling, custom local area signaling services features, and Centrex, as well as any technically feasible customized routing functions.

9. SHARED TRANSPORT

AT&T is not obligated under this Section 251/252 Agreement to provide any type of shared transport. CLEC shall not request shared transport under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T otherwise provides shared transport under this Agreement, AT&T may, at any time, even after the shared transport has been provided to CLEC, may discontinue providing such shared transport (including any combination(s) including shared transport) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to shared transport (whether on a stand-alone basis, in combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

9.1 Dedicated Transport

9.1.1 As AT&T is not obligated under this Section 251/252 Agreement to provide any type of dedicated transport, and CLEC shall not request dedicated transport under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T provides dedicated transport under this Agreement, AT&T may, at any time, even after the dedicated transport has been provided to CLEC, discontinue providing such dedicated transport (including any

combination(s) including dedicated transport) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to dedicated transport (whether on a stand-alone basis, in combination with 251 (c)(3) UNEs (or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

9.2 Digital Cross-Connect System (DCS)

9.2.1 Dedicated transport is no longer available under this Agreement, however, AT&T offers DCS as NRS (Network Reconfiguration Service) through the Federal Tariff F.C.C. No. 73, Section 18, Network Management Services, and CLEC may request NRS pursuant to the terms and conditions of that tariff.

10. CALL-RELATED DATABASES

10.1 Access to the AT&T 911 or E911 call related databases will be provided as described in the 911 and E911 Appendix. As no local circuit switching constitutes 251 (c)(3) UNE switching, AT&T is not obligated to provide, and CLEC shall not request, call related databases under this Agreement (other than 911 and E911), including LIDB and CNAM-AS, LIDB and CNAM Queries, 800, or Access to AIN. CLEC access to any call related databases (other than 911 and E911) shall be pursuant to another agreement, including, where applicable, effective tariffs.

10.2 For purposes of this Section 10.2 only, references to Call-Related Databases shall not include 911 and E911 databases. As set forth herein, AT&T is not obligated under this Section 251/252 Agreement to provide any type of unbundled access to Call-Related Databases. CLEC shall not request access to Call-Related Databases under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and/or AT&T otherwise provides access to Call-Related Databases under this Agreement, AT&T may refuse to provide and, at any time, even after any such access has been provided to CLEC, discontinue providing access to Call-Related Databases (including any combination(s) that include Call-Related Databases) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T to refuse to provide, including if AT&T provides or continues to provide, access to Call-Related Databases (whether on a stand-alone basis, or in combination with 251 (c)(3) UNEs (or otherwise) or with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

11. CROSS-CONNECTS

11.1 The cross connect is the media between the AT&T distribution frame and an CLEC designated collocated space, 251 (c)(3) UNE Access Method, 251 (c)(3) UNE Subloop Access Method, or other AT&T unbundled network elements leased by CLEC.

11.2 AT&T offers a choice of loop cross connects with each unbundled loop type detailed in Appendix Pricing. AT&T will charge CLEC the appropriate rate as shown on the Pricing Schedule labeled "Loop Cross Connects with Testing" and "Loop Cross Connects without Testing".

11.3 Cross connects to the collocation associated with 251 (c)(3) UNE local loops are available with or without automated testing and monitoring capability.

11.4 AT&T offers the choice of cross connects with 251 (c)(3) UNE subloop elements as detailed in Appendix pricing. AT&T will charge CLEC the appropriate rate as shown on the Pricing Schedule labeled " 251 (c)(3) UNE Subloop Cross Connect".

12. ADDITIONAL REQUIREMENTS APPLICABLE TO UNBUNDLED NETWORK ELEMENTS

This Section 12 sets forth additional requirements for unbundled Network Elements which AT&T agrees to offer to CLEC under this Agreement.

12.1 AT&T will offer 251 (c)(3) UNE local loops with and without automated testing and monitoring services where technically feasible. If a CLEC uses its own testing and monitoring services, AT&T still must treat the test reports as its own for purposes of procedures and time intervals for clearing trouble reports.

12.2 Synchronization

12.2.1 Definition:

Synchronization is the function which keeps all digital equipment in a communications network operating at the same average frequency. With respect to digital transmission, information is coded into discrete pulses. When these pulses are transmitted through a digital communications network, all synchronous Network Elements are traceable to a stable and accurate timing source. Network synchronization is accomplished by timing all synchronous Network Elements in the network to a stratum 1 source so that transmission from these network points have the same average line rate.

12.2.2 Technical Requirements

AT&T will provide synchronization to equipment that is owned by AT&T and is used to provide a network element to CLEC in the same manner that AT&T provides synchronization to itself.

12.3 Co-operative Testing

12.3.1 Upon request, at Time and Materials charges as shown on the Pricing Schedule, AT&T will provide to CLEC cooperative testing to test any network element provided by AT&T and to test the overall functionality of network elements provided by AT&T that are connected to one another or to equipment or facilities provided or leased by CLEC, to the extent AT&T has the ability to perform such tests. The cooperative testing provided for in this paragraph is exclusive of any maintenance service and related testing that AT&T is required to provide for unbundled Network Elements under Attachment 6.

13. PRICING

13.1 Price Schedules

Attached hereto as the Pricing Schedule is a schedule which reflects the prices at which AT&T agrees to furnish unbundled Network Elements to CLEC.

14. UNBUNDLED NETWORK ELEMENTS COMBINATIONS

Notwithstanding anything in this Agreement to the contrary (including but not limited to this Attachment, Appendix Pricing- 251 (c)(3) UNE, and Appendix Pricing- 251 (c)(3) UNE Schedule of Prices):

14.1 Except as modified below, AT&T agrees to make the following list of unbundled network elements (251 (c)(3) UNEs) available to CLEC for the term of this Agreement, on the terms and at the prices provided in this Agreement.

APPENDIX PRICING – 251(C)(3) UNE

1. APPLICATION OF PRICES

- 1.1 CLEC agrees to compensate AT&T for use of 251(c)(3) Unbundled Network Elements (UNEs) at the rates contained in this Agreement.
- 1.2 Unless otherwise stated, AT&T will render a monthly bill for 251(c)(3) UNEs provided hereunder. Remittance in full will be due within thirty (30) days of receipt of invoice. In accordance with section 8.1 of the General Terms and Conditions, interest will apply on overdue amounts.
- 1.3 The attached Pricing Schedule sets forth the prices that AT&T will charge CLEC for 251(c)(3) UNEs and certain other items (e.g. Compensation Rates, Hosting Charges, E911 Charges).
- 1.4 Except for requests that are expressly made subject to the BFR process described in Section 2.22 of 6 (“BFR Elements”), CLEC may order, and AT&T will provide, all Attachment 6 Elements on the basis of the attached Pricing Schedule. The Parties agree that the Pricing Schedule contains a complete list of rate elements and charges associated with 251(c)(3) UNEs and other items, if any, offered by AT&T pursuant to this Attachment. This paragraph does not limit or expand the use of the BFR Process.
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2. RECURRING CHARGES

- 2.1 Recurring Charges, where applicable, are as shown in Pricing Schedule.
- 2.2 Where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used.
- 2.3 Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, AT&T will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4. When the calculation results in a fraction of a mile, AT&T will round up to the next whole before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

- 3.1 Non-recurring charges for 251(c)(3) UNEs are included on Pricing Schedule .
- 3.2 If CLEC provides its own testing for 251(c)(3) UNE's and its testing produces incorrect information which results in AT&T dispatching a repair crew unnecessarily, then CLEC will pay AT&T the cost of the unnecessary trip.
- 3.3 AT&T offers the following order types. When CLEC issues service orders, CLEC will pay the applicable service order charges contained in the Pricing Schedule labeled “Service Order Charges – 251(c)(3) Unbundled Network Element”.
 - 3.3.1 The charges described in this paragraph are separate and distinct from the charges described immediately above. When an existing CLEC UNE customer changes the Presubscribed Interexchange Carrier (PIC), charges shown Pricing Schedule will apply.
- 3.4 Simple and Complex Service Orders
 - 3.4.1 Pricing Schedule – Schedule lists a “Simple” and “Complex” price for each Service Order type. Those prices will be applied in accordance with the definitions of Simple and Complex Service Orders set forth below.

3.4.2 Simple and complex Service Orders: If either AT&T or a CLEC on an electronic flow-through basis can handle an order, the order is simple. All other orders are complex.

4. MAINTENANCE OF SERVICE, TIME AND MATERIALS, AND NON PRODUCTIVE DISPATCH CHARGES

- 4.1 If CLEC requests or approves a AT&T technician to perform special installation, maintenance, or conversion services for 251(c)(3) UNE's excluding services which AT&T is required to provide under Attachment 6, Attachment 8, or otherwise under this Agreement, CLEC will pay Maintenance of Service and/or Time and Material Charges for such services as are reasonably required, including requests for installation or conversion outside of normally scheduled working hours.
- 4.2 If CLEC provides its own testing for 251(c)(3) UNEs and its testing produces incorrect information which results in AT&T dispatching a repair crew unnecessarily, then CLEC will pay AT&T the cost of the unnecessary trip.
- 4.3 Consistent with Attachment 8 Maintenance 251(c)(3) UNE, if CLEC determines that trouble has occurred in AT&T's equipment and/or facilities, CLEC will issue a trouble report to AT&T.
- 4.4 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a network element and AT&T dispatches personnel to the end user's premises or an AT&T central office and trouble was not caused by AT&T's facilities or equipment. Maintenance of Service charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.
- 4.5 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a 251(c)(3) UNE and AT&T dispatches personnel and the trouble is in equipment or communications systems provided by an entity other than AT&T or in detariffed CPE provided by AT&T, unless covered under a separate maintenance agreement.
- 4.6 If CLEC issues a trouble report allowing AT&T access to the end user's premises and AT&T personnel are dispatched but denied access to the premises, then Non Productive Dispatch charges for technicians' time reasonably required will apply. Subsequently, if AT&T personnel are allowed access to the premises, the Non Productive Dispatch charges will still apply.
- 4.7 Time and Materials and/or Maintenance of Service and/or Non Productive Dispatch charges apply on a first and additional basis for each half hour or fraction thereof, except where the Pricing Schedule provides for per dispatch charges. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof": and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is considered to be Monday through Friday 8 a.m. to 5 p.m. which is AT&T's normally scheduled work day. AT&T's normally scheduled work week is Monday through Saturday. Overtime applies when work is out of a normally scheduled work day during a normally scheduled work week (i.e., weekday nights and/or Saturdays). Premium time is time worked outside of AT&T's normally scheduled work week and includes Sundays and Holidays. Any time not consecutive with AT&T's normally scheduled work day may be subject to a minimum charge of two hours if dispatch of an off duty AT&T employee is necessary.
- 4.8 AT&T will bill CLEC Time and Materials, Non Productive Dispatch and/or Maintenance of Service Charges only pursuant to CLEC's authorization, including authorizing a dispatch, consistent with procedures outlined in this Agreement.
- 4.9 AT&T will manage costs of Time and Materials, Non Productive Dispatch and Maintenance of Service Charges activities charged to CLEC in a manner that is consistent with AT&T's internal management of those costs.

4.10 Charges for services contained in this section are listed in Pricing Schedule labeled "Maintenance of Service Charges", "Time and Materials Charges", and "Non Productive Dispatch Charges".

ATTACHMENT 7: ORDERING AND PROVISIONING UNBUNDLED NETWORK ELEMENTS

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide pre-order, ordering and provisioning services to CLEC associated with unbundled Network Elements ("UNEs"), pursuant to the requirements set forth in this Attachment 7: Ordering and Provisioning – Unbundled Network Elements.
- 1.2 Charges for the relevant services provided under this Attachment are included in the Pricing Schedule.
- 1.3 CLEC may order, and AT&T will fill orders, for Unbundled Network Elements as defined in Attachment 6. Multiple individual UNEs may be requested by CLEC from AT&T on a single Local Service Request (LSR) for a specific customer, without the need to have CLEC send an LSR for each UNE.
- 1.4 CLEC may order, and AT&T will fill orders, for specified combinations of Unbundled Network Elements, as defined in Attachment 6. Combinations of Unbundled Network Elements may be requested by a CLEC from AT&T on a single LSR for a specific customer, without the need to have CLEC send an LSR for each UNE. Subject to the other provisions of the Agreement, including without limitation the requirements of FCC Rule 51.318(b), CLEC may request an EEL on an LSR without having to submit separate LSRs and ASRs, so long as the EEL components all have the same characteristics (i.e., the same speed, grade, etc.). In accordance with the Change Management Process, AT&T agrees to provide additional electronic methods for ordering EELs on an LSR without need for a separate ASR as those ordering requirements are developed by the industry standard Ordering and Billing Forum.
- 1.5 For all Unbundled Network Elements and UNE Combinations ordered under this Agreement, AT&T will provide pre-order, ordering and provisioning services equal in quality and speed (speed to be measured from the time AT&T receives the service order from CLEC) to the services AT&T provides to its end users for an equivalent service. When UNEs are ordered in combination, the service must be supported by all the functionalities provided to AT&T's local exchange service customers. This will include but is not limited to, Dispatch scheduling, and Real time Due Date assignment. The ordering and provisioning to support these services will be provided in an efficient manner which meets the performance metrics AT&T achieves when providing the equivalent end user services to an end user.
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- 1.7 CLEC and AT&T will use two types of orders to establish local service capabilities based upon a UNE architecture:
 - 1.7.1 Common Use Unbundled Network Elements are defined as Unbundled Network Elements provided by AT&T that are used by CLEC to provide a Telecommunications Service.
 - 1.7.2 Customer Specific Unbundled Network Elements are Unbundled Network Elements provided by AT&T to CLEC that are used to provide a Telecommunications Service to a single CLEC Customer. Customer Specific Unbundled Network Elements include, but are not limited to, the Local Loop. The customer specific provisioning order, based upon OBF LSR forms, will be used in ordering and provisioning Customer Specific unbundled Network Elements. AT&T agrees that the information exchange will be forms-based using the Local Service Request Form, End User Information Form, Loop Element Form (formerly Loop Service form) developed by the OBF.
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3. ORDERING AND PROVISIONING INTERFACE

- 3.1 Pre-order, Ordering and Provisioning requests for Unbundled Network Elements or UNE Combinations provided by AT&T to CLEC will be transmitted via facsimile to the AT&T Local Service Center (LSC). The LSC will respond to CLEC calls with the same level of service that AT&T provides to their local exchange customers.
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- 3.5 AT&T will provide a Single Point of Contact (SPOC) for all of CLEC's ordering, status inquiries or escalation contacts (via an 800# to the LSC) during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site Monday through Friday (except holidays). AT&T will respond to emergency requests for after hours provisioning via the Customer Maintenance Center (WCMC) 24 hrs/day, 7 days a week.
 - 3.5.1 AT&T will provide ordering and provisioning services to CLEC for unbundled Network Elements Monday through Friday during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site through the LSC or the WCMC, as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that AT&T provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site ordering, and provisioning services. If CLEC requests that AT&T perform such services, AT&T will quote, within one (1) business day of the request, a cost-based rate for the number of hours and materials estimated for such services. If CLEC accepts AT&T's quote, AT&T will perform such services to CLEC in the same manner as it does for itself and will bill CLEC for the actual hours worked and materials used.
- 3.6 AT&T will also provide to CLEC a toll free nationwide telephone number to the IS Call Center for issues connected to the electronic system interfaces (operational during the hours of operation posted in the CLEC Handbook on AT&T's CLEC Online web site (Central Time)), which will be answered by capable staff trained to answer questions and resolve problems in connection with the electronic interface associated with the provisioning of Unbundled Network Elements. Information Service Call Center (ISCC) help desk function for electronic system interfaces for all off shift hours are covered via on-call pager. These hours of operation will continue to be posted to CLEC OnLine website and are subject to change through the CMP.
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- 3.8 AT&T will recognize CLEC as the customer of record for all Unbundled Network Elements ordered by CLEC and will send all notices, invoices and pertinent information directly to CLEC.
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 - 3.9.2 Designed Layout Record Card for designed Unbundled Network Elements
 - 3.9.3 Where AT&T is not the Central Office Code Administrator, to the extent the information is not available to CLEC in the same manner it is available to AT&T, AT&T will provide copies of notices containing such information received by AT&T to CLEC.
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- 3.10 Each Party will train its employees who have contact with the other Party not to discriminate against the other Party and not to disparage the other Party to the other Party's customers.
- 3.11 Each Party will work together via the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.
- 3.12 AT&T and CLEC will work cooperatively in establishing and implementing practices and procedures regarding fraud and service annoyance handling.
- 3.13 AT&T and CLEC will establish mutually acceptable methods and procedures for handling all misdirected calls from CLEC customers requesting pre-order, ordering or provisioning services. All misdirected calls to AT&T from CLEC customers will be given a recording (or a live statement) directing them to call their local provider. To the extent AT&T procedures change such that CLEC customers become identifiable, such customers will be directed to call CLEC at a designated 800 number. CLEC on a reciprocal basis will refer all misdirected calls that CLEC receives from AT&T customers to a AT&T designated number. CLEC and AT&T will agree on the scripts to be used for this purpose.

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5. ORDERING REQUIREMENTS

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- 5.6 AT&T will provide CLEC with standard provisioning intervals for all unbundled Network Elements and combinations as compared to AT&T customers for equivalent service. These intervals are found in Attachment 17.
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- 5.8 On a conversion as specified order, AT&T will not require CLEC to provide data that AT&T has not made available to CLEC, or that CLEC does not have reasonable access to otherwise.

6. PROVISIONING REQUIREMENTS

- 6.1 Except in the event an CLEC local service customer changes their local service provider to another LSP or AT&T, AT&T may not initiate any CLEC end user requested disconnection or rearrangement of Unbundled Network Elements or Combinations unless directed by CLEC. Any CLEC customer who contacts AT&T regarding a change in CLEC service will be advised to contact CLEC. Any AT&T customer who contacts CLEC regarding a change in AT&T service will be advised to contact AT&T. In those instances when any CLEC local service customer changes their local service provider to another LSP or AT&T, CLEC will be notified via the ordering GUI and application-to-application interfaces and AT&T's CLEC Online website, as applicable.
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- 6.5 Where available, AT&T will perform pre-testing and will provide in writing (hard copy) or electronically, as directed by CLEC, all test and turn up results in support of Unbundled Network Elements or UNE Combinations ordered by CLEC.
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- 6.8 Any written "leave behind" materials that AT&T technicians provide to CLEC local customers will be branded materials that do not identify the work being performed as being AT&T's. These materials will include, without limitation, CLEC branded forms for the customer and CLEC branded "not at home" cards. "CLEC branded" materials, to be utilized by AT&T installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to AT&T by and at the sole expense of CLEC. AT&T will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that AT&T, including individual AT&T technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by AT&T or the technician.
- 6.9 AT&T technicians will refer CLEC local customers to CLEC, if a CLEC local customer requests a change to service at the time of installation. When an AT&T employee visits the premises of an CLEC local customer, the AT&T employee must inform the customer that he or she is there acting on behalf of CLEC.
- 6.10 AT&T will provide telephone and/or facsimile notification of any charges associated with required construction for a given service, and obtain CLEC's approval prior to commencing construction under an CLEC order for such service.
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- 6.12 When CLEC orders UNE or UNE Combinations that are currently interconnected and functional, such UNE and UNE Combinations will remain interconnected and functional without any disconnection and without loss of feature capability and without loss of associated Ancillary Functions, as appropriate under applicable law. This will be known as Contiguous Interconnection of Unbundled Network Elements. There will be no charge for such interconnection, other than the recurring and nonrecurring charges applicable to the elements included in the combination, and the electronic service order charge as specified in Attachment 6, Section 14.2.
 - 6.12.1 "Contiguous Network Interconnection of Network Elements" includes, without limitation, the situation when CLEC orders all the AT&T Unbundled Network Elements required to convert a AT&T end-user customer or an CLEC resale customer to CLEC Unbundled Network Elements service (a) without any change in features or functionality that was being provided by AT&T (or by CLEC on a resale basis) at the time of the order. There will be no interruption of service to the end-user customer in connection with orders covered by this section, except for processing time that is technically necessary to execute the appropriate recent change order in the AT&T local switch. AT&T will treat recent change orders necessary to provision CLEC orders under this section at parity with recent change orders executed to serve AT&T end-user customers, in terms of scheduling necessary service interruptions so as to minimize inconvenience to end-user customers.
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8. PERFORMANCE REQUIREMENTS

- 8.1 When CLEC places an LSR, CLEC will specify a requested Due Date (DD), and AT&T will specify a DD based on the applicable intervals. In the event CLEC's desired Due Date is less than the standard interval, the service order will be assigned a DD using the applicable interval. If expedited service is requested, CLEC will populate Expedite and Expedite Reason on the request. AT&T will contact the CLEC and the Parties will negotiate an expedited DD. This situation will be considered an expedited order and applicable service order charges will apply as reflected in the Pricing Schedule labeled "Service Order Charges - Unbundled Element Expedited". AT&T will not complete the order prior to the DD or later than the DD unless authorized by CLEC. CLEC and AT&T will use the escalation process documented in the CLEC Handbook and contacts reflected in the Escalation website for resolving questions and disputes relating to ordering and provisioning procedures or to the process of individual orders, subject ultimately to the dispute resolution provisioning of this agreement. AT&T will notify CLEC of any modifications to these contacts one (1) week in advance of such modifications.
- 8.2 When CLEC places an LSR to change the desired Due Date (DDD) from a previous version of the LSR that a FOC has already been received on, and AT&T will specify a due date (DD) based on the applicable intervals. If the desired Due Date is less than the standard interval, the expedite performance requirements will apply in addition. If expedited service is not requested, this situation will be considered a Due date change and applicable service order charges will apply as reflected in the Pricing Schedule labeled "Service Order Charges – Unbundled Element Due Date Change".
- 8.3 When CLEC places an LSR to cancel the request from a previous version of the LSR that a FOC has already been received on, and AT&T will process the cancel based on the request. This situation will be considered a cancel and applicable service order charges will apply as reflected in the Pricing Schedule labeled "Service Order Charges – Unbundled Element Cancel".
- 8.4 When CLEC or patron/end-user is not ready for service by or on the Due Date (DD), and AT&T will return a jeopardy notification to the CLEC. This situation will be considered a Customer Not Ready and applicable service order charges will apply as reflected in the Pricing Schedule labeled "Service Order Charges – Unbundled Element Customer Not Ready".
- 8.5 AT&T will provide Performance Measurements as outlined in Attachment 17 under this Agreement.

9. INTERVALS FOR ORDER COMPLETION FOR UNE AND OTHER ITEMS

- 9.1 AT&T will provide Performance Measurements as outlined in Attachment 17 under this Agreement.

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CLEC may request that a billing item be investigated on the AT&T provided bill. The CLEC is required to follow the existing billing dispute guidelines by submitting the billing dispute form available in the CLEC Handbook and supplying applicable information to the AT&T Local Service Center (LSC). The AT&T LSC will perform investigation on each disputed item. Credits will be applied to the CLEC bill for disputed billing items that the AT&T LSC finds to be unsustainable, no credits will be applied to the CLEC bill on sustainable billing items. Once all dispute items included in a billing dispute claim are investigated, the claim will be closed and the CLEC notified of completion.

**PRE-ORDER AND ORDERING
AND PROVISIONING - UNE**

| Function | Loop | INP | Loop w/ LNP | DSR |
|---|----------------------|----------------|----------------------|-----------------|
| PRE-ORDER | | | | |
| Address Verification | X | X | X | X |
| Service/Feature Availability | X | X | X | X |
| Telephone Number Assignment | X | X | X | X |
| Dispatch Schedule | X | X | X | X |
| Due Date | X | X | X | X |
| Customer Service Record | X | X | X | X |
| ORDERING & PROVISIONING | | | | |
| Conversion as Specified | X ^{1,6,7,8} | X ² | X ^{1,6,7,8} | X |
| Add/Disc Lines | X | X ³ | X ³ | X ¹¹ |
| Partial Migration (Line/WTN vs. Account Level) | X | X | X | X ¹¹ |
| Line Conditioning | X | | X | |
| With / Without Diversity | X | | X | |
| With / Without Clear Channel Capability | X ¹⁰ | | X ¹⁰ | |
| New Connects | X | X ³ | X ³ | X |
| Single Line | X | | X ³ | |
| Multi-Line (Less Than 30 Lines) | X | | X ³ | |
| Projects (Large Job - add'l facilities/coordinated work effort required - need AT&T criteria) | X | | X ³ | |
| Disconnects | X | X | X | X |
| Change Orders | X | X | X | X |
| Simple Number Change | | X | X | |
| Add/Disc Lines | X | X ³ | X ³ | X ¹¹ |
| Suspend/Restore Non-Payment | | | | |
| Suspend/Restore Vacation Svc. | | | | |
| Line Conditioning | X | | X | |

| Function | Loop | INP | Loop w/ LNP | DSR |
|--|-----------------|-----|-----------------|-----|
| With / Without Diversity | X | | X | |
| With / Without Clear Channel Capability | X ¹⁰ | | X ¹⁰ | |
| Records Only Order | X | X | X | X |
| T&F Order | | | | |
| Outside Move | X | | X | |
| Inside Move | X | | X | |
| POST SERVICE ORDER EDI TRANSACTIONS | | | | |
| Supplemental Orders | X | X | X | X |
| Firm Order Confirmation (FOC) | X | X | X | X |
| Jeopardies | X | X | X | X |
| Rejects | X | X | X | X |
| Order Completion | X | X | X | X |

Footnotes:

1. Existing AT&T customer, existing CLEC TSR customer, existing CLEC TSR customer, existing CLEC UNE loop customer.
2. Existing AT&T number or existing CLEC INP number.
3. "Numbers" should be substituted for "lines"
4. Existing CLEC Unbundled Loop customer
5. Intentionally Left Blank
6. Intentionally Left Blank
7. Intentionally Left Blank
8. Intentionally Left Blank
9. Existing CLEC leased facility
10. Only applies to DS-1 loops
11. Intentionally Left Blank

ATTACHMENT 8: MAINTENANCE - UNBUNDLED NETWORK ELEMENTS

1. GENERAL REQUIREMENTS

- 1.1 AT&T will provide repair, maintenance, testing, and surveillance for all Unbundled Network Elements and any UNE Combinations as described in Attachment 6 of the Agreement in accordance with the terms and conditions of this Attachment.

2. MAINTENANCE REQUIREMENTS

- 2.1 AT&T will provide maintenance for all Unbundled Network Elements and UNE Combinations ordered under this Agreement at levels equal to the maintenance provided by AT&T in serving its end user customers, consistent with Attachment 6 UNE, Section 2.8, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management. The maintenance to support these services will be provided in a manner which meets the performance metrics provided for in Attachment 17.

3. INTENTIONALLY LEFT BLANK

4. REPAIR SERVICE RESPONSE

- 4.1 AT&T technicians will provide repair service on Unbundled Network Elements and UNE Combinations that is at least equal in quality to that provided to AT&T customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of AT&T customers. CLEC and AT&T agree to use the severity and priority restoration guidelines set forth in AT&T's Commission approved Performance Measurement Plans. Performance Measurements are found in Attachment 17.

5. INTERCOMPANY COMMUNICATIONS

- 5.1 The AT&T Network Management Service Center ("NMSC") will notify CLEC of the existence, location, and source of all emergency network outages affecting a CLEC customer. The CLEC may call the AT&T NMSC in order to discuss scheduled activities that may impact CLEC Customers. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

6. EMERGENCY RESTORATION

- 6.1 AT&T NMSC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when the CLEC reports trouble to the Wholesale Customer Maintenance Center (WCMC), the WCMC will notify the affected CLEC;
 - 6.1.1 establishment of the AT&T WCMC as the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services restoration process;
 - 6.1.2 methods and procedures for reprovisioning of all Resale services after initial restoration. AT&T agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with AT&T TSP services for restoration. AT&T will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services.

7. MISDIRECTED REPAIR CALLS

- 7.1 All misdirected repair calls to AT&T from CLEC customers prior to permanent number portability will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by AT&T will refer CLEC customers (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All calls to 611 in AT&T's territory will continue to receive a standardized vacant code announcement (i.e., a recording specifying the number dialed is not valid) for all customers. CLEC on a reciprocal basis will refer all misdirected repair calls that CLEC receives for AT&T customers to a AT&T designated number. For purposes of permanent number portability the Parties agree to work together to determine whether and to what extent a mutually agreeable method for handling misdirected repair calls may be implemented.

8. REPAIR PROCEDURES

- 8.1 AT&T agrees to the following:
- 8.2 Intentionally Left Blank
- 8.3 AT&T will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the WCMC) twenty-four (24) hours per day, seven (7) days per week.
- 8.4 On a reciprocal basis, CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the CNSC) twenty four (24) hours per day, seven (7) days per week.
- 8.5 Intentionally Left Blank
- 8.6 While in manual mode operation, AT&T will provide CLEC "estimated time to restore." The AT&T WCMC will notify the CLEC CNSC of each missed repair commitment through a status call. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, an additional status call will provide the CNSC the current status (e.g., trouble was dispatched at 8:00 a.m.). The original trouble commitment will not be changed due to possible loss of priority for that customer. All missed appointments (e.g., vendor meets) will be handled in the same way. This jeopardy status information (on missed commitments/appointments), while in a manual mode, will be provided by AT&T for a maximum of four months after CLEC's market entry date in AT&T states, or until this capability is available through EBI, or until CLEC elects to utilize the Toolbar program to obtain this status. The status of all other tickets will be given to the CLEC CNSC through the use of Toolbar or EBTA and will include all "closed tickets" from the previous day (including No Access and closed troubles).
- 8.7 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC NMC within one (1) hour.
- 8.8 Intentionally Left Blank
- 8.9 Intentionally Left Blank
- 8.10 For purposes of this Section, service through a Unbundled Network Element or UNE Combination is considered restored or a trouble resolved when the quality of Unbundled Network Element or UNE Combination service is equal to that provided before the outage or the trouble occurred.

9. ESCALATION PROCEDURES

- 9.1 AT&T will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of AT&T management personnel who are responsible for maintenance issues. CLEC acknowledges that the

procedures set forth in AT&T's LOC POTS Escalation/Expedite Maintenance Procedures dated May 6, 1996, and LOC escalation contact list meet the requirements of this Section.

10. PREMISES VISIT PROCEDURES

- 10.1 AT&T Maintenance of Service Charges, when applicable, will be billed by AT&T to CLEC, and not to CLEC's end-user customers.
- 10.2 Dispatching of AT&T technicians to CLEC Customer premises shall be accomplished by AT&T pursuant to a request received from CLEC.
- 10.3 When an AT&T employee visits the premises of an CLEC local customer, the AT&T employee must inform the customer that he or she is there acting on behalf of CLEC. Materials left at the customer premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that AT&T was on their premises acting on behalf of CLEC. "CLEC branded" materials, to be utilized by AT&T installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to AT&T by and at the sole expense of CLEC. AT&T will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that AT&T, including individual AT&T technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by AT&T or the technician.
- 10.4 If a trouble cannot be cleared without access to CLEC's local customer's premises and the customer is not at home, the AT&T technician will leave at the customer's premises a CLEC-branded "no access" card requesting the customer to call CLEC for rescheduling of repair.

11. TESTING

- 11.1 All Unbundled Network Elements and/or UNE Combination troubles determined not to be end-user customer related or in CLEC's provided network facilities will be reported by CLEC to AT&T. Upon receipt of a trouble report on Unbundled Network Element(s), AT&T will test and sectionalize all such UNEs purchased from (or provided by) AT&T. If AT&T determines that a trouble is isolated or sectionalized in network facilities provided by CLEC, then AT&T will refer the trouble ticket back to the CLEC Work Center (CNSC) for handling.
- 11.2 AT&T and CLEC agree to develop a mutually acceptable Work Center Operational Understanding document to establish methods and procedures to define the exchange of information between AT&T and CLEC under which they will work together.

12. PRICING

- 12.1 Charges for the relevant services provided under this Attachment are included in the Pricing Schedule.

ATTACHMENT 9: BILLING - OTHER

1. INTRODUCTION

- 1.1 This Section describes the requirements for the Parties to bill all charges the Parties incurred other than those addressed in Attachment 4: Connectivity Billing - Resale.
- 1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing-UNE to Attachment 6.

2. BILLING INFORMATION AND CHARGES FOR UNE

- 2.1 AT&T will bill in accordance with this Agreement those charges CLEC incurs as a result of CLEC purchasing from AT&T Unbundled Elements as set forth in Attachment 6. Each bill will be formatted in accordance with CABS or as applicable in accordance with EDI for Resale services. Each billing account number will be sufficient to enable CLEC to identify the Unbundled Element ordered by CLEC to which charges apply. Each bill will include a Customer Service Record (CSR) and will set forth the quantity and description of each Unbundled Element provided to CLEC.
- 2.2 AT&T will provide CLEC a monthly bill that includes all charges incurred by and credits and/or adjustments due to CLEC for those Unbundled Elements, ordered, established, utilized, discontinued or performed pursuant to this Agreement. Each bill provided by AT&T to CLEC will include: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date, (2) any known unbilled non-usage sensitive charges for prior periods, (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date, (4) any known unbilled usage sensitive charges for prior periods, and (5) any known unbilled adjustments and (6) any Customer Service Record (CSR) for all recurring flat-rated charges.
- 2.3 The Bill Date, as defined herein, must be present on each bill transmitted by AT&T to CLEC. Bills will not be rendered for any charges which are incurred under this Agreement on or before one (1) year preceding the Bill Date. In addition, on each bill where "Jurisdiction" is identified, local and local toll charges will be identified as "Local" and not as interstate, interstate/interLATA, intrastate, or intrastate/intraLATA.
- 2.4 Each Party will provide the other Party at no additional charge a contact person for the handling of any billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Attachment.
- 2.5 AT&T will assign to CLEC billing account numbers (as necessary).

3. ISSUANCE OF UNE BILLS

- 3.1 AT&T will issue all bills in accordance with the terms and conditions set forth in this Section. AT&T will establish monthly billing dates (Bill Date) for each billing account number, as further defined in the CABS documents and BOS BDT document (e.g. AIN), which Bill Date will be the same day month to month. Remittance in full of all bills rendered by AT&T is due on or before the next bill date (the "Bill Due Date"). Each billing account number will remain constant from month to month, unless changed as agreed to by the Parties. AT&T will provide CLEC at least thirty (30) calendar days written notice prior to changing, adding or deleting a billing account number. AT&T will provide one invoice associated with each billing account number. All bills must be received by CLEC no later than ten (10) calendar days from Bill Date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment), whichever is earlier. Any bill received on a Saturday, Sunday or a day designated as a holiday set forth on AT&T's CLEC Online web site will be deemed received the next business day. If either Party fails to receive billing data and information within the time period specified above, the payment due date will be extended by the number of days the bill is late.

- 3.2 AT&T will issue all bills containing billing data and information in accordance with most recent industry standard CABS Version. To the extent that there are no CABS standards governing the formatting of certain data, such data will be issued in the format agreed by the Parties by thirty (30) days after the Effective Date of the Agreement.
- 3.3 To avoid transmission failures or the receipt of billing information that cannot be processed, the Parties will provide each other with their respective process specifications and edit requirements. CLEC will provide AT&T reasonable (within 24 hours) notice if a billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to CLEC, at AT&T's sole expense, in a form that meets the specifications. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment.

4. ELECTRONIC TRANSMISSIONS

- 4.1 AT&T will transmit billing information and data in the appropriate CABS format or EDI format electronically via Connect:Direct (formerly known as Network Data Mover) to CLEC at the location specified by CLEC. The Parties agree that a T1.5 or 56kb circuit to Gateway for Connect:Direct is required. CLEC data centers will be responsible for originating the calls for data transmission via switched 56kb or T1.5 lines. If AT&T has an established Connect:Direct link with CLEC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link for data transmission must be established. Any changes to either Party's Connect:Direct Node ID must be sent to the other Party no later than twenty-one (21) calendar days before the changes take effect.

5. TAPE OR PAPER TRANSMISSIONS

- 5.1 In the event either Party does not have Connect:Direct capabilities upon the effective date of this Agreement, such Party agrees to establish Connect:Direct transmission capabilities with the other Party within the time period mutually agreed and at the establishing Party's expense. Until such time, the Parties will transmit billing information to each other via as agreed to by CLEC and AT&T. Billing information and data contained on magnetic tapes or paper for payment will be sent to the Parties at the locations designated by each Party. The Parties acknowledge that all tapes transmitted to the other Party via US Mail or Overnight Delivery and which contain billing data will not be returned to the sending Party.

6. TESTING REQUIREMENTS

- 6.1 Where required by the Commission, at least 90 days prior to changing transmission mediums (e.g., from paper to mechanized), AT&T will send bill data in the appropriate mechanized format (i.e. CABS or EDI) for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment. The Parties will mutually agree to develop a testing process to ensure the accurate transmission of the bill. AT&T agrees that it will not send bill data in the new mechanized such bill data has met the agreed testing specifications as developed.
- 6.2 AT&T will send bill data in the appropriate mechanized format (i.e. CABS or EDI) for testing to ensure that bills can be processed and that bills comply with the requirements of this Attachment. After receipt of the test data CLEC will notify AT&T if the billing transmission meets mutually agreed-upon testing specifications. If the transmission fails to meet the agreed testing specifications, AT&T will make the necessary corrections. If required by the Commission, at least three (3) sets of testing data must meet the mutually agreed testing specifications prior to AT&T sending a mechanized production bill for the first time via electronic transmission. Thereafter, AT&T may begin sending CLEC mechanized production bills on the next Bill Date, or within ten (10) days, whichever is later.

7. ADDITIONAL REQUIREMENTS

- 7.1 If AT&T transmits data in a mechanized format, AT&T will comply with the following specifications which are not contained in CABS or BOS BDT guidelines but which are necessary for CLEC to process billing information and data:
- (a) The billing account number will not contain embedded spaces or low values.
 - (b) The Bill Date will not contain spaces or non-numeric values.
 - (c) Each bill must contain at least one detail record.
 - (d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

8. BILL ACCURACY CERTIFICATION

- 8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire billing process, AT&T will be responsible and accountable for transmitting to CLEC an accurate and current bill. If required by the Commission, for the purposes of this Agreement, CLEC and AT&T will develop the processes and methodologies required for Unbundled Network Elements bill certification not later than eleven (11) months after the Effective Date of the Agreement, unless otherwise mutually agreed.

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12. MUTUAL COMPENSATION

- 12.1 The Parties will bill each other reciprocal compensation in accordance with the standards set forth in this Agreement at Attachment 12: Compensation.
- 12.2 Billing for mutual compensation will be provided in accordance with mutually agreed to CABS-like data content via current industry processes for mutual compensation.

13. PRICING

- 13.1 Charges for the relevant services provided under this Attachment are included in the Pricing Schedule

ATTACHMENT 11: NETWORK INTERCONNECTION ARCHITECTURE

This Attachment 11: Network Interconnection Architecture to the Agreement describes the technical arrangement by which CLEC and AT&T will interconnect their networks in the event that CLEC is choosing to operate as a Facility-Based Provider in a given AT&T Local Exchange Area. The arrangements described herein do not apply to the provision and utilization of Lawful UNEs which are addressed in Attachment 6: Lawful Unbundled Network Elements.

1. DEFINITIONS

- 1.1 "Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for IXC-carried traffic.
- 1.2 "End Office" or "End Office Switch" is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. A PBX is not considered an End Office Switch.
- 1.3 "Facility-Based Provider" is defined as a telecommunications carrier that has deployed its own switch and transport facilities.
- 1.5 "IntraLATA Toll Traffic" is defined as traffic between one AT&T local calling area and another AT&T or LEC local calling area within one LATA within the respective state
- 1.6 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll Traffic as defined above.
- 1.7 "ISP-Bound Traffic" is as defined in Attachment 12: Intercarrier Compensation
- 1.8 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch or Access Tandem Switch serving a particular LCA (defined below).
- 1.9 "Local/Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic and IXC-carried traffic.
- 1.10 A "Local Calling Area" or "LCA" is an AT&T local calling area, as defined in AT&T's General Exchange Tariff. LCA is synonymous with "Local Exchange Area" (LEA).
- 1.11 "Local Interconnection Trunk Groups" are two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic between CLEC end users and AT&T end users.
- 1.12 "Local/IntraLATA Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic.
- 1.13 "Local Only Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.
- 1.14 "Offers Service" – At such time as CLEC opens an NPA/NXX, ports a number to serve an end user, or pools a block of numbers to serve end users.
- 1.15 "Remote End Office Switch" is an AT&T switch that directly terminates traffic to and receives traffic from end users of local Exchange Services, but does not have full feature, function and capability of an AT&T End Office Switch. Such features, function, and capabilities are provided to the AT&T Remote End Office Switch from an umbilical and to the AT&T Host End Office.
- 1.16 Section 251(b)(5) Traffic is as defined in Attachment 12: Intercarrier Compensation.

- 1.17 "Section 251(b)(5)/IntraLATA Toll Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Toll Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and intraLATA toll provider, and/or (iv) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and intraLATA toll provider.
- 1.18 "Meet Point Trunk Group" is a trunk group which carries traffic between the CLEC's End Users and IXCs via AT&T Access or Local/Access Tandem Switches.

2. REQUIREMENTS FOR ESTABLISHING POINTS OF INTERCONNECTION.

Section 2.1 through Section 2.4 are the Parties' requirements for establishing a Point of Interconnection (POI) for the Exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

- 2.1 The Parties will interconnect their network facilities at a minimum of one CLEC designated Point of Interconnection (POI) within the LATA where CLEC Offers Service.
- 2.1.1 A "Single POI" is a single point of interconnection within a LATA on AT&T's network that is established to interconnect AT&T's network and CLEC's network for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic.
- 2.1.2 An "End Office POI" is a point of interconnection at an end office and is used when an AT&T's End Office Switch does not subtend an AT&T Local Tandem.
- 2.1.3 An End Office POI will only be used to originate traffic from and/or terminate traffic to the End Office where the End Office POI is located.
- 2.1.4 The Parties agree that CLEC has the right to choose a single POI, End Office POI(s), or multiple POIs.
- 2.1.5 When CLEC has established a single POI (or multiple POIs) in a LATA, CLEC agrees to establish an additional POI:
- (i) at an AT&T tandem separate from the existing POI arrangement, or
 - (ii) at an End Office not served by an AT&T Local Tandem,
 - (iii) when traffic through the existing POI arrangement to that tandem and its subtending end offices, or to the End Office not served by an AT&T Local Tandem, exceeds twenty-four (24) DS1s at peak over three (3) consecutive months.
- 2.1.6 The additional POI(s) will be established within 90 days of notification that the threshold has been met.
- 2.2 POIs shall be established at any technically feasible point inside the geographical areas in which AT&T is the franchised Incumbent LEC and within AT&T's network.
- 2.3 The POI(s) will be identified by street address and Vertical and Horizontal (V & H) Coordinates.
- 2.4 Each party will be responsible for providing the necessary equipment and facilities on their side of the POI.

3. TRUNKING REQUIREMENTS PER LCA – AT&T SOUTHWEST REGION 5-STATE

- 3.1 At such time as CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic in an LCA, CLEC shall establish the necessary Local Interconnection Trunk Groups (in accordance with Appendix ITR) to:

- 3.1.1 Each AT&T **SOUTHWEST REGION 5-STATE** Local Tandem in the LCA where CLEC Offers Service when there are AT&T **SOUTHWEST REGION 5-STATE** Local Tandem(s) in the LCA where CLEC Offers Service.
 - 3.1.2 Each AT&T **SOUTHWEST REGION 5-STATE** End Office in the LCA where CLEC Offers Service when there is no AT&T Local Tandem in the LCA where CLEC Offers Service. DEOT group(s) shall be provisioned as two-way trunks and used as two-way trunks.
 - 3.1.3 All Local/IntraLATA and Local/Access Tandem Switches in the Local Exchange Area.
 - 3.2 When CLEC Offers Service in an LCA that has at least one AT&T **SOUTHWEST REGION 5-STATE** Local Tandem, and the Section 251(b)(5)/IntraLATA Toll Traffic between CLEC and an AT&T **SOUTHWEST REGION 5-STATE** End Office which subtends an AT&T Local Tandem in the LCA exceeds 24 DS0s at peak over a period of three consecutive months , CLEC shall establish a Direct End Office Trunk Group (Local Interconnection Trunk Group that terminates to a AT&T **SOUTHWEST REGION 5-STATE** End Office also known as a "DEOT" group) to that AT&T **SOUTHWEST REGION 5-STATE** End Office. AT&T **SOUTHWEST REGION 5-STATE** will not charge CLEC for the transport facility(ies) associated with the DEOT from the CLEC designated POI to the AT&T **SOUTHWEST REGION 5-STATE** End Office(s) where the CLEC DEOT was established.
 - 3.3 When the LCA in which CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic is served only by an AT&T **SOUTHWEST REGION 5-STATE** Remote End Office Switch, CLEC shall DEOT to the appropriate AT&T **SOUTHWEST REGION 5-STATE** Host End Office Switch.
 - 3.4 DEOT group(s) shall be provisioned as two-way trunks and used as two-way trunks.
4. **PROVISION OF INFORMATION**
 - 4.1 In order to establish or designate any POI and associated trunks and transport facilities under this Agreement, CLEC shall provide all applicable network information on forms acceptable to AT&T (as set forth in AT&T's CLEC Handbook, published on the CLEC Online website.)
5. **ASR CONTROL FOR TWO-WAY TRUNK GROUPS**
 - 5.1 CLEC shall have administrative and order control (e.g., determination of trunk group size) of all two-way trunk groups provisioned between CLEC and AT&T.
 - 5.2 This only applies to the extent that it does not require AT&T to redesign its network configuration.
 - 5.3 AT&T reserves the right to issue an ASR on CLEC's behalf in the event CLEC is non-responsive to a TGSR for underutilized trunk groups as outlined in Appendix ITR. At no other time shall AT&T be allowed to issue ASRs on CLEC's behalf.
6. **ANCILLARY SERVICES**
 - 6.1 Where CLEC requires ancillary services (e.g., Directory Assistance, Operator Services, E911), additional POIs may be required for interconnection to such ancillary services.
 - 6.2 CLEC is solely responsible for the facilities that carry OS/DA, E911, mass calling and Meet-Point Trunk Groups. The trunking requirements for these are specified in Appendix ITR.
7. **SIGNALING**
 - 7.1 Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the AT&T's network.
 - 7.2 Multifrequency (MF) signaling will be utilized in cases where AT&T switching platforms do not support SS7.

8. **INTERCONNECTION METHODS**

8.1 Where CLEC seeks to interconnect with AT&T for the purpose of mutually exchanging Section 251(b)(5)/IntraLATA Toll Traffic between networks, CLEC may use any of the following methods of obtaining interconnection detailed in Appendix Network Interconnection Methods (NIM) attached hereto and incorporated herein. Such methods include but are not limited to:

8.1.1 Physical Collocation

8.1.2 Virtual Collocation

8.1.3 SONET Based (AT&T SOUTHWEST REGION 5-STATE ONLY)

8.1.4 Fiber Meet Point

8.1.5 Leasing of facilities from a third party

8.1.6 CLEC self-buildout

8.1.7 Any other mutually agreeable methods of obtaining interconnection.

9. In addition, the Parties agree to the interconnection and trunking requirements listed in Appendix Interconnection Trunking Requirements (ITR), which is attached hereto and made a part hereof.

APPENDIX INTERCONNECTION TRUNKING REQUIREMENTS (ITR)

1. INTRODUCTION

- 1.1 The Interconnection of CLEC and AT&T networks shall be designed to promote network efficiency.
- 1.2 This Appendix Interconnection Trunking Requirements (ITR) to Attachment 11: Network Interconnection Architecture provides descriptions of the trunking requirements for CLEC to interconnect any CLEC provided switching facility with AT&T facilities.
- 1.3 If either Party changes the methods by which it trunks and routes traffic within its network, it will afford the other Party the opportunity to trunk and route its traffic in the same manner for purposes of interconnection. The Parties agree to offer and provide to each other B8ZS Extended Superframe and/or 64 Kbps clear channel where it is currently deployed at the time of the request.
- 1.4 AT&T will allow CLEC to use the same physical facilities to provision two-way Local Interconnection Trunk Groups, where technically feasible. CLEC shall have administrative and order control (e.g., determination of trunk group size) of this combined two way trunk group to the extent that it does not require AT&T to redesign its network configuration.
- 1.5 Switched Access Traffic
 - 1.5.1 For purposes of this Agreement only, Switched Access Traffic shall mean all traffic that originates from an end user physically located in one local exchange and delivered for termination to an end user physically located in a different local exchange (excluding traffic from exchanges sharing a common mandatory local calling area as defined in AT&T's local exchange tariffs on file with the applicable state commission) including, without limitation, any traffic that (i) terminates over a Party's circuit switch, including traffic from a service that originates over a circuit switch and uses Internet Protocol (IP) transport technology (regardless of whether only one provider uses IP transport or multiple providers are involved in providing IP transport) and/or (ii) originates from the end user's premises in IP format and is transmitted to the switch of a provider of voice communication applications or services when such switch utilizes IP technology and terminates over a Party's circuit switch. Notwithstanding anything to the contrary in this Agreement, all Switched Access Traffic shall be delivered to the terminating Party over feature group access trunks per the terminating Party's access tariff(s) and shall be subject to applicable intrastate and interstate switched access charges; provided, however, the following categories of Switched Access Traffic are not subject to the above stated requirement relating to routing over feature group access trunks:
 - (i) IntraLATA toll Traffic or Optional EAS Traffic from a CLEC end user that obtains local dial tone from CLEC where CLEC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider,
 - (ii) IntraLATA toll Traffic or Optional EAS Traffic from an AT&T end user that obtains local dial tone from AT&T where AT&T is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;
 - (iii) Switched Access Traffic delivered to AT&T from an Interexchange Carrier (IXC) where the terminating number is ported to another CLEC and the IXC fails to perform the Local Number Portability (LNP) query; and/or
 - (iv) Switched Access Traffic delivered to either Party from a third party competitive local exchange carrier over interconnection trunk groups carrying Section 251(b)(5) Traffic and ISP-Bound Traffic (hereinafter referred to as "Local Interconnection Trunk Groups") destined to the other Party.

Notwithstanding anything to the contrary in this Agreement, each Party reserves its rights, remedies, and arguments relating to the application of switched access charges for traffic exchanged by the Parties prior to the Effective Date of this Agreement and described in the FCC's Order issued in the Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services Exempt from Access Charges, WC Docket No. 01-361 (Released April 21, 2004).

1.5.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Switched Access Traffic as described in Section 1.5.1 (iv) above to either Party over Local Interconnection Trunk Groups, such Party may deliver such Switched Access Traffic to the terminating Party over Local Interconnection Trunk Groups. If it is determined that such traffic has been delivered over Local Interconnection Trunk Groups, the terminating Party may object to the delivery of such traffic by providing written notice to the delivering Party pursuant to the notice provisions set forth in the General Terms and Conditions and request removal of such traffic. The Parties will work cooperatively to identify the traffic with the goal of removing such traffic from the Local Interconnection Trunk Groups. If the delivering Party has not removed or is unable to remove such Switched Access Traffic as described in Section 1.1(iv) above from the Local Interconnection Trunk Groups within sixty (60) days of receipt of notice from the other party, the Parties agree to jointly file a complaint or any other appropriate action with the applicable Commission to seek any necessary permission to remove the traffic from such interconnection trunks up to and including the right to block such traffic and to obtain compensation, if appropriate, from the third party competitive local exchange carrier delivering such traffic to the extent it is not blocked.

2. TRUNK GROUP CONFIGURATIONS:

2.1 Section 251(b)(5)/IntraLATA Toll Traffic and Meet Point Traffic: Trunking to an AT&T Local Only, Local/IntraLATA, or Local/Access Tandem Switch, for the delivery of Section 251(b)(5)/IntraLATA Toll Traffic, shall afford CLEC access to the NXXs served by the subtending End Offices of that tandem.

AT&T MIDWEST REGION 5-STATE

2.2 When CLEC Offers Service in a Local Exchange Area or LATA, the following trunk groups shall be used to transport traffic between CLEC End Users and AT&T End Users.

2.2.1 Section 251(b)(5) and ISP Bound Traffic shall be routed on Local Only Trunk Groups established at all **AT&T MIDWEST REGION 5-STATE** Local Only Tandems in the LATA for calls destined to or from all **AT&T MIDWEST REGION 5-STATE** End Office that subtend the designated Tandem. These trunks shall be two-way and will utilize SS7 signaling.

2.2.2 In **AT&T MIDWEST REGION 5-STATE**, Section 251(b)(5)/IntraLATA Toll Traffic shall be routed on two-way Local Interconnection Trunk Groups using SS7 signaling. These trunk groups shall be established at all Local/IntraLATA and Local/Access Tandem switches for calls destined to or from End Offices that subtend each Tandem.

2.2.3 A Local Interconnection Trunk Group shall be established from CLEC's switch to each **AT&T MIDWEST REGION 5-STATE** End Office in any LATA where the **AT&T MIDWEST REGION 5-STATE** End Office does not subtend an **AT&T MIDWEST REGION 5-STATE** Local Tandem. This trunk group shall be established as a direct final.

AT&T SOUTHWEST REGION 5-STATE

2.1.1 CLEC Originating (CLEC to **AT&T SOUTHWEST REGION 5-STATE**):

For CLEC Originating traffic (CLEC to **AT&T SOUTHWEST REGION 5-STATE**, IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA Toll provider may be combined with Section 251(b)(5) Traffic and ISP-Bound Traffic on the same trunk group when CLEC routes traffic to an **AT&T SOUTHWEST REGION 5-STATE** Local/IntraLATA Tandem Switch, Local/Access Tandem Switch or directly to a **AT&T SOUTHWEST REGION 5-STATE** End Office. When mutually agreed upon traffic data exchange methods are implemented as specified in Section 5.0 of this Appendix, direct trunk group(s) to **AT&T SOUTHWEST REGION 5-STATE** End Offices will be provisioned as two-way and used as two-way. When **AT&T SOUTHWEST REGION 5-STATE** Access Tandem Switches that serve a Local Exchange Area are separate from Local Only Tandem Switches in a Local Exchange Area, a separate trunk group used to carry Section 251(b)(5) Traffic and ISP-Bound Traffic will be provided to each Local Only Tandem Switch and a separate IntraLATA Toll Trunk Group used to carry IntraLATA Toll traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA Toll provider will be provided to an Access Tandem Switch. When there are multiple **AT&T SOUTHWEST REGION 5-STATE** Local/IntraLATA Tandem Switches and/or Local/Access Tandem Switches in a Local Exchange Area, separate trunk groups will be established to each Local/IntraLATA Tandem Switch and each Local/Access Tandem Switch. Such trunk groups shall carry Section 251(b)(5)/IntraLATA Toll Traffic. Trunk groups to the Access or Local Tandem Switches will be provisioned as two-way and used as two way. Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the **AT&T SOUTHWEST REGION 5-STATE** network. Multifrequency (MF) signaling will be utilized in cases where **AT&T SOUTHWEST REGION 5-STATE** switching platforms do not support SS7.

Trunking to an **AT&T SOUTHWEST REGION 5-STATE** Local Tandem Switch will provide CLEC access to the **AT&T SOUTHWEST REGION 5-STATE** End Offices which subtend that tandem. Trunking to a **AT&T SOUTHWEST REGION 5-STATE** End Office(s) will provide CLEC access only to the NXXs served by that individual End Office(s).

2.1.2 CLEC Terminating (**AT&T SOUTHWEST REGION 5-STATE** to CLEC):

For CLEC Terminating traffic (**AT&T SOUTHWEST REGION 5-STATE** to CLEC), where **AT&T SOUTHWEST REGION 5-STATE** has a Local/IntraLATA or Local/Access Tandem Switch, **AT&T SOUTHWEST REGION 5-STATE** will combine Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Traffic originating from an end user obtaining local dialtone from **AT&T SOUTHWEST REGION 5-STATE** where **AT&T SOUTHWEST REGION 5-STATE** is both the Section 251(b)(5) Traffic and IntraLATA Toll provider over a single two-way trunk group provided by CLEC. When **AT&T SOUTHWEST REGION 5-STATE** has Access Tandem Switches that serve a Local Exchange Area separate from Local Only Tandem-Switches in a Local Exchange Area, **AT&T SOUTHWEST REGION 5-STATE** shall deliver Section 251(b)(5) Traffic and ISP-Bound traffic from the Local Only Tandem Switch to CLEC over the two-way trunk group provided by CLEC to the Local Only Tandem Switch. **AT&T SOUTHWEST REGION 5-STATE** shall deliver IntraLATA Toll traffic originating from an end user obtaining local dialtone from **AT&T SOUTHWEST REGION 5-STATE** where **AT&T SOUTHWEST REGION 5-STATE** is both the Section 251(b)(5) Traffic and IntraLATA Toll provider from the Access Tandem Switch to CLEC over the IntraLata Toll Trunk Group provided by CLEC to the Access Tandem Switch. As noted in Section 2.1.1 above, direct trunk group(s) between CLEC and **AT&T SOUTHWEST REGION 5-STATE** End Offices will be provisioned as two-way and used as two-way. Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the **AT&T SOUTHWEST REGION 5-STATE** network. Multifrequency (MF) signaling will be utilized in cases where **AT&T SOUTHWEST REGION 5-STATE** switching platforms do not support SS7.

2.3 Meet Point Traffic:

Meet Point Traffic will be transported between the AT&T Access Tandem Switch and CLEC over a “meet point” trunk group separate from Local Interconnection Trunk Groups. This trunk group will be established for the transmission and routing of Exchange Access traffic and IntraLATA Toll traffic routed via an IXC between CLEC’s end users and interexchange carriers via an AT&T Access Tandem Switch. When AT&T has more than one Access Tandem Switch or Local/Access Tandem Switch within a Local Exchange Area, CLEC shall establish a single “meet point” trunk group to every AT&T Access Tandem Switch or Local/Access Tandem Switch within the Local Exchange Area in which CLEC homes its NPA/NXXs. If the exchange crosses over two states, CLEC will interconnect with one Access Tandem Switch in each state. This trunk group will be set up as two-way and will utilize SS7 protocol signaling. Traffic destined to and from multiple interexchange carriers (IXCs) can be combined on this trunk group.

2.4 Direct End Office Trunking:

The Parties shall establish a two-way Direct End Office Trunk Group (DEOT) when actual or forecasted End Office traffic requires twenty-four (24) or more trunks or when no Local Only, Local/IntraLATA or Local/Access Tandem Switch is present in the Local Exchange Area.

Trunking to an AT&T End Office shall afford CLEC access only to the NXXs served by that individual End Office.

2.5 E911 Emergency Traffic:

A segregated trunk group will be required to each appropriate E911 tandem within a Local Exchange Area in which CLEC offers Exchange Service. This trunk group will be set up as a one-way outgoing only and will utilize SS7 protocol signaling unless SS7 protocol signaling is not yet available, then CAMA/ANI MF signaling will be utilized.

2.6 Mass Calling (Public Response Choke Network):

A segregated trunk group will be required to the designated Public Response Choke Network tandem in each serving area in which CLEC provides service pursuant to this Agreement. This trunk group will be one-way outgoing only and will utilize MF signaling. It is anticipated that this group will be sized as follows, subject to adjustments from time to time as circumstances require:

| | |
|----------------------------|----------------|
| 0-10,000 access Lines (AC) | 2 trunks (min) |
| 10,001 to 20,000 AC | 3 trunks |
| 20,001 to 30,000 AC | 4 trunks |
| 30,001 to 40,000 AC | 5 trunks |
| > 40,001-50,000 AC | 6 trunks |
| 50,001-60,000 | 7 trunks |
| 60,001-75,000 | 8 trunks |
| 75,000+ | 9 (max) |

At the time that CLEC establishes a Public Response Choke Network NXX and tandem, AT&T will establish reciprocal mass calling trunks to CLEC subject to the requirements set forth in this Section.

2.7 Operator Services/Directory Assistance Trunk Group(s)

2.7.1 Inward Assistance

If AT&T agrees through a separate appendix, tariff, or contract to provide Inward Assistance Operator Services for CLEC, CLEC will initiate an ASR for a one-way trunk group from its designated operator services switch to the AT&T Operator Services Tandem utilizing MF signaling. The Inward Assistance trunk group is used by the CLEC Operator Service Provider to gain access to AT&T’s operators for the purposes of Busy Line Verification (BLV) and/or busy line interrupt (BLV/I). The CLEC is responsible for billing this call to its end user. If CLEC is utilizing AT&T OS, this trunk group is not required.

AT&T at it's option may also initiate an ASR for a one-way MF signaling trunk groups from its Operator Services Tandem to the CLECs designated operator services switch for the purpose of busy line verification and or busy line interrupt of the lines served by the CLEC.

3. TRUNK DESIGN BLOCKING CRITERIA

Trunk forecasting and servicing for the local and intraLATA toll trunk groups will be based on the industry standard objective of 2% overall time consistent average busy season busy hour loads 1% from the End Office to the Tandem and 1% from tandem to End Office based on Neal Wilkinson B.01M [Medium Day-to-Day Variation] until traffic data is available. Listed below are the trunk group types and their objectives:

| <u>Trunk Group Type</u> | <u>Blocking Objective (Neal Wilkinson B.01M)</u> |
|--------------------------------|--|
| Local Tandem | 1% |
| Local Direct | 2% |
| IntraLATA Interexchange Direct | 1 % |
| IntraLATA Interexchange Tandem | 1% |
| 911 | 1 % |
| Operator Services (DA/DACC) | 1 % |
| Operator Services (0+, 0-) | 1% |
| InterLATA Tandem | 0.5% |

4. FORECASTING/SERVICING RESPONSIBILITIES

4.1 AT&T and CLEC will be jointly responsible for servicing all two-way trunk groups between the two networks. CLEC shall be solely responsible for forecasting and ordering all new two-way trunk groups and subsequent augments between the two networks. CLEC will be responsible for forecasting and servicing the one-way trunk groups to AT&T including mass calling, operator services, directory assistance and E911 trunks. Standard trunk traffic engineering methods will be used as described in Bell Communications Research, Inc. (Bellcore) document SR-TAP-000191, Trunk Traffic Engineering Concepts and Applications or as otherwise mutually agreed to by the Parties.

4.2 CLEC agrees to provide an initial forecast for all trunk groups described in this Attachment. AT&T shall review this trunk forecast and provide any additional information that may impact the trunk forecast information provided by CLEC. Subsequent trunk forecasts shall be provided on a semi-annual basis, not later than January 1st and July 1st of each year in order to be considered in the semi-annual publication of the AT&T General Trunk Forecast. Parties agree to the use of Common Language Location Identification (CLLI) coding and Common Language Circuit Identification for Message trunk Coding (CLCI-MSG) which is described in TELCORDIA TECHNOLOGIES documents BR795-100-100 and BR795-400-100 respectively. Inquiries pertaining to use of TELCORDIA TECHNOLOGIES Common Language Standards and document availability should be directed to TELCORDIA TECHNOLOGIES at 1-800-521-2673.

4.2.1 The semi-annual forecasts shall include:

4.2.1.1 Yearly forecasted trunk quantities for all trunk groups required in this Attachment for a minimum of three (3) (current plus two (2) future) years; and

4.2.1.2 A description of major network projects anticipated for the next six (6) months. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, orders greater than eight (8) DS1s, or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

- 4.2.1.3 The Parties shall agree on these forecasts to ensure efficient trunk utilization. For forecast quantities that are in dispute, the Parties shall make all reasonable efforts to develop a mutually agreeable forecast.
- 4.2.1.4 Orders for trunks that exceed the forecasted quantities for forecasted locations will be accommodated as mutually agreed to by the Parties. The Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate these orders.

5. **SERVICING OBJECTIVE/DATA EXCHANGE**

- 5.1 Each Party agrees to service trunk groups to the blocking criteria listed in Section 3.0 above. Each party will attempt to service trunk groups in a timely manner when they have sufficient data to determine that the service objectives in Section 3.0 are not being met.
- 5.2 Each Party will make trunk group blockage information available to the other party by mechanized procedures. The existing exchange of data for Access Trunk Groups will be extended to provide data on all joint trunk groups.

6. **TRUNK UNDERUTILIZATION**

- 6.1 Underutilization of Local Interconnection Trunk Groups or Meet Point Trunk Groups exists when provisioned capacity is greater than the current need. The parties agree that this over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner:
 - 6.1.1 If a trunk group is under 75 percent (75%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the trunk group, which shall be left with not less than 25 percent (25%) excess capacity. In all cases grade of service objectives shall be maintained.
 - 6.1.2 AT&T may send a Trunk Group Service Request (TGSR) to CLEC to trigger changes to the Local Interconnection Trunk Groups or Meet Point Trunk Groups based on the capacity assessment. Upon receipt of a TGSR, CLEC will issue an Access Service Request (ASR) to AT&T within ten (10) business days after receipt of the TGSR subject to section 6.1.3 below.
 - 6.1.3 Upon review of the TGSR, if CLEC does not agree with the resizing, the Parties will schedule a joint planning discussion within twenty (20) business days. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.
 - 6.1.4 If AT&T does not receive an ASR, or if CLEC does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, AT&T will attempt to contact the CLEC to schedule a joint planning discussion. If the CLEC will not agree to meet within an additional ten (10) business days and present adequate reason for keeping trunks operational, AT&T will issue an ASR to resize the Local Interconnection Trunk Groups or Meet Point Trunk Groups.

APPENDIX NETWORK INTERCONNECTION METHODS (NIM)

This Appendix NIM to Attachment 11: Network Interconnection Architecture designates Network Interconnection Methods (NIMs) to be used by the Parties to obtain interconnection. These include, but are not limited to: Fiber Meet Point; Virtual Collocation; SONET Based (**AT&T SOUTHWEST REGION 5-STATE ONLY**); Physical Collocation, leasing of facilities from a third party; CLEC self-buildout; or other mutually agreeable methods of obtaining interconnection.

1. FIBER MEET POINT

- 1.1 Fiber Meet Point between AT&T and CLEC can occur at any mutually agreeable, economically and technically feasible point between CLEC's premises and an AT&T tandem or end office. This meet will be on a point-to-point linear chain SONET system over single mode fiber optic cable.

Fiber Meet Point shall be used to provide transport for Local Interconnection Trunk Groups as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture (NIA).

- 1.1.2 Fiber Meet Point: CLEC will provide fiber cable to the last entrance manhole at the AT&T tandem switch building or end office switch building with which CLEC wishes to interconnect. CLEC will provide a sufficient length of fiber optic cable for AT&T to pull the fiber cable to the AT&T cable vault for termination. In this case the POI shall be at the manhole location.
 - 1.1.2.1 Except when CLEC selects a Distant POI and Single POI, each Party is responsible for designing, provisioning, ownership and maintenance of all equipment and facilities on its side of the POI. Each Party is free to select the manufacturer of its Fiber Optic Terminal (FOT). Neither Party will be allowed to access the Data Communication Channel (DCC) of the other Party's FOT.
- 1.2 The Parties will mutually agree upon the precise terms of each Fiber Meet Point facility. These terms will cover the technical details of the Fiber Meet Point as well as other network interconnection, provisioning and maintenance issues.
- 1.3 The AT&T tandem or end office switch includes all AT&T FOT, multiplexing and fiber required to take the optical signal hand-off provided from CLEC for Local Interconnection Trunk Groups as outlined in Appendix ITR. This location is AT&T 's responsibility to provision and maintain.
- 1.4 CLEC and AT&T will mutually agree on the capacity of the FOT(s) to be utilized. The capacity will be based on equivalent DS1s that contain Local Interconnection Trunk Groups. Each Party will also agree upon the optical frequency and wavelength necessary to implement the interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over-provisioning facilities, and the necessary processes to implement facilities as indicated below. These methods will meet quality standards as mutually agreed to by CLEC and AT&T.

2. AVOIDANCE OF OVER-PROVISIONING

- 2.1 Underutilization is the inefficient deployment and use of the network due to forecasting a need for more capacity than actual usage requires and results in unnecessary costs for SONET systems. To avoid over-provisioning, the Parties will agree to joint facility growth planning as detailed below.

3. JOINT FACILITY GROWTH PLANNING

- 3.1 The initial fiber optic system deployed for each interconnection shall be the smallest standard available. For SONET this is an OC-3 system. The following lists the criteria and processes needed to satisfy additional capacity requirements beyond the initial system.

3.2 Criteria:

3.2.1 Investment is to be minimized;

3.2.2 Facilities are to be deployed in a "just in time" fashion.

3.3 Processes:

3.3.1 Discussions to provide relief to existing facilities will be triggered when either Party recognizes that the overall system facility (DS1s) is at 85% capacity.

3.3.2 Both Parties will perform a joint validation to ensure current trunks have not been over-provisioned. If any trunk groups are over-provisioned, trunks will be turned down as appropriate. If any trunk resizing lowers the fill level of the system below 85%, the growth planning process will be suspended and will not be reinitiated until a 85% fill level is achieved. Trunk design blocking criteria described in Appendix ITR will be used in determining trunk group sizing requirements and forecasts.

3.3.3 If based on the forecasted equivalent DS1 growth, the existing fiber optic system is not projected to exhaust within one year, the Parties will suspend further relief planning on this interconnection until a date one year prior to the projected exhaust date. If growth patterns change during the suspension period, either Party may re-initiate the joint planning process;

3.3.4 If the placement of a minimum size FOT will not provide adequate augmentation capacity for the joint forecast over a two year period, and the forecast appears reasonable based upon history, the appropriately sized system shall be deployed at the outset. If the forecast indicates volume sufficient to justify a system larger than OC-3, AT&T shall provide such a system. If the forecast does not justify installing a system larger than OC-3, another minimally size system (such as on OC-3) should be placed. This criteria assumes both Parties have adequate fibers for either scenario. If adequate fibers do not exist, both Parties would negotiate placement of additional fibers.

3.3.5 Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities in an effort to achieve "just in time" deployment;

3.3.6 The joint planning process/negotiations should be completed within two months of identification of 90% fill.

4. **VIRTUAL COLLOCATION**

4.1 The terms and conditions governing Virtual Collocation are contained in Appendix Collocation to Attachment 13: Ancillary Functions of this Agreement

5. **SONET-BASED**

5.1 The description for obtaining interconnection by SONET-Based methods is contained in AT&T 's SONET-Based Interconnection tariffs in **AT&T SOUTHWEST REGION 5-STATE only**.

6. **PHYSICAL COLLOCATION**

6.1 The terms and conditions governing Physical Collocation are contained in Appendix Collocation to Attachment 13: Ancillary Functions of this Agreement.

7. **LEASING OF FACILITIES FROM A THIRD PARTY OR CLEC SELF-BUILDOUT**

7.1 CLEC's leasing of facilities from a Third Party Carrier or self-buildout for purposes of Attachment 11: Network Interconnection Architecture shall be up to the discretion of CLEC.

ATTACHMENT 12: INTERCARRIER COMPENSATION

1. INTRODUCTION

AT&T agrees to comply with all generic Missouri Public Service Commission reciprocal compensation decisions regarding internet service traffic subject to the final outcome of appeals of those decisions. Both parties, however, reserve all rights to contest any order or decision requiring the payment of reciprocal compensation for internet service traffic, including the right to seek refunds or to implement a new system of reciprocal compensation, pursuant to regulatory or judicial approval. Nothing in this Attachment shall constitute an admission by AT&T that ISP-Bound Traffic (as defined in Section 1.2) is in fact Section 251(b)(5) Traffic (as defined below) subject to reciprocal compensation under the 1996 Federal Telecommunications Act.

- 1.1 For purposes of compensation under this Agreement, the telecommunications traffic traded between CLEC and AT&T will be classified as either Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional Calling Area Traffic (**AT&T SOUTHWEST REGION 5-STATE only**), IntraLATA Interexchange Traffic, Meet Point Billing, FX Traffic (Virtual, Dedicated and FX-type), or Cellular Traffic. . The Parties agree that, notwithstanding the classification of traffic under this Agreement, either Party is free to define its own "local" calling area(s) for purposes of its provision of telecommunications services to its end users. The provisions of this Attachment apply to calls originated over the originating carrier's facilities or over local switching purchased by CLEC from AT&T on a wholesale basis. The provisions of this Attachment do not apply to traffic originated over services provided under local Resale service.
- 1.2 Calls originated by CLEC's end users and terminated to AT&T 's end users (or vice versa) will be classified as Section 251(b)(5) Traffic" under this Agreement subject to reciprocal compensation if the call: (i) originates and terminates to such end-users in the same AT&T exchange area; or (ii) originates and terminates to such end-users within different AT&T Exchanges that share a common mandatory local calling area, as defined in AT&T's tariff, e.g., Wide Area Calling Plan (WACP) or other like types of mandatory expanded local calling scopes. Calls originated by AT&T's end users and terminated to an ISP served by a CLEC (or vice versa) will be classified as compensable "ISP-Bound Traffic" in accordance with the FCC's 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, 99-68 (rel. April 27, 2001) (FCC ISP Compensation Order") if the call (i) originates from end users and terminates to an ISP in the same AT&T exchange area; or (ii) originates from end users and terminates to an ISP within different AT&T Exchanges that share common mandatory local calling area, as defined in AT&T's tariff, e.g., Wide Area Calling Plan (WACP) or other like types of mandatory expanded local calling scopes.
- 1.3 CLECs are not precluded from establishing their own local calling areas or prices for purpose of retail telephone service offerings.

- 1.3.1 The transport and termination compensation for Virtual FX, Dedicated FX, and FX-type Traffic will be "Bill and Keep."

Foreign Exchange (FX) services are retail service offerings purchased by FX customers which allow such FX customers to obtain exchange service from a mandatory local calling area other than the mandatory local calling area where the FX customer is physically located. FX service enables particular end-user customers to avoid what might otherwise be toll calls between the FX customer's physical location and customers in the foreign exchange. There are two types of FX service:

- 1.3.1.1 "Dedicated FX Traffic" shall mean those calls routed by means of a physical, dedicated circuit delivering dial tone or otherwise serving an end user's station from a serving Central Office (also known as End Office) located outside of that station's mandatory

local calling area. Dedicated FX Service permits the end user physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in that "foreign" exchange.

- 1.3.1.2 "Virtual Foreign Exchange (FX) Traffic" and "FX-type Traffic" shall refer to those calls delivered to telephone numbers that are rated as local to the other telephone numbers in a given mandatory local calling area, but where the recipient end user's station assigned that telephone number is physically located outside of that mandatory local calling area. Virtual FX Service also permits an end user physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in the "foreign" exchange. Virtual FX Service differs from Dedicated FX Service, however, in that Virtual FX end users continue to draw dial tone or are otherwise served from a Central (or End) Office which may provide service across more than one Commission-prescribed mandatory local calling area, whereas Dedicated FX Service end users draw dial tone or are otherwise served from a Central (or End) Office located outside their mandatory calling area.
- 1.3.2 "FX Telephone Numbers" (also known as "NPA-NXX" codes) shall be those telephone numbers with different rating and routing points relative to a given mandatory local calling area. FX Telephone Numbers that deliver second dial tone and the ability for the calling party to enter access codes and an additional recipient telephone number remain classified as Feature Group A (FGA) calls, and are subject to the originating and terminating carrier's tariffed Switched Exchange Access rates (also known as "Meet Point Billed" compensation).
- 1.3.3 The Terminating Carrier shall be responsible for not billing any minutes of use on its network that are "Virtual FX Traffic," "FX-type Traffic," or "Dedicated FX Service" as defined herein. To the extent minutes of use are nevertheless billed and paid by the originating carrier, but later found to be Virtual FX, Dedicated FX, or FX-type Traffic that should have been subject to Bill and Keep, the terminating carrier will be responsible for reimbursing the originating carrier the amount of compensation paid, plus interest at the interest rate defined in the originating carrier's Switched Access Tariff.
- 1.3.4 To the extent that ISP-Bound Traffic is provisioned via Virtual FX Traffic, Dedicated FX Traffic, or other FX-type arrangement, it is subject to the compensation mechanism of Bill and Keep.
- 1.4 The rates, terms and conditions for compensation for Section 251(b)(5) Traffic are contained below in Section 3.0 and the FCC's interim ISP terminating compensation rate plan for ISP Bound Traffic is contained below in Section 1.5.
- 1.5 Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic
 - 1.5.1 The rates, terms, and conditions for Section 251(b)(5) Traffic are contained in Section 3.0 of this Attachment, and the rates, terms and conditions for ISP-Bound Traffic in Sections 1.5.2 through 1.5.5 are based on the FCC ISP Compensation Order.
 - 1.5.2 Intercarrier Compensation Rate for ISP-Bound Traffic:
 - 1.5.2.1 The rates, terms, conditions in this Section 1.5 apply only to the termination of ISP-Bound Traffic and ISP-Bound Traffic is subject to the growth caps, new local market restrictions and rebuttable presumption stated below. Notwithstanding anything contrary in this Attachment, the growth caps, the new market restrictions and the rebuttable presumption apply to CLEC.

- 1.5.2.2 The Parties agree to compensate each other for ISP-Bound Traffic on a minute of use basis at \$.0007 per minute of use.
- 1.5.2.3 Payment of Reciprocal Compensation on ISP-Bound Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. Where the terminating party utilizes a hierarchical or two-tier switching network, the Parties agree that the payment of these rates in no way modifies, alters, or otherwise affects any requirements to establish Direct End Office Trunking, or otherwise avoids the applicable provisions of the Interconnection Agreement and industry standards for interconnection, trunking, Calling Party Number (CPN) signaling, call transport, and switch usage recordation.
- 1.5.3 ISP-Bound Traffic Minutes Growth Cap
- 1.5.3.1 On a calendar year basis, as set forth below, CLEC and AT&T agree to cap overall compensable ISP-Bound Traffic minutes of use in the future based upon the 1st Quarter 2001 ISP-Bound Traffic minutes for which CLEC was entitled to compensation under its Interconnection Agreement(s) in existence for the 1st Quarter of 2001, on the following schedule.
- | | |
|-----------------------------------|---|
| Calendar Year 2001 | 1st Quarter 2001 compensable ISP-Bound minutes, times 4, times 1.10 |
| Calendar Year 2002 | Year 2001 compensable ISP-Bound minutes, times 1.10 |
| Calendar Year 2003 | Year 2002 compensable ISP-Bound minutes |
| Calendar Year 2004 | Year 2002 compensable ISP-Bound minutes |
| Calendar Year 2005 and thereafter | Year 2002 compensable ISP-Bound minutes |
- Notwithstanding anything contrary herein, in Calendar Year 2004, CLEC and AT&T agree that ISP-Bound Traffic exchanged between CLEC and AT&T during the entire period from January 1, 2004 until December 31, 2004 shall be counted towards determining whether CLEC has exceeded the growth caps for Calendar Year 2004.
- 1.5.3.2 ISP-Bound Traffic minutes that exceed the applied growth cap will be Bill and Keep. "Bill and Keep" refers to an arrangement in which neither of two interconnecting Parties charges the other for terminating traffic that originates on the other network.
- 1.5.4 Bill and Keep for ISP-Bound Traffic in New Markets
- 1.5.4.1 In the event CLEC and AT&T have not previously exchanged ISP-Bound Traffic in any one or more Missouri LATAs prior to April 18, 2001, Bill and Keep will be the reciprocal compensation arrangement for all ISP-Bound Traffic between CLEC and AT&T for the remaining term of this Agreement in any such LATAs.
- 1.5.4.2 In the event CLEC and AT&T have previously exchanged traffic in an above-referenced LATA prior to April 18, 2001, the Parties agree that they shall only compensate each other for completing ISP-Bound Traffic exchanged in that LATA, and that any ISP-Bound Traffic in other Missouri LATAs shall be Bill and Keep for the remaining term of this Agreement.
- 1.5.4.3 Wherever Bill and Keep is the traffic termination arrangement between CLEC and AT&T, both Parties shall segregate the Bill and Keep traffic from other compensable local traffic either (a) by excluding the Bill and Keep minutes of use from other compensable minutes of use in the monthly billing invoices, or (b) by any other means mutually agreed upon by the Parties.

1.5.4.4 The Growth Cap and New Market Bill and Keep arrangement applies only to ISP-Bound Traffic, and does not include Section 251(b)(5) Traffic, Optional Calling Area Traffic, IntraLATA Interexchange Traffic, or InterLATA Interexchange Traffic.

1.5.5 ISP-Bound Traffic Rebuttable Presumption

1.5.5.1 In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and AT&T agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between CLEC and AT&T exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation and growth cap terms in this Section 1.5. Either Party has the right to rebut the 3:1 ISP presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the pendency of any such proceedings to rebut the presumption, CLEC and AT&T will remain obligated to pay the presumptive rates (reciprocal compensation rates for traffic below a 3:1 ratio, the rates set forth in Section 1.5.2.2 for traffic above the ratio) subject to a true-up upon the conclusion of such proceedings. Such true-up shall be retroactive back to the date a Party first sought appropriate relief from the Commission.

1.5.6 For purposes of this Section 1.5.6, all Section 251(b)(5) Traffic and all ISP-Bound Traffic shall be referred to as "Billable Traffic" and will be billed in accordance with Section 11.0 below. The Party that transports and terminates more "Billable Traffic" ("Out-of-Balance Carrier") will, on a monthly basis, calculate (i) the amount of such traffic to be compensated at the FCC's interim ISP terminating compensation rate set forth in Section 1.5.2.2 above and (ii) the amount of such traffic subject to bill and keep in accordance with Sections 1.5.3, 1.5.4 and 1.5.5 above. The Out-of-Balance Carrier will invoice on a monthly basis the other Party in accordance with the provisions in this Agreement and the FCC's interim ISP terminating compensation plan.

2. RESPONSIBILITIES OF THE PARTIES

- 2.1 For all traffic originated on a Party's network including, without limitation, Switched Access Traffic and wireless traffic, such Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 2.5. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. CPN shall, at a minimum, include information that accurately reflects the physical location of the end user that originated and/or dialed the call, when including such information is technically feasible. If either party identifies improper, incorrect, or fraudulent use of local exchange services (including, but not limited to PRI, ISDN and/or Smart Trunks), or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, the Parties agree to cooperate with one another to investigate and take corrective action.
- 2.2 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.
- 2.3 For traffic which is delivered by one Party to be terminated on the other Party's network, if the percentage of such calls passed with CPN is greater than ninety percent (90%), all calls delivered by one Party to the other for termination without CPN will be billed as either Section 251(b)(5) Traffic or IntraLATA Toll Traffic in direct proportion to the total MOUs of calls delivered by one Party to the other

- with CPN. If the percentage of calls passed with CPN is less than 90%, all calls delivered by one Party to the other without CPN will be billed as Intrastate IntraLATA Toll Traffic.
- 2.4 Each Party to this Agreement will be responsible for sending the Calling Party Number (CPN) for calls originating on its network and passed to the network of the other Party. Each Party to this Agreement will be responsible for passing on any CPN it receives from a third party for traffic delivered to the other Party.
- 2.5 CLEC has the sole obligation to enter into a compensation agreement with third party carriers that CLEC originates traffic to and terminates traffic from, including traffic either originated or terminated to a CLEC end-user served by CLEC using an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis. In no event will AT&T have any liability to CLEC or any third party if CLEC fails to enter into such compensation arrangements. In the event that traffic is exchanged with a third party carrier with whom CLEC does not have a traffic compensation agreement, CLEC will indemnify, defend and hold harmless AT&T against any and all losses including without limitation, charges levied by such third party carrier. The third party carrier and CLEC will bill their respective charges directly to each other. AT&T will not be required to function as a billing intermediary, e.g., clearinghouse. AT&T may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

3. RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(B)(5) TRAFFIC

- 3.1 In accordance with Section 1.5 of this Attachment, the compensation set forth below will apply to all Section 251(b)(5) Traffic as defined in Section 1.0 of this Attachment.
- 3.2 Applicability of Rates:
- 3.2.1 The rates, terms, conditions referenced in this Section 3.0 apply only to the termination of Section 251(b)(5) Traffic.
- 3.2.2 The Parties agree to compensate each other for the termination of Section 251(b)(5) Traffic on a minute of use (MOU) basis and a Per Message basis, as applicable, and set forth in the Pricing Schedule. The following rate elements apply, but the corresponding rates are shown in the Pricing Schedule:
- 3.3 Rate Elements:
- 3.3.1 Tandem Served rate elements are applicable to Tandem Routed Traffic on a terminating MOU basis and includes compensation for the following sub-elements:
- 3.3.2 Tandem Switching - compensation for the use of tandem switching only
- 3.3.3 Tandem Transport - compensation for the transmission facilities between the local tandem and the end offices subtending that tandem consisting of a transport termination (per minute) rate element and transport facility mileage (per minute, per mile) rate element.
- 3.3.4 End Office Switching - compensation for the local end office switching and line termination necessary to complete the transmission in an end office serving arrangement
- 3.3.5 CLEC shall only be paid End Office Serving Rate Elements.
- 3.4 Intercarrier Compensation for Wholesale Local Switching Traffic
- 3.4.1 Where CLEC provides service to an CLEC end user using any combination of Network Elements that utilizes an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, CLEC will deal directly with a third party carrier for purposes of reciprocal compensation. The following reciprocal compensation terms shall apply in all cases where CLEC purchases an AT&T non-resale offering whereby AT&T provides the end office

switching on a wholesale basis. AT&T is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

3.4.1.1 For intra-switch Section 251(b)(5) Traffic and ISP-Bound Traffic where CLEC has purchased an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, the Parties agree to impose no call termination charges pertaining to reciprocal compensation on each other.

3.4.1.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between AT&T end users and CLEC's end users where CLEC utilizes an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis, and CLEC's end user originates a call that is terminated to a AT&T end user, CLEC shall pay, the End Office Switch rate set forth in Appendix Pricing and as specified in Section 3.3.4 for the transport and termination of Section 251(b)(5) Traffic, excluding ISP-Bound Traffic and the FCC Plan rate set forth in Section 1.5.2.2 for the transport and termination of ISP-Bound Traffic.

4. TANDEM INTERCONNECTION RATE APPLICATION

4.1 Transport and termination rates will vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. Where CLEC has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by AT&T's tandem switch, CLEC shall be entitled to receive the End Office Switching rate set forth in Section 3.3.4 above.

4.1.1 To qualify for the tandem interconnection rate pursuant to 47 C.F.R. §51.711 (a)(3), CLEC must affirmatively demonstrate that its switch actually serves a geographic area comparable to the area served by AT&T's tandem switch. For purposes of this Appendix, CLEC's switch actually serves a geographic area comparable to the area served by AT&T's tandem when CLEC's switch is:

- (i) providing local dial-tone service to end-users with a minimum of ten (10) different Business or Residence premise addresses physically located per serving wire center in [Number TBD] different AT&T serving wire center areas per LATA; and
- (ii) terminates less than seventy-five percent (75%) of its total traffic to each of the [Number TBD] different AT&T serving wire center service areas served by CLEC's switch

4.1.2 In order to be utilized in the calculation to meet the geographic coverage test, each CLEC end user must be physically located in the serving wire center and must be served by CLEC via UNE loops or self-provisioned loops. If CLEC qualifies for the tandem interconnection rate as provided above, the tandem interconnection rate will include a transport mileage of zero miles. If CLEC has more than one switch, each switch must qualify for the tandem interconnection rate as set forth above on a switch-by-switch basis.

4.2 Should disputes arise regarding whether CLEC's switch has affirmatively demonstrated that its switch actually serves a geographic area comparable to the area served by an AT&T tandem switch, as described above, the Parties shall utilize the Dispute Resolution procedures in this Agreement to resolve the dispute. CLEC may affirmatively demonstrate that its switch is actually serving a geographic area comparable to the area served by an AT&T tandem switch in either an arbitration proceeding or other appropriate proceeding designated by the Commission, such as a post-interconnection agreement dispute proceeding using various network design factors. If CLEC affirmatively demonstrates that its switch is actually serving a geographic area comparable to the AT&T's tandem switch in either an arbitration proceeding or other appropriate proceeding designated by the Commission, at the conclusion of such proceeding, the tandem switching and transport rates shall be applied on a going forward basis only.

5. OTHER TELECOMMUNICATIONS TRAFFIC

- 5.1 The Parties recognize and agree that ISP and Internet traffic could also be traded outside of the applicable local calling scope, or routed in ways that could make the rates and rate structure in Section 1.5 above not apply, including but not limited to ISP calls that fit the definitions of:
- Optional Calling Area Traffic (**AT&T SOUTHWEST REGION 5-STATE only**)
 - IntraLATA Interexchange Traffic
 - InterLATA Interexchange Traffic
 - 800, 888, 877, ("8YY") Traffic
 - Feature Group A Traffic
 - Feature Group D Traffic
 - FX Traffic
- 5.2 The Parties agree that, for the purposes of this Attachment, either Party's end users remain free to place ISP calls on a "Non-Local" basis under any of the above classifications. Notwithstanding anything to the contrary herein, to the extent such "non-Local" ISP calls are placed, the Parties agree that Section 1.5 above does not apply, and that the Agreement's rates, terms and conditions for Optional Calling Area Traffic, "8YY" Traffic, Feature Group A Traffic, Feature Group D Traffic, FX Traffic, IntraLATA and/or InterLATA Traffic, whichever is applicable, shall apply.
- 5.3 The Parties agree that physical interconnection, routing, and trunking of ISP calls on an Inter-Exchange basis, either IntraLATA or InterLATA, shall be as specified in the Agreement for all other traffic exchanged, including but not limited to, the need to route over Meet Point Billed trunks.

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7. SEGREGATING AND TRACKING FX TRAFFIC

- 7.1 In order to ensure that Virtual FX, Dedicated FX, and FX-type Traffic is being properly segregated from other types of intercarrier traffic, the terminating carrier will be responsible for keeping a written record of all FX Telephone Numbers (whether Dedicated, Virtual, and FX-type) for which Bill and Keep applies, and providing an NXX level summary of the minutes of use to FX Telephone Numbers on its network to the originating carrier each month (or in each applicable billing period, if not billed monthly).
- 7.2 The Parties agree to retain written records of their full 10 digit FX Telephone Numbers for two (2) years from the date the FX Telephone Numbers were assigned.
- 7.3 Alternatively, the Parties may mutually agree to assign a Percentage of FX Usage (PFX) which shall represent the estimated percentage of minutes of use that is attributable to all Dedicated FX, Virtual FX, and FX-type Traffic in a given usage month.
- 7.3.1 The PFX must be agreed upon in writing prior to the usage month (or other applicable billing period) in which the PFX is to apply and may only be adjusted once each quarter. The parties may agree to use traffic studies, retail sales of Dedicated FX lines, or any other agreed method of estimating the FX traffic to be assigned the PFX.

8. COMPENSATION FOR TERMINATION OF INTRALATA INTEREXCHANGE TOLL TRAFFIC

- 8.1 IntraLATA Interexchange Traffic, not considered EAS Traffic and carried on the jointly-provided ILEC network, is considered as IntraLATA Toll Traffic and is subject to tariff access charges. Billing arrangements are outlined in Section 11.
- 8.2 Compensation for the termination of this traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge, as set forth in each Party's intrastate access service tariff.

8.3 For interstate IntraLATA service, compensation for terminating of intercompany traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge, as set forth in each Party's interstate access service tariff.

9. COMPENSATION FOR ORIGINATION AND TERMINATION OF SWITCHED ACCESS SERVICE TRAFFIC TO OR FROM AN INTEREXCHANGE CARRIER (IXC) (MEET-POINT BILLING (MPB) ARRANGEMENTS)

9.1 For interLATA traffic and intraLATA traffic, compensation for termination of intercompany traffic will be at access rates as set forth in each Party's own applicable interstate or intrastate access tariffs.

9.2 The Parties will establish MPB arrangements in order to provide Switched Access Services to Interexchange Carriers via a Party's access tandem switch, in accordance with the MPB guidelines contained in the Ordering and Billing Forum's MECOD and MECAB documents as amended from time to time.

9.3 The Parties will maintain provisions in their respective federal and state access tariffs, or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect this MPB arrangement, including MPB percentages.

9.4 As detailed in the MECAB document, the Parties will exchange all information necessary to accurately, reliably and promptly bill third parties for Switched Access Services jointly handled by the Parties via the MPB arrangement. Where the Exchange Message Interface (EMI) records cannot be transferred due to transmission failure, records can be provided via a mutually acceptable medium. Each Party will act as the Official Recording Company for switched Access usage when it is jointly provided between the Parties. As described in the MECAB document, the Official Recording Company for tandem routed traffic is: (1) the end office company for originating traffic, (2) the tandem company for terminating traffic and (3) the SSP company for originating 800 traffic. The exchange of Access Usage Records ("AURs") to accommodate meet point billing will be on a reciprocal, no charge basis. Each Party agrees to provide the other Party with AURs based upon mutually agreed upon intervals.

9.5 Billing for the Switched Access Services jointly provided by the parties via the MPB arrangement will be according to the multiple bill single tariff method. As described in the MECAB document each Party will render a bill in accordance with its tariff for its portion of the service. Each Party will bill its own network access service rates to the IXC. The residual interconnection charge (RIC), if any, will be billed by the Party providing the End Office function.

9.6 MPB will also apply to all jointly provided Switched Access MOUs bearing the 900 or toll free NPAs (e.g., 800, 877, 866 888 NPAs or any other non-geographical NPAs) which may likewise be designated for such traffic where the responsible party is an IXC. The Party that performs the SSP function (launches the query to the 800 database) will bill the 800 Service Provider for this function.

10. COMPENSATION FOR ORIGINATION AND TERMINATION OF INTERLATA TRAFFIC NOT SUBJECT TO MEET POINT BILLING

10.1 Where a CLEC originates or terminates its own end user InterLATA Traffic not subject to Meet Point Billing, the CLEC must purchase FG D access service from AT&T's state or federal access tariffs, whichever is applicable, to carry such InterLATA Traffic.

11. BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(B)(5) TRAFFIC, OPTIONAL CALLING AREA TRAFFIC, ISP-BOUND TRAFFIC AND INTRALATA TOLL TRAFFIC

11.1 In AT&T each Party, unless otherwise agreed, will calculate terminating interconnection minutes of use based on standard switch recordings made within the terminating carrier's network for Section

251(b)(5) Traffic, Optional Calling Area Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These terminating recordings are the basis for each Party to generate bills to the originating carrier.

11.1.1 Where a terminating CLEC is not technically capable of billing the originating carrier through the use of terminating records, AT&T **SOUTHWEST REGION 5-STATE** will provide originating Category 92 records.

11.1.2 Where CLEC is using terminating recordings to bill reciprocal compensation, AT&T will provide the appropriate category of records to identify traffic that originates from an end user being served by a third party telecommunications carrier using an AT&T non-resale offering whereby AT&T provides the end office switching on a wholesale basis to such telecommunications carrier, and by which such telecommunications carrier uses it to offer to end users wireline local telephone exchange service. CLEC may use this information to bill such originating carrier for MOUs terminated on CLEC's network.

11.2 ISP-Bound Traffic will be calculated using the 3:1 Presumption as outlined in Sections 1.5.5 above.

11.3 The measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

11.4 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost data within sixty (60) days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon no more than three (3) to twelve (12) consecutive months of prior usage data.

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13. SWITCHED ACCESS TRAFFIC

13.1 For purposes of this Agreement only, Switched Access Traffic shall mean all traffic that originates from an end user physically located in one local exchange and delivered for termination to an end user physically located in a different local exchange (excluding traffic from exchanges sharing a common mandatory local calling area as defined in AT&T's local exchange tariffs on file with the applicable state commission) including, without limitation, any traffic that (i) terminates over a Party's circuit switch, including traffic from a service that originates over a circuit switch and uses Internet Protocol (IP) transport technology (regardless of whether only one provider uses IP transport or multiple providers are involved in providing IP transport) and/or (ii) originates from the end user's premises in IP format and is transmitted to the switch of a provider of voice communication applications or services when such switch utilizes IP technology and terminates over a Party's circuit switch. Notwithstanding anything to the contrary in this Agreement, all Switched Access Traffic shall be delivered to the terminating Party over feature group access trunks per the terminating Party's access tariff(s) and shall be subject to applicable intrastate and interstate switched access charges; provided, however, the following categories of Switched Access Traffic are not subject to the above stated requirement relating to routing over feature group access trunks:

- (i) IntraLATA toll Traffic or Optional EAS Traffic from a CLEC end user that obtains local dial tone from CLEC where CLEC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider,
- (ii) IntraLATA toll Traffic or Optional EAS Traffic from an AT&T end user that obtains local dial tone from AT&T where AT&T is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;
- (iii) Switched Access Traffic delivered to AT&T from an Interexchange Carrier (IXC) where the terminating number is ported to another CLEC and the IXC fails to perform the Local Number

Portability (LNP) query; and/or

- (iv) Switched Access Traffic delivered to either Party from a third party competitive local exchange carrier over interconnection trunk groups carrying Section 251(b)(5) Traffic and ISP-Bound Traffic (hereinafter referred to as "Local Interconnection Trunk Groups") destined to the other Party.

Notwithstanding anything to the contrary in this Agreement, each Party reserves its rights, remedies, and arguments relating to the application of switched access charges for traffic exchanged by the Parties prior to the Effective Date of this Agreement and described in the FCC's Order issued in the Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services Exempt from Access Charges, WC Docket No. 01-361(Released April 21, 2004).

- 13.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Switched Access Traffic as described in Section 10.1 (iv) above to either Party over Local Interconnection Trunk Groups, such Party may deliver such Switched Access Traffic to the terminating Party over Local Interconnection Trunk Groups. If it is determined that such traffic has been delivered over Local Interconnection Trunk Groups, the terminating Party may object to the delivery of such traffic by providing written notice to the delivering Party pursuant to the notice provisions set forth in the General Terms and Conditions and request removal of such traffic. The Parties will work cooperatively to identify the traffic with the goal of removing such traffic from the Local Interconnection Trunk Groups. If the delivering Party has not removed or is unable to remove such Switched Access Traffic as described in Section 10.1(iv) above from the Local Interconnection Trunk Groups within sixty (60) days of receipt of notice from the other party, the Parties agree to jointly file a complaint or any other appropriate action with the applicable Commission to seek any necessary permission to remove the traffic from such interconnection trunks up to and including the right to block such traffic and to obtain compensation, if appropriate, from the third party competitive local exchange carrier delivering such traffic to the extent it is not blocked.

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15. ADDITIONAL CHANGE OF LAW PROVISION

- 15.1 The Parties further acknowledge that the FCC has issued a Notice of Proposed Rulemaking on the topic of Intercarrier Compensation generally. See, *In the Matter of Developing a Unified Intercarrier Compensation Regime*, CC Docket 01-92; established in Notice of Proposed Rulemaking Order No. 01-132, April 27, 2001. In the event that a final, legally binding FCC Order is issued upon the conclusion of that NPRM proceeding and during the term of this Appendix, the Parties agree to conform this Agreement to the compensation procedures set forth in that Order.

ATTACHMENT 13: ANCILLARY FUNCTIONS

1. INTRODUCTION

1.1 This Attachment 13: Ancillary Functions, and its Appendices set forth the Ancillary Functions that AT&T agrees to offer to CLEC under this Agreement, and the requirements associated therewith. AT&T will offer these Ancillary Functions to CLEC on rates, terms and conditions that are just, reasonable, and non-discriminatory and in accordance with the terms and conditions of this Agreement.

2. COLLOCATION

2.1 Certain provisions applicable to the Parties' rights and obligations pertaining to physical collocation are set forth in Appendix Collocation, attached hereto.

3. RIGHTS OF WAY (ROW), CONDUITS AND POLE ATTACHMENTS

3.1 The provisions concerning CLEC's access to and use of space on or within a pole, duct, conduit, or right-of-way owned or controlled by AT&T are set forth in Appendix Poles, Conduits, and Rights-Of-Way, attached hereto.



COLLOCATION

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1.0 Introduction

- 1.1 This Attachment sets forth the terms and conditions pursuant to which the applicable AT&T-owned Incumbent Local Exchange Carrier (ILEC) will provide Physical and Virtual Collocation pursuant to 47 U.S.C. § 251(c)(6). AT&T will provide Collocation arrangements at the rates, terms and conditions set forth herein. Collocation is available to CLEC for the placement of Telecommunications Equipment as provided for in this Attachment solely for the purposes of (i) transmitting and routing Telephone Exchange Service or Exchange Access pursuant to 47 U.S.C. § 251(c)(2) of the Act and applicable effective FCC regulations and judicial rulings, or (ii) obtaining access to AT&T's 251(c)(3) Unbundled Network Elements (UNEs) for the purpose of providing Telecommunications Service pursuant to 47 U.S.C. § 251(c)(3) of the Act and effective FCC rules and associated and effective FCC and judicial orders.
- 1.2 Unless otherwise specified, the terms and conditions in this Attachment apply to both Virtual and Physical Collocation Arrangements. This Attachment provides for the placing of certain Collocator Telecommunications Equipment and facilities on AT&T property for the purposes set forth in Section 1.1.
- 1.3 The terms and conditions expressly set forth in this Attachment shall control in the event of an irreconcilable conflict with any of the following: the Terms and Conditions of the Interconnection Agreement between the Collocator and AT&T and all appendices and/or other Attachments, the Collocation Services Handbook, AT&T's standards and requirements for equipment and facility installations, documentation on the AT&T CLEC Online website as it may change from time to time, or AT&T's TP-76300 which can be found on the AT&T CLEC Online website. References to "this Agreement" herein include the General Terms and Conditions and the other Attachments which comprise Collocator's Interconnection Agreement.
- 1.4 Unless otherwise specified, intervals and processes are described online in the Collocation Services Handbook and/or the appropriate Technical Publication (TP) found on AT&T CLEC Online website.
- 1.5 The rates, terms and conditions contained within this Attachment shall only apply when Collocator is physically or virtually collocated as a sole occupant or as a Host within an AT&T Premises pursuant to this Attachment.
- 1.6 This Attachment is only applicable to AT&T Premises owned or controlled by AT&T.
- 1.7 Scope:
- 1.7.1 The Parties intend that this Attachment contain the sole and exclusive terms and conditions by which CLEC will obtain Collocation from AT&T pursuant to 47 U.S.C. § 251(c)(6), except to the extent CLEC may also have a Microwave Entrance Facility Collocation Attachment.
- 1.7.2 AT&T will process any order for 251(c)(6) Collocation submitted by Collocator in accordance with this Attachment.
- 1.7.3 The Collocation terms and conditions within this Attachment are contingent upon Collocator doing its own work through the use of an AT&T Approved Installation Supplier (AIS).
- 1.7.4 Physical Collocation provides actual space (hereinafter referred to as Dedicated Space) within AT&T Eligible Structures as defined in Section 2 below. The Physical Collocator will lease the Dedicated Space from AT&T and install its own Telecommunications Equipment within the Dedicated Space that is necessary for the purposes set forth in Section 1.1 above.
- 1.7.5 The Physical Collocator will provision, install and maintain its Collocation arrangement using the applicable AT&T AIS. When space is Legitimately Exhausted inside an Eligible Structure, AT&T will permit Collocation in Adjacent On-Site Structures located on AT&T's property in accordance with this Attachment.
- 1.7.6 Virtual Collocation is separate and distinct from Physical Collocation. Virtually collocated Telecommunications Equipment is purchased by the Collocator and is engineered and installed by an AT&T AIS Tier 1. The Collocator's vendor is paid directly by the Collocator. Virtual Collocated equipment is maintained by AT&T at the direction of the Collocator.
- 1.8 Billing Conversions:
- 1.8.1 Billing Conversions on previously provided Collocation under tariff will apply to all monthly recurring charges (MRCs) contained in the Collocation section of the Pricing Schedule attached. AT&T will initiate all orders

for such Billing Conversion and no non-recurring charges (NRCs) shall apply to CLEC for Billing Conversion orders.

1.8.2 Prospective Effect:

1.8.2.1 Any Billing Conversions made pursuant to this Section shall be effective on a prospective basis only for recurring charges. The rates implemented via this Agreement shall apply to all existing Collocation arrangements that were established under the terms and conditions established pursuant to 47 USC 251(c)(6) without the need for a specific request by the CLEC that such new rates be implemented for each such Collocation arrangement. Adoption of a new rate structure shall not by itself require purchaser to incur any new non-recurring Collocation area modification or application charges. In the event that any order for any 251(c)(6) Collocation submitted by Collocator is pending as of the Effective Date of the Agreement, any NRCs then due and owing or otherwise then contemplated by such pending order shall be assessed in accordance with the rates set forth in the arrangement (e.g., tariff or prior interconnection agreement) under which the order was originally submitted; provided, however, that any MRCs arising out of such order shall be subject to the rates set forth in this Agreement from the Effective Date forward.

2.0 Definitions

- 2.1 "Adjacent Structure" means when a Physical Collocator provided structure is placed on AT&T property (Adjacent On-site) adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent adjacent space is available and Technically Feasible to use for this purpose.
- 2.2 "AT&T Premises" means all buildings falling under the FCC's definition of "premises", including AT&T ILEC Central Offices (COs) and Remote Terminals.
- 2.3 "Augment" means a request from a Collocator to add or modify space, equipment, and/or cable to an existing Collocation arrangement.
- 2.4 "Billing Conversions" means that any 251(c)(6) Collocation previously provided under tariff to CLEC, prior to the Effective Date of this Agreement, will be subject to the pricing contained within this Agreement upon the Effective Date of this Agreement.
- 2.5 "Cable Records Charges" in AT&T SOUTHEAST REGION 9-STATE only: means the applicable charges for work activities required to build or remove existing cable records assigned to Collocators in AT&T SOUTHEAST REGION 9-STATE's database systems. The applicable rates and charges are shown in the Pricing Schedule.
- 2.6 "Circuit Facility Assignments (CFAs)" means the information provided to show the point of Interconnection between the Collocator and AT&T.
- 2.7 "Collocator" is the CLEC who places Telecommunications Equipment on AT&T's Premises, within designated Collocation areas, for the sole purpose of Interconnecting with AT&T and/or accessing AT&T's 251(c)(3) UNEs for the purpose described in this Attachment.
- 2.7.1 A "Physical Collocator" is a CLEC that has a Physical Collocation arrangement on AT&T Premise.
- 2.7.2 A "Virtual Collocator" is a CLEC that has a Virtual Collocation arrangement on AT&T Premise.
- 2.8 "Collo-to-Collo" (Also known as "Direct Connection" or "Direct Connect"), means the cable connection between a Collocator's collocated equipment in a Physical or Virtual Collocation arrangement and its own or another Collocator's physically or virtually collocated equipment, located within the same Eligible Structure.
- 2.9 "Cross-Connect" means a service order-generated connection of one or more Collocator's equipment cables using patch cords or jumpers that attach to connecting equipment hardware at the Main Distribution Frame (MDF), Intermediate Distribution Frame (IDF) or Fiber Distribution Frame (FDF).
- 2.10 "Custom Work Charge" (Also known as special construction), means the charge(s) developed on an ICB basis, solely to meet the construction requirements of the Collocator.

- 2.11 “Day” means, for purposes of application and/or installation intervals, calendar days unless otherwise specified. However, for any time period equal to or less than five (5) days, day denotes Business Day as defined in the General Terms and Conditions (GT&C) of this Agreement.
- 2.12 “Delivery Date” (Also known as Space Ready Date) means the date on which AT&T turns the functional Collocation space over to the requesting Collocator. The space is functional when AT&T has completed all work, as required by the Collocator’s accurate and complete Application, and is not dependent on when or whether the Collocator has completed its work.
- 2.13 “Dedicated Space” means the space assigned for the Collocator’s Physical Collocation arrangement located in AT&T Eligible Structure.
- 2.14 “Effective Billing Date” means the date AT&T completed its work as required by the Collocator’s accurate and complete application and made the Collocation space available to the Collocator, regardless of any failure by the Collocator to complete its work.
- 2.15 “Efficiently Used” means that at least sixty percent (60%) of the Collocator’s specific type of CFA (cable pairs, coaxial or fiber facilities) requested is currently being used for the purpose of interconnecting to AT&T’s network for the transmission and routing of Telephone Exchange Service or Exchange Access and/or means the Collocator is using between sixty (60) and one hundred percent (100%) of the Collocator’s existing Collocation space arrangement in a particular Eligible Structure.
- 2.16 “Eligible Structure” means AT&T’s Central Office (CO) and Serving Wire Centers, as well as, all buildings or similar structures owned or controlled by AT&T that house its network facilities, and all structures that house AT&T’s facilities on public Rights-of-Way (ROW) as ROW is defined in Attachment 03 - Structure Access.
- 2.17 “Extraordinary Charges” means those costs for requests for construction or maintenance that are beyond what is ordinary, average, usual or normal in degree or measure based upon the terms, conditions, and rates established in this Attachment. Extraordinary costs are one-time expenses AT&T incurs to meet the specific request of an individual Collocator and will not typically benefit either other CLECs or AT&T.
- 2.18 “Guest-Host” (Also known as Sub-leased) means when a Collocator allows other Telecommunications Carriers to share Collocator’s caged Collocation arrangement, pursuant to the terms and conditions agreed to by Collocator (Host) and the other Telecommunications Carriers (Guests).
- 2.19 “Individual Case Basis (ICB)” means the charges based on requests from a Collocator, that are beyond the terms, conditions, and rates established in this Attachment.
- 2.20 “Infrastructure Systems” means the structural components, such as: floors capable of supporting equipment loads, heating, ventilating and air conditioning (HVAC) systems, electrical systems, power, high efficiency filtration, humidity controls, remote alarms, and smoke purge.
- 2.21 “AT&T Approved Installation Supplier (AT&T AIS)” means the suppliers that are approved to perform CO installation work for AT&T and for Collocators in AT&T Eligible Structures.
- 2.21.1 Approved CO Installation Suppliers Tier 1 (AT&T AIS Tier 1) - These suppliers are approved by AT&T to perform CO installation work for AT&T and for Virtual Collocators in AT&T CO in all Collocation areas and common areas in the technologies and geographical locations for which they are approved by the AT&T per the letter codes listed in a table on the Tier 1 list on the AT&T CLEC Online website.
- 2.21.2 AT&T Collocation Approved Installation Suppliers Tier 2 (AT&T AIS Tier 2) - These suppliers have been approved to perform collocation installation work for Physical Collocators in the Caged Collocation area and in the “footprint of the bay” in the cageless (Physical) Collocation area within the CO. This category of approval does not include access to common areas, installation of cabling outside of the cage or footprint, Virtual Collocation areas, or the Main Distribution Frame (MDF).
- 2.22 “Interconnector’s Collocation Services Handbook for Physical or Virtual Collocation” or like document, is a publication provided to Collocators that provides information on how to order Collocation arrangements and the processes and

requirements for Collocation in AT&T's CO. This document is located on the AT&T CLEC Online Web-site and is amended from time to time.

- 2.23 "Legitimately Exhausted" means when all Unused Space (as defined below) in a CO or other Eligible Structure that can be used to locate Telecommunications Equipment via Physical Collocation is completely occupied.
- 2.24 "Other Collocation Space" means the space within the CO that can be designated for Physical Collocation where infrastructure systems do not currently exist and must be constructed. The designation of Other Collocation Space is applicable to space within the CO only; other Eligible Structures such as CEVs, huts, and vaults are considered "Active" Collocation Space.
- 2.25 "Physical Collocation" means space that is provided by AT&T to Collocator for the purpose of interconnecting to AT&T's network for the transmission and routing of Telephone Exchange Service or Exchange Access, or both pursuant to 47 U.S.C. §251(c)(2), or for obtaining access to AT&T UNEs ("UNEs") for provision of a Telecommunications Service pursuant to 47 U.S.C. §251(c)(3) of the Act.
- 2.26 "Remote Terminals (RT)" means the Controlled Environmental Vaults (CEV's), Huts, Terminals and Cabinets and other AT&T owned or controlled premises containing AT&T network facilities where adequate space is available and Collocation is Technically Feasible.
- 2.27 "Shared Caged Collocation" means when two (2) or more Physical Collocators may initially apply at the same time to share a caged Collocation arrangement. Applicable rates and charges are shown in the Pricing Schedule.
- 2.28 "Technical Publications (TPs)" means the documents used for installation requirements, which can include network equipment, power, grounding, environmental, and physical design requirements. These documents can be found on AT&T CLEC Online website.
- 2.29 "Technically Feasible" means that a Collocation arrangement is Technically Feasible if, in accordance with either national standards or industry practice, there is no significant technical impediment to its establishment. Technical impediment shall be determined consistent with the definition of Technically Feasible in 47 CFR Section 51.5 to the extent that definition may be effective at the time of such determination. A rebuttable presumption that a Collocation arrangement is Technically Feasible shall arise if the arrangement has been deployed by any ILEC in the country.
- 2.30 "Telecommunications Infrastructure Space" means the square footage or linear footage of space, including common areas, used to house Telecommunications infrastructure equipment necessary to support Collocation space used for Interconnection under section 251(c)(2) with AT&T's network or access to 251(c)(3) UNEs of AT&T's network.
- 2.31 "Unused Space" means any space (i) existing in AT&T's Eligible Structures at the time of a Collocation request, (ii) that is not subject to a valid space reservation by AT&T or any Third Party, (iii) that is not occupied by AT&T's, its Affiliates', or Third Party's equipment, and is not needed for access to, or egress from, work areas (iv) that is not being used by AT&T's or its Affiliates for administrative or other functions and (v) on or in which the placement of any equipment or network facilities (AT&T's or Requesting Collocator's) would not violate any local or state law, rule or ordinance (e.g., fire, OSHA, or zoning) or technical standards (performance or safety) or would void AT&T's warranty on proximate.
- 2.32 "Virtual Collocation" is provided for the purpose of interconnecting to AT&T for the transmission and routing of Telephone Exchange Service or Exchange Access, or both, pursuant to 47 U.S.C. §251(c)(2), or for obtaining access to AT&T's 251(c)(3) UNEs for the provision of a Telecommunications Service, pursuant to 47 U.S.C. §251(c)(3) of the Act when the virtually collocated Telecommunications Equipment is provided by the Collocator. Virtual Collocation is separate and distinct from Physical Collocation. Virtually collocated Telecommunications Equipment is purchased by the Collocator and is engineered and installed by an AT&T AIS Tier 1. The Collocator's vendor is paid directly by the Collocator. Virtual Collocated equipment is maintained by AT&T at the direction of the Collocator.

3.0 GENERAL

3.1 Certification:

- 3.1.1 The Collocator requesting Collocation is responsible for obtaining any necessary certifications or approvals from the Commission prior to provisioning of Telecommunications Service by using the Collocation space.

AT&T shall not refuse to process an Application for Collocation space and shall not refuse to provision the Collocation space submitted by a Telecommunications Carrier while that Telecommunications Carrier's state certification is pending or prior to a final approved Interconnection Agreement.

- 3.2 The rates and charges in this Attachment are applicable only for Collocation arrangements in Eligible Structures as defined in Section 2 of this Attachment. AT&T allocates the charges for space preparation and security charges on a prorated basis so the first Collocator will not be responsible for the entire cost of site preparation. However, ancillary charges for unique Collocator requests for Collocation options directly attributable to the requesting Collocator will not be prorated. Examples include power arrangements and POT bay-related options. Rates and charges can be found in the Pricing Schedule.
- 3.3 Any business telephone services ordered by the Physical Collocator for its administrative use within its Dedicated Space will be provided in accordance with applicable AT&T retail services.
- 3.4 Hazardous Waste and Materials:
- 3.4.1 The Collocator and its AT&T AIS and/or vendors, shall adhere to all federal, state and local regulations regarding hazardous material/waste. In addition, the AT&T AIS shall adhere to all AT&T requirements and shall coordinate with the AT&T representative before any activity relating to hazardous material/waste is started. Refer to the Interconnector's Collocation Services Handbook for Physical and Virtual Collocation, which may be accessed on the AT&T CLEC Online website.
- 3.5 Safety:
- 3.5.1 The Collocator shall be entirely responsible for the safety and instruction of its employees or representatives. The Collocator shall take precautions to avoid harm to personnel, equipment, and building (e.g., cutting installed threaded rod) of AT&T or other Telecommunications Carriers. The Collocator shall immediately report to the AT&T CO representative any accident, outside agency inspection or hazardous condition, such as any accident or injury that occurs to employees or subcontractors of the Collocator while on AT&T premises or any OSHA inspection or citations issued to the Collocator while on AT&T premises. Refer to Interconnector's Guide(s) for Physical Collocation for further details.
- 3.6 Americans with Disability Act (ADA):
- 3.6.1 The rates and charges in this Attachment do not include costs for any ADA construction generated or caused by the Collocation space request. If required, ADA construction will be provided on an ICB.
- 3.6.2 If AT&T is required to upgrade an Eligible Structure, or portion of the structure to comply with the ADA which arises as a direct result of Collocator's Collocation arrangement, AT&T will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each Collocator located within the Eligible Structure, based on the total space utilized by each Collocator.
- 3.7 Dispute Resolution – Except as otherwise provided herein, all Dispute Resolutions will be governed by the GT&C's of this Agreement.
- 3.8 Billing – Except as otherwise provided herein, Billing will be governed by the GT&C's of this Agreement.
- 3.9 AT&T will provide a Telephone Inventory Record Keeping System (TIRKS) and/or SWITCH print-out of Circuit Facilities Assignment (CFA) to the CLEC at Collocation space turnover. The CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving CFA information.
- 3.10 Parking at Eligible Structures will be provided on a first-come, first-served basis. Collocator may not park in spaces that are reserved for AT&T vehicles and which are designated as reserved.
- 3.11 Collocator shall be allowed to have reasonable use of and access to loading docks.
- 3.12 Contact Numbers:
- 3.12.1 AT&T is responsible for providing the Collocator personnel a contact number for AT&T personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week as defined in AT&T's Interconnector's Collocation Services Handbook.

- 3.12.2 The Collocator is responsible for providing to AT&T personnel a contact number for Collocator personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week to AT&T. In addition, for all activities requiring verbal and written notification per this Attachment, the Parties will provide the contact numbers included in the application process.
- 3.12.3 The Physical Collocator is responsible for the posting and/or updating signage on the inside of its Dedicated Space that contains their emergency contact information.
- 3.13 Right-to-Use; Multiple Dedicated Spaces:
- 3.13.1 In accordance with this Attachment, AT&T grants to the Collocator the right to use a Dedicated Space. Each Dedicated Space within an Eligible Structure will be considered a single Dedicated Space for the application of rates according to this Attachment.
- 3.14 Trouble Status Reports:
- 3.14.1 AT&T and the Collocator are responsible for making best efforts to provide prompt notification to each other of significant outages or operations problems which could impact or degrade AT&T or the Collocator's network, switches or services, with an estimated clearing time to restore service. When trouble has been identified within the Collocator's network, the Collocator is responsible for providing trouble status reports when requested by AT&T.
- 3.15 Service Coordination:
- 3.15.1 Collocator is responsible for coordinating with its AT&T AIS to ensure that the Collocator's approved requests are installed in accordance with their Collocation Applications.
- 3.16 Access to the MDF:
- 3.16.1 AT&T will not provide Collocator's personnel with direct access to AT&T's MDF, with the exception of the Collocator's hired AT&T's AIS Tier 1.
- 3.17 Equipment List:
- 3.17.1 A list of all the equipment and facilities, including the associated power requirements, floor loading, and heat release of each piece of equipment ("Equipment List"), that the Collocator will place within its Dedicated Space, or request to be placed in Virtual Collocation Space, must be included on the application for which the Dedicated Space or Virtual Collocation is prepared. The Collocator's equipment and facilities shall be compliant with the standards set out in Section 3.18.1, Minimum Standards, following and meet the requirements for "necessary equipment." The Collocator warrants and represents that the Equipment List is complete and accurate, and acknowledges that any incompleteness or inaccuracy would be a violation of the rules and regulations governing this Attachment. The Collocator shall not place or leave any equipment or facilities within the Dedicated Space not included on the Equipment List without the express written consent of AT&T, which consent shall not be unreasonably withheld.
- 3.17.2 AT&T posts the list of Safety compliant equipment on the "All Equipment List (AEL)" for the Collocator's reference on AT&T CLEC Online website. When the Collocator's equipment is not listed on the approved AEL the equipment will be reviewed for safety by AT&T and written approval or denial of the equipment will be forwarded to the Collocator. The AEL list is available to Collocators via the AT&T CLEC Online website. Inclusion of the equipment on the AEL does not mean that it meets the requirements of "necessary equipment," and thus does not mean that the equipment may be collocated.
- 3.17.3 Subsequent Requests to Place Equipment:
- 3.17.3.1 The Collocator shall furnish to AT&T a written list in the form of an attachment to the original Equipment List for the subsequent placement of equipment in its Dedicated or Virtual Collocation Space. When the Collocator's equipment is not listed in the approved All Equipment List (AEL) the equipment will be reviewed by AT&T and written approval or denial of the equipment will be forwarded to the Collocator. The additional equipment will also be reviewed as to whether it is "necessary equipment." Only if the equipment passes both reviews may it be collocated.

3.18 Minimum Standards:

- 3.18.1 Any network equipment placed in AT&T network equipment areas of Eligible Structures by AT&T or Collocator must meet AT&T minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in TP- 76200, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation. Safe operation is demonstrated by the equipment having been installed in any ILEC Eligible Structure (including AT&T) prior to January 1, 1998 with no known history of safety problems. When engineering and installing equipment, the Collocator will be expected to conform to the same accepted procedures and standards utilized by AT&T and its contractors.
- 3.18.2 At an RT all Collocator equipment installation shall comply with AT&T TP-76416, "Grounding and Bonding Requirements for Network Facilities" as found on AT&T CLEC Online Website. Metallic cable sheaths and metallic strength members of optical fiber cables, as well as, the metallic cable sheaths of all copper conductor cables shall be bonded to the designated grounding bus for the Remote Site Location. All copper conductor pairs, working and non-working, shall be equipped with a solid-state protector unit (over-voltage protection only), which has been listed by a nationally recognized testing laboratory.
- 3.18.3 In the event that AT&T denied Collocation of Collocator's equipment citing safety standards, AT&T will provide a list of AT&T telecommunications equipment which AT&T locates within the Eligible Structure for which Collocation was denied together with an affidavit attesting that all of such AT&T equipment met or exceeded the same safety standards for which Collocator's equipment was denied for not meeting that standard. This aforementioned list will be provided within (5) Business Days of Collocator's written request.
- 3.18.4 In the event AT&T believes that collocated equipment is not necessary for interconnection or access to 251(c)(3) UNEs or determines that the Collocator's equipment does not meet the minimum safety standards, the Collocator must not collocate the equipment until the dispute is resolved in the Collocator's favor. The Collocator will be given ten (10) Business Days to comply with the requirements and/or remove the equipment from the collocation space if the equipment was already improperly collocated. If it is determined that the Collocator's equipment does not meet the minimum safety standards above, the Collocator must not collocate the equipment and will be responsible for removal of the equipment and all resulting damages if the equipment already was collocated improperly.
- 3.18.5 Collocation equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T personnel, network or facilities, including the Eligible Structure or those of others is strictly prohibited. Notwithstanding any other provision herein, the characteristics and methods of operation of any equipment or facilities placed in the Collocation space shall not create hazards for or cause damage to those facilities, the Collocation space, or the Eligible Structure in which the Collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Attachment. Any and all disputes shall be governed by the GT&Cs of this Agreement.

3.19 Compliance Certification:

- 3.19.1 Subject to Section 27 of the GT&Cs of this Agreement, the Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.

3.20 Re-Entry:

- 3.20.1 If the Collocator shall default in performance of any provision herein, and the default shall continue for sixty (60) calendar days after receipt of AT&T's written Notice, or if the Collocator is declared bankrupt or insolvent or makes an assignment for the benefit of creditors, AT&T may, immediately or at any time thereafter, without notice or demand, enter and repossess the Dedicated Space, expel the Collocator and any claiming under the Collocator, remove the Collocator's property and dispose of such abandoned

equipment. Also, services provided pursuant to this Attachment will be terminated without prejudice to any other remedies.

3.20.2 AT&T may also refuse additional applications for service and/or refuse to complete any pending orders for additional space or service for the Collocator at any time after sending the Notice required by the preceding Section.

3.20.3 Limitations:

3.20.3.1 AT&T is not obligated to purchase additional plant or equipment, relinquish occupied space or facilities (unless there is obsolete equipment and Collocator requests it be removed or its removal is ordered by the Commission), to undertake the construction of new building quarters or to construct building additions or substantial improvements to the CO infrastructure of existing quarters in order to satisfy a request for space or the placement of additional equipment or facilities by a Collocator. However, when planning renovations of existing facilities or constructing or leasing new facilities, AT&T would take into account projected demand for Collocation of equipment. Subject to space availability and technical feasibility, AT&T will ensure that the Collocator is provided Collocation space at least equal in quality to that provided to AT&T, its Affiliates or other Parties to which it provides interconnection.

3.21 Dedicated Space Use and Access:

3.21.1 AT&T voluntarily allows Collocator via the AT&T AIS to place ancillary equipment and facilities, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment and facilities on a non-discriminatory basis, only if AT&T and Collocator mutually agree to such placement, in AT&T's Premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.

3.21.2 AT&T does not assume any responsibility for the installation, furnishing, designing, engineering, or performance of the Collocator's equipment and facilities.

3.21.3 When the Collocator's Collocation arrangement is within the Eligible Structure, the Collocator may not provide its own DC power plant equipment (with rectifiers or chargers and batteries) or AC power backup equipment (e.g., Uninterruptible Power System with batteries, or standby engine). AT&T will provide the necessary backup power to help protect against power outages.

3.21.4 Consistent with the environment and purpose of the Dedicated Space, the Collocator shall not use the Dedicated Space for office, retail, marketing, or sales purposes. No signage or marking of any kind by the Collocator shall be permitted on the Eligible Structure or on AT&T grounds surrounding the Eligible Structure in which the Dedicated Space is located excluding the Emergency contact information that the Collocator is required to place on the inside of its Dedicated Space. Unauthorized use of equipment, supplies or other property by Collocator, whether or not used routinely to provide telephone service will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the Collocator, as may be all associated investigative costs.

3.21.5 Physical Collocation: AT&T will not delay a Physical Collocator employee's entry into an Eligible Structure containing its collocated equipment or its access to its collocated equipment. AT&T will provide the Physical Collocator with reasonable access to restroom facilities and parking. All access is provided subject to compliance by the Collocator's employees and AT&T AISs with AT&T's policies and practices pertaining to fire, safety and security (e.g. the Collocator must comply with 4.10 below of this Attachment).

3.22 Pre-visits for Physical Collocation Only:

3.22.1 In order to permit reasonable access during construction of the Physical Collocation space, the Physical Collocator may submit a request for its one (1) free accompanied site visit to its designated Physical Collocation space at any time subsequent to AT&T's receipt of the BFFO. In the event the Physical Collocator desires access to its designated Physical Collocation Space after the first accompanied free visit and the Physical Collocator's access request form(s) has not been approved by AT&T or the Physical

Collocator has not yet submitted an access request form to AT&T, the Physical Collocator shall be permitted to access the Physical Collocation space accompanied by a AT&T security escort, at the Physical Collocator's expense, which will be assessed pursuant to the Security Escort fees contained in the Pricing Schedule. If any travel expenses are incurred, the Physical Collocator will be charged for the time AT&T employees spend traveling per the rates listed in the Pricing Schedule. The Physical Collocator must request that escorted access be provided by AT&T to the Physical Collocator's designated Collocation space at a mutually agreed to time. An AT&T security escort will be required whenever the Physical Collocator or its approved agent or AT&T AIS requires access to the entrance manhole. AT&T will wait for one-half (1/2) hour after the scheduled escort time to provide such requested escort service and the Physical Collocator shall pay for such half-hour charges in the event Collocator's employees, approved agent, AT&T AIS or Guest(s) fails to show up for the scheduled escort appointment.. Prospective Collocator will not be allowed to take photographs, make copies of AT&T site-specific drawings or make any notations.

3.22.2 The Physical Collocator agrees to comply promptly with all laws, ordinances and regulations affecting the use of the Dedicated Space. Upon the discontinuance of service, the Physical Collocator shall surrender the Dedicated Space or land for an adjacent structure to AT&T, in the same condition as when first occupied by the Physical Collocator, except for ordinary wear and tear.

3.22.3 AT&T will not accept delivery of nor responsibility for any correspondence and/or equipment delivered to the Physical Collocator at the Eligible Structure. However, through agreement between AT&T and the Physical Collocator, a Physical Collocator may make arrangements for receipt and/or securing of its equipment at the Eligible Structure by Physical Collocator's personnel and/or AT&T AIS.

3.22.4 Upkeep of Physical Collocation Arrangement:

3.22.4.1 The Physical Collocator shall be responsible for the general upkeep and cleaning of the Physical Collocation Arrangement. The Physical Collocator shall be responsible for removing any of Physical Collocator's debris from the Physical Collocation Arrangement and the surrounding area on each visit.

3.23 Security Cards for Physical Collocation:

3.23.1 The Physical Collocator's employees and AT&T AIS shall be permitted access to its collocated equipment seven (7) days a week, twenty-four (24) hours a day without a security escort. The Physical Collocator shall provide AT&T with notice at the time of dispatch of its own employee or AT&T AIS to an Eligible Structure in accordance with applicable AT&T CLEC Online Handbook requirements.

3.23.2 The Physical Collocator will be required to submit a complete and accurate request form for Security Cards, access, keys and/or ID cards (also known as "Access Devices"), for the Physical Collocator's employee and AT&T AIS utilizing the appropriate request forms located on AT&T's CLEC Online website. The Physical Collocator must submit to AT&T the completed form for all employees and AIS requiring access to AT&T's Premises at least thirty (30) calendar days prior to the date the Physical Collocator desires to gain access to the Collocation space.

3.23.2.1 In an emergency or other extenuating circumstances (but not in the normal course of business), the Physical Collocator may request that AT&T expedite the issuance of the access keys/cards and/or ID cards, and AT&T will issue them as soon as reasonably practical. There may be an additional charge for such expedited requests as reflected in the Pricing Schedule.

3.23.3 Any access key/cards and/or ID cards provided by AT&T to the Physical Collocator for its employees and AT&T AIS may not be duplicated under any circumstances.

3.23.4 The Physical Collocator agrees to be responsible for all Access Devices issued to the Physical Collocator for its employees and AT&T AIS contracted by the Collocator to perform work on the Collocator's behalf. The Physical Collocator is responsible for the return of all Access Devices in the possession of the Physical Collocator's employees and AT&T AIS after termination of the employment relationship. The contractual

obligation with the Physical Collocator ends, upon the termination of this Agreement, or upon the termination of occupancy of Collocation space in a specific AT&T Premises.

3.23.5 Lost or Stolen Access Devices:

3.23.5.1 The Physical Collocator shall immediately notify AT&T in writing when any of its Access Devices have been lost or stolen. If it becomes necessary for AT&T to re-key buildings or deactivate an Access Device as a result of a lost or stolen Access Device(s) or for failure of the Physical Collocator's employees, and AT&T AIS to return an Access Device(s), the Physical Collocator shall pay for the costs of re-keying the building or deactivating the Access Device(s).

3.23.6 Rates and charges for access keys/cards are found in the Pricing Schedule.

3.23.7 Threat to Personnel, Network or Facilities:

3.23.8 Regarding safety, Collocator's equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited.

3.24 Interference or Impairment:

3.24.1 Regarding safety and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the Dedicated Space shall not create hazards for or cause damage to those facilities, the Dedicated Space, or the Eligible Structure in which the Dedicated Space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Dedicated Space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Attachment.

3.25 Personal Property and Its Removal:

3.25.1 In accordance with and subject to the conditions of this Attachment, the Physical Collocator may place or install in or on the Dedicated Space such personal property or fixtures ("Property") as are needed for the purpose of Physical Collocation. Property placed by the Physical Collocator in the Dedicated Space shall not become a part of the Dedicated Space even if nailed, screwed or otherwise fastened to the Dedicated Space. Such Property must meet AT&T standards for flame and smoke ratings, e.g., no combustibles. Such Property shall retain its status as personal and may be removed by the Physical Collocator at any time. Any damage caused to the Collocation Arrangement by the Physical Collocator's employees, AT&T AIS, agents or Guests during the installation or removal of such property shall be promptly repaired by the Physical Collocator at its sole expense.

3.26 Alterations:

3.26.1 Under no condition shall the Physical Collocator or any person acting on behalf of the Physical Collocator make any rearrangement, modification, augment, improvement, addition, and/or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Collocation Space or the AT&T Premises, hereinafter referred to individually or collectively as "Alterations", without the expressed written consent of AT&T, which shall not be unreasonably withheld. The cost of any such Alteration shall be paid by Collocator. An Alteration shall require the submission of the appropriate Subsequent Application and/or Augment and will result in the assessment of the applicable application fee associated with the type of alteration requested.

3.27 Maintenance:

3.27.1 AT&T shall maintain the exterior of the Eligible Structure and grounds, and all entrances, stairways, passageways, and exits used by the Physical Collocator to access the Dedicated Space.

3.27.2 AT&T shall maintain the Eligible Structure for customary building services, utilities (excluding telephone facilities), including janitorial and elevator services in the common areas.

3.27.3 In Controlled Environmental Vault (CEV), huts and cabinets where Physical Collocation space is not available, a Collocator may opt for Virtual Collocation wherein AT&T maintains and repairs the virtually

collocated equipment as described in 16.0 below following and consistent with the rates, terms and conditions as provided for throughout this entire Attachment. **AT&T** may at its option, elect to offer this maintenance alternative in one or more of its COs, and in one or more of its CEVs, huts and cabinets where Physical Collocation space is available.

3.28 Equipment Staging and Storage:

3.28.1 No storage or staging area will be provided outside of the licensed space. Collocation areas may not be used for office administrative space (e.g., filing cabinet, desk, etc.). Fire standards and regulations prohibit the storage of flammable material, e.g., cardboard boxes, paper, packing material, etc. Safety standards prohibit the storage of chemicals of any kind (Refer to Interconnector's Guide for Physical Collocation via the AT&T CLEC Online website).

3.29 **AT&T** AIS Requirements:

3.29.1 Collocator shall select a supplier which has been approved as an **AT&T** AIS to perform all engineering and installation work. The Collocator's **AT&T** AIS must follow and comply with all of **AT&T**'s specifications and the following **AT&T** Technical Requirements and/or publications, as appropriate: TP-76300, TP-76900, TP-76200, and TP-76400. Unless the **AT&T** AIS has met the requirements for all of the required work activities, Collocator must use the applicable **AT&T** AIS for the work activities associated with transmission equipment, switching equipment and power equipment. The list of **AT&T** AIS is available on AT&T CLEC Online website. The Collocator's **AT&T** AIS shall be responsible for installing Collocator's equipment and associated components, performing operational tests after installation is complete and notifying **AT&T**'s equipment engineers and Collocator upon successful completion of the installation and any associated work. When an **AT&T** AIS is used by Collocator, the **AT&T** AIS shall bill Collocator directly for all work performed for Collocator. **AT&T** shall have no liability for or responsibility to pay, such charges imposed by Collocator's **AT&T** AIS. **AT&T** shall make available its supplier approval program to Collocator or any supplier proposed by Collocator and will not unreasonably withhold approval. All work performed by or for Collocator shall conform to generally accepted industry standards.

3.30 Construction Notification:

3.30.1 **AT&T** will notify the Physical Collocator prior to the scheduled start dates of all major construction activities (including power additions or modifications) in the general area of the Collocator's Dedicated Space with potential to disrupt the Collocator's services. **AT&T** will provide such notification to the Collocator at least twenty (20) Business Days before the scheduled start date of such major construction activity. **AT&T** will inform the Collocator as soon as practicable by telephone of all emergency-related activities that **AT&T** or its subcontractors are performing in the general area of the Collocator's Dedicated Space, or in the general area of the AC and DC power plants which support the Collocator's equipment. If possible, notification of any emergency-related activity will be made immediately prior to the start of the activity so that the Collocator may take reasonable actions necessary to protect the Collocator's Dedicated Space.

3.31 Eligible Structure List:

3.31.1 **AT&T** shall maintain publicly available documents on AT&T CLEC Online website, indicating its Eligible Structures, if any, that have no space available for Physical Collocation. **AT&T** will update this document within ten (10) calendar days of the date at which an Eligible Structure runs out of such Collocation space.

3.31.2 **AT&T** will remove obsolete unused equipment from its Eligible Structures that have no space available for Collocation upon reasonable request by a Collocator or upon order of the Commission. **AT&T** shall reserve space for switching, MDF and Digital Cross Connect System (DCS) to accommodate access line growth.

3.32 Legitimately Exhausted:

3.32.1 Before **AT&T** may make a determination that space in an Eligible Structure is Legitimately Exhausted, **AT&T** must have removed all unused obsolete equipment from the Eligible Structure, if requested by CLEC or required by the Commission, and made such space available for Collocation. Removal of unused obsolete equipment shall not cause a delay in **AT&T**'s response to a Collocator's application or in

provisioning Collocation arrangements. AT&T may reserve space for transport equipment for the current year plus two (2) years. Additionally, AT&T may not reserve space for equipment for itself, or advanced or interLATA services Affiliates or other Affiliates of AT&T or for future use by AT&T or its Affiliates under conditions that are more favorable than those that apply to other Telecommunications Carriers seeking to reserve Collocation space for their own use. AT&T may reserve space for switching, power, MDF, and DCS up to anticipated customer growth except as may be restricted in the AT&T CLEC Online Handbook. Additional information is available in the AT&T CLEC Online Handbook.

3.33 AT&T's Right of Access:

- 3.33.1 AT&T, its employees, and other AT&T authorized persons shall have the right to enter Dedicated Space at any reasonable time on three (3) calendar days advance notice (unless otherwise negotiated by the Parties) of the time and purpose of the entry to examine its condition, make repairs required to be made by AT&T hereunder, and for any other purpose deemed reasonable by AT&T.
- 3.33.2 AT&T may access the Dedicated Space for purpose of averting any threat of harm imposed by the Physical Collocator or its equipment or facilities upon the operation of AT&T equipment, facilities and/or personnel located outside of the Dedicated Space without such advance notice; in such case, AT&T will notify the Collocator by telephone of that entry and will leave written notice of entry in the Dedicated Space. If routine inspections are required, they shall be conducted at a mutually agreeable time.

3.34 Physical Collocator's Equipment, Facilities & Responsibilities:

- 3.34.1 In their Physical Collocation arrangement, the Physical Collocator is solely responsible for the design, engineering, testing, performance and maintenance of the Telecommunications Equipment and facilities used in the Dedicated Space. The Physical Collocator will be responsible for servicing, supplying, repairing, installing and maintaining the following within the Dedicated Space:
- 3.34.1.1 Its fiber optic cable(s) or other permitted transmission media as specified in Section 16.0;
 - 3.34.1.2 Its equipment;
 - 3.34.1.3 Interconnection facilities between the Physical Collocator's equipment area and AT&T's designated demarcation;
 - 3.34.1.4 DC power delivery cabling between the Physical Collocator's equipment area and AT&T's designated power source;
 - 3.34.1.5 Required point of termination cross connects in the Dedicated Space;
 - 3.34.1.6 If CLEC chooses to use a POT frame, POT frame maintenance, including replacement power fuses and circuit breaker restoration, to the extent that such fuses and circuit breakers are within the Dedicated Space;
 - 3.34.1.7 The connection cable and associated equipment which may be required within the Dedicated Space(s).
- 3.34.2 AT&T neither accepts nor assumes any responsibility whatsoever in any of the areas in this Section 3.35 headed Physical Collocator's Equipment, Facilities & Responsibilities.

3.35 Virtual Collocator Equipment, Facilities & Responsibilities:

- 3.35.1 The Virtual Collocator's AT&T AIS will install no later than two (2) Business Days prior to the scheduled turn-up of the Virtual Collocator's equipment, at its expense, all facilities and equipment required to facilitate Interconnection under section 251(c)(2) or access to AT&T's 251(c)(3) UNEs. The Virtual Collocator's virtually collocated equipment will be maintained by AT&T. The Collocator will, at its expense, provide the following:
- 3.35.1.1 Its fiber optic cable(s) or other permitted transmission media as specified in Section 16.0;
 - 3.35.1.2 Its equipment;
 - 3.35.1.3 Interconnection facilities between the Collocator's equipment area and AT&T's designated demarcation;

- 3.35.1.4 DC power delivery cabling between the Collocator's equipment and AT&T's designated power source;
- 3.35.1.5 All plug-ins and/or circuit packs (working, spare, and replacements);
- 3.35.1.6 All unique tools and test equipment;
- 3.35.1.7 Any ancillary equipment and cabling used for remote monitoring and control;
- 3.35.1.8 Any technical publications and updates associated with all Collocator-owned and provided equipment;
- 3.35.1.9 All training as described in Section 4.11.3 below.
- 3.35.1.10 The Virtual Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Virtual Collocator for placement in/on AT&T property. Suitable replacements are to be immediately provided to AT&T to restore equipment.
- 3.35.1.11 The Virtual Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to AT&T CO using the equipment spare within five (5) calendar days of notification that a spare was used or tested defective.
- 3.35.1.12 For the disconnection of circuits, the Virtual Collocator will provide all circuit information no later than two (2) Business Days prior to the scheduled disconnection of the Virtual Collocator's circuit.

4.0 Limitation of Liability

- 4.1 Except as otherwise provided herein, Limitation of Liability will be governed by the GT&Cs of this Agreement.
 - 4.1.1 Both AT&T and the Collocator shall be indemnified and held harmless by the other against claims and damages by any Third Party arising from provision of the other ones' services or equipment, except those claims and damages directly associated with the provision of services to each other which are governed by the provisioning Party's applicable agreements.
- 4.2 Third Parties: The Parties acknowledge the following: that AT&T is required by law to provide space in and access to its Eligible Structures to certain other persons or entities ("Others"), which may include competitors of the Collocator; that such space may be close to the Collocation Space, possibly including space adjacent to the Collocated Space and with access to the outside of the Collocated Space within the Collocation area; and that if caged, the cage around the Dedicated Space is a permeable boundary that will not prevent the Others from observing or even damaging the Collocator's equipment and facilities.
- 4.3 In addition to any other applicable limitation, neither AT&T nor the Collocator shall have any liability with respect to any act or omission by any other, regardless of the degree of culpability of any other, except in instances involving gross negligence or willful actions by either AT&T or the Collocator or its agents or employees.
- 4.4 The CLEC will be responsible for any and all damages resulting from any harm to AT&T's or other CLEC's premises, or any outage in AT&T's or other CLEC's network, which is a result of the installation, operation, or maintenance of the CLEC's equipment, including but not limited to from any defect in CLEC's equipment or its installation, operation, or maintenance, or resulting from the actions or inaction, willful, or negligent, of the CLEC's employees, suppliers, or contractors.
- 4.5 Force Majeure Events shall be governed by the GT&Cs of this Agreement.
- 4.6 Insurance:
 - 4.6.1 Except as otherwise provided herein, Insurance will be governed by the GT&Cs of this Agreement with the liability limits therein specific to Collocation.
 - 4.6.2 A certificate of insurance stating the types of insurance and policy limits provided the Collocator must be received prior to commencement of any work. If a certificate is not received, AT&T will notify the Collocator, and the Collocator will have five (5) Business Days to cure the deficiency. If the Collocator does not cure

the deficiency within five (5) Business Days, Collocator hereby authorizes AT&T, and AT&T may, but is not required to, obtain insurance on behalf of the Collocator as specified herein. AT&T will invoice Collocator for the costs incurred to so acquire insurance.

4.6.3 The Collocator shall also require all AT&T AIS who may enter the Eligible Structure for the performance of work on their behalf to maintain the same insurance requirements.

4.7 Self-Insured:

4.7.1 Self-insurance in lieu of the insurance requirements listed preceding Section 4.6 above shall be permitted if the Collocator 1) has a tangible net worth of fifty (50) million dollars or greater, and 2) files a financial statement annually with the Securities and Exchange Commission and/or having a financial strength rating of 4A or 5A assigned by Dun & Bradstreet. The ability to self-insure shall continue so long as the Collocator meets all of the requirements of this Section. If the Collocator subsequently no longer satisfies this Section, the coverage requirements in the GT&Cs Insurance Section will immediately apply.

4.8 Indemnification of AT&T:

4.8.1 Except as otherwise provided herein, Indemnification is governed by the GT&Cs of this Agreement.

4.9 Casualty Loss:

4.9.1 Damage to Collocation Space:

4.9.1.1 If the Collocation Space is damaged by fire or other casualty that is not the result of the Collocator's or Collocator's AT&T AIS actions or those of a Third Party as hereinafter described, and (1) the Collocation Space is not rendered untenable in whole or in part, AT&T shall repair the same at its expense and the monthly charge shall not be abated, or (2) the Collocation Space is rendered untenable in whole or in part and such damage or destruction can be repaired within ninety (90) Business Days, AT&T has the option to repair the Collocation Space at its expense and the monthly charges shall be proportionately abated while the Collocator was deprived of the use. If the Collocation Space cannot be repaired within ninety (90) Business Days, or AT&T opts not to rebuild, then AT&T shall notify the Collocator within thirty (30) Business Days following such occurrence that the Collocator's use of the Collocation Space will terminate as of the date of such damage. Upon the Collocator's election, subject to space availability and technical feasibility, AT&T must provide to the Collocator, a comparable substitute Collocation arrangement at another mutually agreeable location at the applicable non-recurring charges for that arrangement and location.

4.9.1.2 Any obligation on the part of AT&T to repair the Dedicated Space shall be limited to repairing, restoring and rebuilding the Dedicated Space as prepared for the Collocator by AT&T.

4.10 Damage to Eligible Structure:

4.10.1 Notwithstanding that the Collocator's Collocation Space may be unaffected thereby, in the event that the Eligible Structure in which the Collocation Space is located shall be so damaged by fire or other casualty that closing, demolition or substantial alteration or reconstruction of the Eligible Structure shall, in AT&T's opinion be advisable, AT&T, at its option, may terminate services provided via this Attachment. AT&T shall provide the Collocator ten (10) Business Days prior written notice of termination within thirty (30) Business Days following the date of such occurrence, if possible.

4.11 Security:

4.11.1 AT&T may impose the following reasonable security measures on Collocator to assist in protecting its network and equipment from harm. AT&T may use security measures expressly allowed by the FCC. In addition, AT&T may impose security arrangements as stringent as the security arrangements AT&T maintains at its own Eligible Structures either for its own employees or for authorized contractors. To the extent security arrangements are more stringent for one group than the other, AT&T may impose the more stringent requirements. AT&T will not impose discriminatory security requirements that result in increased Collocation costs without the concomitant benefit of providing necessary protection of AT&T's equipment.

- Neither Party will use any information collected in the course of implementing or operating security arrangements for any marketing or other purpose in aid of competing with the other Party.
- 4.11.2 Collocator will conduct background checks of its employee and/or the AT&T AIS who will have access to the Collocation space. Such background checks will include but are not to be limited to criminal background checks for offenses involving theft or damage to property, and a check of FBI listings of known or suspected terrorists.
- 4.11.3 Collocator shall provide its employees and/or the AT&T AIS with picture identification, which must be worn and visible at all times while in Collocator's Collocation space or other areas in or around the AT&T Premises. The photo identification card shall bear, at a minimum, the employee's name and photo and Collocator's name. AT&T reserves the right to remove from an AT&T Premises any employee of Collocator not possessing identification issued by Collocator or who has violated any of AT&T's policies as outlined in the CLEC Security Training documents.
- 4.11.3.1 Collocator technicians will be security-qualified by the Collocator and will be required to be knowledgeable of AT&T's security standards. Collocator personnel and technicians will undergo the same level of security training or its equivalent that AT&T's own employees and authorized contractors must undergo. AT&T will not, however, require Collocator to receive security training from AT&T, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with its own security training.
- 4.11.3.2 Collocator and AT&T will each establish disciplinary procedures up to and including dismissal or denial of access to the Eligible Structure and other property of AT&T for certain specified actions that damage, or place the equipment, facilities, or the network or personnel of the Collocator or AT&T in jeopardy. The following are actions that could damage or place the Eligible Structure, or the network or the personnel of the Collocator or AT&T in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Eligible Structure and other AT&T property:
- 4.11.3.2.1 Theft or destruction of AT&T's or Collocator's property;
- 4.11.3.2.2 Use/sale or attempted use/sale of alcohol or illegal drugs on AT&T property;
- 4.11.3.2.3 Threats or violent acts against other persons on AT&T property;
- 4.11.3.2.4 Knowing violations of any local, state or federal law or the requirements of this Agreement on AT&T property;
- 4.11.3.2.5 Permitting unauthorized persons access to AT&T or Collocator's equipment on AT&T property; and
- 4.11.3.2.6 Carrying a weapon on AT&T property
- 4.11.3.3 In addition, AT&T reserves the right to interview Collocator's employees, agents, suppliers, or Guests in the event of wrongdoing in or around an AT&T Premises or involving AT&T's or another Collocated Telecommunications Carrier's property or personnel, provided that AT&T shall provide reasonable notice to Collocator's Security representative of such interview. Collocator and its employees, agents, suppliers, or Guests shall reasonably cooperate with AT&T's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving Collocator's employees, agents, suppliers, or Guests. Additionally, AT&T reserves the right to bill Collocator for all reasonable costs associated with investigations involving its employees, agents, suppliers, or Guests if it is established and mutually agreed in good faith that Collocator's employees, agents, suppliers, or Guests are responsible for the alleged act(s). Collocator and AT&T will take appropriate disciplinary steps as determined by each Party to address any violations reported by AT&T or the Collocator.

- 4.11.3.4 AT&T may use reasonable security measures to protect its equipment. In the event AT&T elects to erect an interior security partition in a given Eligible Structure to separate its equipment, AT&T may recover the costs of the partition in lieu of the costs of other reasonable security measures if the partition costs are lower than the costs of any other reasonable security measure for such Eligible Structure. In no event shall a Collocator be required to pay for both an interior security partition to separate AT&T's equipment in an Eligible Structure and any other reasonable security measure for such Eligible Structure. If AT&T elects to erect an interior security partition and recover the cost, it must demonstrate to the Physical Collocator that other reasonable security methods cost more than an interior security partition around AT&T's equipment at the time the price quote is given.
- 4.11.3.4.1 AT&T's construction of an interior security partition around its own equipment shall not interfere with a CLEC's access to its equipment, including equipment Collocated directly adjacent to AT&T's equipment. AT&T's construction of an interior security partition around its own equipment shall not impede a Telecommunications Carrier's ability to Collocate within AT&T's space. To the extent that AT&T is required to install additional security measures within its interior security partition because a CLEC has access to its own equipment within the area, such security measures shall be constructed and maintained at AT&T's expense.
- 4.11.3.4.2 AT&T's enclosure of its own equipment will not unreasonably increase a CLEC's cost nor shall it result in duplicative security costs. The cost of an interior security partition around AT&T's equipment cannot include any embedded costs of any other security measures for the Eligible Structure.

5.0 Collocation Space

5.1 Use of Collocation Space:

5.1.1 Nature of Use – Equipment Permitted to be Collocated

- 5.1.1.1 Equipment is considered necessary for Interconnection if an inability to deploy that equipment would, as a practical, economic, or operations matter, preclude the Collocator from obtaining Interconnection with AT&T at a level equal in quality to that which AT&T obtains within its own network or AT&T provides to an Affiliate, subsidiary, or other Party.
- 5.1.1.2 Equipment is considered necessary for access to a 251(c)(3) UNE if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the Collocator from obtaining non-discriminatory access to that 251(c)(3) UNE.
- 5.1.1.3 Examples of equipment that would not be considered necessary include, but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, OSS equipment used to support collocated Telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc.
- 5.1.1.4 AT&T will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. In order to make this determination, AT&T may need to request additional information from Collocator. Collocator agrees to use its best efforts to provide such information to AT&T in a timely manner.
- 5.1.2 Multi-functional equipment shall be deemed necessary for Interconnection or access to a 251(c)(3) UNE if, and only if, the primary purpose and function of the equipment (as the Collocator seeks to deploy it) meets either or both of the standards set forth above in this Section. For a piece of multi-functional equipment to be utilized primarily to obtain equal in quality Interconnection or non-discriminatory access to one or more 251(c)(3) UNEs, there also must be a logical connection or link between the additional functions the

equipment would perform and the Telecommunication Services the Collocator seeks to provide to its End Users by means of the interconnection or 251(c)(3) UNE. The additional functions of the equipment that, as stand-alone functions, do not meet either of the standards set forth above in this Section must not cause the equipment to significantly increase the burden of AT&T's property.

5.2 Demarcation Point - AT&T

5.2.1 AT&T will designate the point(s) of demarcation between Collocator's equipment and/or network facilities and AT&T's network facilities. For DS0, DS1, DS3 and fiber terminations, AT&T shall designate, provide and install demarcation point hardware on a per arrangement basis. Collocator shall utilize an AT&T AIS Tier 1 to installing their interconnection cabling to the AT&T designated demarcation point .

5.2.2 The Physical Collocator or its AT&T AIS, must install, maintain and operate the equipment/facilities on its side of the demarcation point, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests.

5.2.3 The Virtual Collocator via its AT&T AIS must install and operate the equipment/facilities on its side of the demarcation point, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests. AT&T will maintain the Virtual Collocation arrangement.

5.3 Types of Available Physical Collocation Arrangements:

5.3.1 AT&T will make each of the arrangements outlined below available within its Eligible Structures in accordance with this Attachment and the AT&T CLEC On-line Collocation Handbook so that Collocator will have a variety of Collocation options from which to choose.

5.3.2 Caged Physical Collocation:

5.3.2.1 Caged Collocation option provides the Physical Collocator with an individual enclosure (not including a top). This enclosure is an area designated by AT&T within an Eligible Structure to be used by the Physical Collocator for the sole purpose of installing, maintaining and operating the Physical Collocator-provided equipment for the purpose of Interconnection under section 251(c)(2) and access to 251(c)(3) UNEs. Accordingly, AT&T will not provide the Physical Collocator with direct access to AT&T's MDF, with the exception of the AT&T's AIS Tier 1.

5.3.2.2 AT&T will provide floor space, floor space site conditioning, cage common systems materials, cage preparation, and safety and security charges in increments of one (1) square foot. For this reason, the Physical Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment (minimum of fifty (50) square feet of caged space) and will ensure that the first Physical Collocator in an AT&T Premises will not be responsible for the entire cost of site preparation and security.

5.3.2.3 At the Physical Collocator's option, the Collocator may elect to install its own enclosure, but must comply with all methods, procedures and guidelines followed by AT&T in constructing such an arrangement. The Physical Collocator may provide a cage enclosure (which shall not include a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set. In addition, terms and conditions for contractors performing cage construction activities as set forth following will apply.

5.3.3 Shared Caged Collocation:

5.3.3.1 AT&T will provide Shared Caged Collocation as set forth in the AT&T CLEC Online Handbook. Two (2) or more Physical Collocators may initially apply at the same time to share a Caged Collocation space as set forth in 2.0 above. Charges to each Physical Collocator will be based upon the percentage of total space utilized by each Physical Collocator.

5.3.4 Guest-Host Collocation (Also known as Sub-Lease Collocation):

5.3.4.1 The Physical Collocator may allow other Telecommunications Carriers to share the Physical Collocator's caged Collocation space, pursuant to the terms and conditions agreed to by the

Physical Collocator (Host) and the other Telecommunication Carriers (Guests) which must be consistent with the provisions contained in this Section and this Agreement, except where the AT&T Premises is located within a leased space and AT&T is prohibited by said lease from offering such an option to the Physical Collocator. AT&T shall be notified in writing by the Physical Collocator upon the execution of any agreement between the Host and its Guest(s) prior to the submission of an application. Further, such notification shall include the name of the Guest(s), the term of the agreement, and a certification by the Physical Collocator that said agreement imposes upon the Guest(s) the same terms and conditions for Collocation space as set forth in this Attachment between AT&T and the Physical Collocator. The term of the agreement between the Host and its Guest(s) shall not exceed the term of this Agreement between AT&T and the Physical Collocator.

- 5.3.4.2 The Physical Collocator, as the Host, shall be the sole interface and the responsible Party to AT&T for the assessment and billing of rates and charges contained within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest(s), the Guest(s) employees and agents. There will be a minimum charge of one (1) bay/rack per Host/Guest. In addition to the above, the Physical Collocator shall be the responsible Party to AT&T for the purpose of submitting applications for initial and additional equipment placement for the Guest(s).
- 5.3.4.3 Notwithstanding the foregoing, the Guest(s) may submit service orders to AT&T to request the provisioning of interconnecting facilities between AT&T and the Guest(s), the provisioning of services, and/or access to Section 251(c)(3) UNEs. The bill for these interconnecting facilities, services and Section 251(c)(3) UNEs will be charged to the Guest(s) pursuant to the applicable the Guest's Interconnection Agreement with AT&T.
- 5.3.5 Cageless Collocation:
 - 5.3.5.1 AT&T will provide cageless Collocation in any Collocation space that is supported by the existing Telecommunications infrastructure. AT&T will provide space in single bay increments, including available space adjacent to or next to AT&T's equipment as needed.
 - 5.3.5.2 AT&T shall allow the Physical Collocator to collocate the Physical Collocator's equipment and facilities without requiring the construction of a cage or similar structure.
 - 5.3.5.3 Except where the Physical Collocator's equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), AT&T shall assign cageless Collocation arrangement in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, the Physical Collocator must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in TP-76200, and shall be responsible for compliance with all special technical requirements associated with such equipment.
- 5.4 Adjacent On-Site Collocation:
 - 5.4.1 Where Physical Collocation space within the AT&T CO is Legitimately Exhausted AT&T will permit the Physical Collocator to Physically Collocate on AT&T's property in the Physical Collocator's adjacent structures similar to structures that AT&T uses to house Telecommunication Equipment, to the extent Technically Feasible.
 - 5.4.2 AT&T and CLEC will mutually agree on the location of the designated space on AT&T premises where the Adjacent Structure will be placed. AT&T will not unreasonably withhold agreement as to the site desired by the Physical Collocator. Safety and maintenance requirements, zoning, future building expansion and other state and local regulations are all examples of reasonable grounds to withhold agreement as to the site desired by the Physical Collocator.
 - 5.4.3 AT&T will offer the following increments of power to the Adjacent Structure:

- 5.4.3.1 a standard offering of one-hundred (100) amps of AC power to the Adjacent Structure when CO Switchboard AC capacity exists or
- 5.4.3.2 DC power within two (2) cable options that allow increments of 2-100 (100A feed and 100B feed) Amp Power Feeds, 2-200 (200A feed and 200B feed) Amp Power Feeds, 2-300 (300A feed and 300B feed) Amp Power Feeds, and 2-400 (400A feed and 400B feed) Amp Power Feeds to the Adjacent Structure from the CO Power source.
- 5.4.4 At its option, the Physical Collocator may choose to provide its own AC and DC power to the Adjacent Structure.
- 5.4.5 AT&T will provide Physical Collocation services to such Adjacent Structures, subject to the same requirements as other Collocation arrangements in this Attachment.
- 5.4.6 AT&T shall permit the Physical Collocator to place its own equipment, including, but not limited to, copper cables, coaxial cables, fiber cables and Telecommunications Equipment, in adjacent facilities constructed by the Physical Collocator's AT&T AIS. Accordingly, AT&T will not provide the Physical Collocator's personnel or agents with direct access to AT&T's MDF, with the exception of the AT&T's AIS Tier 1.
- 5.4.7 The Physical Collocator shall be responsible for securing all required licenses and permits, the required site preparations and shall further retain responsibility for securing and/or constructing the Adjacent Structure and any building and site maintenance associated with the placement of such Adjacent Structure.
- 5.4.8 Regeneration is required for Collocation in an Adjacent Structure if the cabling distance between the Physical Collocator's POT bay or termination point located in an Adjacent Structure and AT&T's cross-connect bay exceeds American National Standards Institute, Inc. (ANSI) limitations. Regeneration is not required in any other circumstances except where the Physical Collocator specifically requests regeneration. Required regeneration and Physical Collocator requested regeneration will be provided at the Physical Collocator's expense.
- 5.4.9 In the event that interior space in an Eligible Structure becomes available, AT&T will provide the option to the Physical Collocator to relocate its equipment from an Adjacent on-site facility into the interior space. In the event the Physical Collocator chooses to relocate its equipment into the interior space, appropriate charges applicable for Collocation within the Eligible Structure will apply.
- 5.4.10 If a Physical Collocator elects to provide an Adjacent On-Site Space Collocation as described above, when all available space for Physical Collocation is Legitimately Exhausted inside an AT&T Eligible Structure, AT&T will charge Planning Fees to recover the costs incurred to estimate the quotation of charges for the Collocator's Adjacent On-site Collocation arrangement request. Rates and charges are found in the Pricing Schedule. In addition, should the Collocator elect to have AT&T provision an extension of DC Power Service from the Eligible Structure to the Adjacent Structure, a Collocator Interconnect Power Panel (CIPP) will be required.
- 5.4.11 Adjacent On-site Planning Fee
 - 5.4.11.1 An initial Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent On-site structure and AT&T on an initial or subsequent Adjacent On-site collocation application. This fee recovers the design route of the Interconnection Terminations as well as the design route of the power arrangement to the Collocator's Adjacent On-site structure.
- 5.5 Virtual Collocation:
 - 5.5.1 Virtual Collocation for the purpose of Interconnection under section 251(c)(2) to AT&T or access to AT&T provided 251(c)(3) UNEs is ordered as set forth in AT&T-22-STATE's Interconnector's Collocation Services Handbook for Virtual Collocation. AT&T will designate the location or locations within its wire centers, CEVs, huts and cabinets for the placement of all equipment and facilities associated with Virtual Collocation. Virtual Collocation does not involve the reservation of segregated CO or CEV, hut and Cabinet space for the use of Virtual Collocator. AT&T will provide Virtual Collocation for the Virtual Collocator's comparable

equipment as it provides to itself in the CO, wire center, CEV, hut or Cabinet, as the case may be, subject to the requirements of this Agreement.

6.0 Reports

6.1 Space Availability Report:

6.1.1 CLEC may request a space availability report prior to its application for Collocation space within AT&T's Eligible Structures. This report will specify the amount of Collocation space available at each requested Eligible Structure, the number of Collocators, and any modifications in the use of the space since the last report. The report will also include measures that AT&T is taking to make additional space available for Collocation. CLEC may access the appropriate form for the space availability report on the AT&T CLEC Online website. A space availability report does not reserve space at the AT&T Premises for which the space availability report was requested by CLEC.

6.1.2 Fees for such reports are shown in the Pricing Schedule.

7.0 Application Process

7.1 AT&T will provide Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. To apply for a Dedicated Space in a particular Eligible Structure CLEC and AT&T will follow the Collocation Application ("Application") process in the AT&T's Interconnector's Collocation Services Handbook at the AT&T CLEC Online website. The Collocator will provide a completed Application through the Collocation Application Web Portal via AT&T's CLEC Online website and will pay AT&T an initial Planning/Application Fee as found in the Pricing Schedule.

7.1.1 Application for Multiple Methods of Collocation:

7.1.1.1 A Collocator wishing AT&T to consider multiple methods for Collocation in an Eligible Structure on a single Application will need to include in each Application a prioritized list of its preferred methods of collocating, e.g., caged, cageless, or other, as well as adequate information, (e.g., specific layout requirements, cage size, number of bays, requirements relative to adjacent bays, etc.) for AT&T to process the Application for each of the preferred methods. If a Collocator provides adequate information and its preferences with its Application, AT&T would not require an additional Application, nor would the Collocator be required to restart the quotation interval should its first choice not be available in an Eligible Structure.

7.2 Complete and Accurate Application Review Process:

7.2.1 Upon receipt of the Collocator's complete and accurate Application and initial Planning/Application Fee payment, AT&T will begin development of the quotation.

7.2.2 In responding to an Application request, if space and interconnection facilities are available and all other Collocation requirements are met, AT&T shall advise the Collocator that its request for space is granted, confirm the applicable NRC and MRC rates and the estimated provisioning interval. AT&T will not select for Collocator the type of Collocation to be ordered.

7.2.3 All applicable NRCs are required to be paid to AT&T prior to the Collocation space being turned over to the Collocator. AT&T-13STATE processes the payment of the aforementioned NRCs in two installments: 50% of the applicable NRCs are due upon the Collocator's deliverance of the signed BFFO to AT&T-13STATE with the remaining 50% payment due two weeks prior to the Collocation space turnover. AT&T SOUTHEAST REGION 9-STATE will issue a bill for all applicable NRCs to the Collocator's after the Collocator's deliverance of the signed BFFO.

7.3 Space Unavailability Determination and Resolution:

7.3.1 In responding to an Application request if space is not available, AT&T will notify the Collocator that its application for Collocation Space is denied due to the lack of space and no Application fee shall apply. If AT&T knows when additional Collocation space may become available at the AT&T CO requested by Collocator such information will be provided to Collocator in AT&T-22-STATE's written denial of Collocation Space. AT&T in its denial will provide the Collocator with any other known methods of Collocation that may

- be available within the Eligible Structure that the Collocator's Application addressed. If the Collocator determines the alternative method of collocation meets their needs, the Collocator will be required to submit a new collocation application and pay the initial Planning Fee.
- 7.3.2 The notification will include a possible future space relief date, if applicable. At that time, any non-recurring charges collected with the Application, including the Planning Fee, will be returned to the Collocator. When AT&T's response includes an amount of space less than that requested by Collocator or space that is configured differently, no Application fee will apply. If Collocator decides to accept the available space, Collocator must resubmit its Application to reflect the actual space available including the reconfiguration of the space. When Collocator resubmits its Application to accept the available space, AT&T will bill the applicable Application/ Planning fee.
- 7.3.3 In the event of a denial, AT&T will file a notice that the Collocator's request was denied with the Commission. When contested in support of its denial, AT&T will concurrently submit to both the Commission and the Collocator, provided under seal and subject to proprietary protections, the following when applicable:
- 7.3.3.1 central office common language location identifier (CLLI),
 - 7.3.3.2 the identity of the requesting Collocator,
 - 7.3.3.3 amount of space requested by the Collocator
 - 7.3.3.4 the total amount of space at the AT&T premises
 - 7.3.3.5 floor plan documentation (as provided for in the Space Availability Determination section of the Interconnector's Collocation Services Handbook)
 - 7.3.3.6 identification of switch turnaround plans and other equipment removal plans and timelines, if any,
 - 7.3.3.7 CO rearrangement/expansion plans, if any,
 - 7.3.3.8 and description of other plans, if any, that may relieve space exhaustion.
- 7.3.4 In the event AT&T denies a Collocator's request and the Collocator disputes the denial, the Collocator may request a tour of the Eligible Structure to verify space availability or the lack thereof. The request shall be submitted to AT&T's designated representative in writing. Time limits established by the FCC must be respected. The inspection tour shall be scheduled as mutually agreeable.
- 7.3.5 Prior to the inspection tour, a "Reciprocal Non-disclosure Agreement" shall be signed by the designated AT&T representative and the representative the Collocator, who will participate in the tour.
- 7.3.6 AT&T will provide all relevant documentation to the Collocator including blueprints and plans for future facility expansions or enhancements, subject to executing the Reciprocal Non-disclosure Agreement. AT&T's representative will accompany and supervise the Collocator agent on the inspection tour.
- 7.3.7 If the Collocator believes, based on the inspection tour of the Eligible Structure facilities, that the denial of Physical Collocation space is unsupported, the Collocator agent shall promptly so advise AT&T. The Collocator and AT&T shall then each concurrently prepare a report detailing its own findings of the inspection tour. The Collocator and AT&T reports shall be concurrently served on each other and submitted to the Commission no later than forty-five (45) calendar days following the filing of the request for space. The burden of proof shall be on AT&T to justify the basis for any denial of collocation requests.
- 7.4 Revisions:
- 7.4.1 If a modification or revision is made to any information in the Application after AT&T has provided the Application response and prior to a BFFO, with the exception of modifications to (1) Customer Information, (2) Contact Information or (3) Billing Contact Information, whether at the request of Collocator or as necessitated by technical considerations, the Application shall be considered a new Application and handled as a new Application with respect to the response and provisioning intervals. AT&T will charge Collocator the appropriate Application/Augment fee associated with the level of assessment performed by AT&T.

7.4.2 Once **AT&T** has provided the BFFO/quote and CLEC has accepted and authorized **AT&T** to begin construction, any further modifications and/or revisions must be made via a subsequent Collocation Application and the appropriate fees will apply.

7.5 Augments:

7.5.1 A request from a Collocator to add or modify space, equipment, and/or cable to an existing Collocation arrangement is considered an Augment. Such a request must be made via a complete and accurate Application.

7.5.2 Upon receipt of the Collocator's complete and accurate Application and Planning Fee payment, **AT&T** will begin development of the Augment quotation. In responding to an Augment request, if power and/or Interconnection facilities are available and all other Collocation requirements are met, **AT&T** shall advise the Collocator that its request is granted, confirm the applicable non-recurring and recurring rates and the estimated provisioning interval.

7.5.3 Several types of Augments are identified in the Collocation section of the AT&T CLEC Online website. Those Augments will have associated pricing within the Pricing Schedule. Examples are:

7.5.3.1 100 Copper cable pair connections

7.5.3.2 28 DS1 connections and/or

7.5.3.3 1 DS3 connections and/or

7.5.3.4 24 fiber connections

7.6 For all Augments other than provided above, **AT&T** will work cooperatively with Collocator to negotiate a mutually agreeable delivery interval. All intervals and procedures associated with Augment Applications can be found in **AT&T**'s Interconnector's Collocation Services Handbook at the AT&T CLEC Online website.

7.7 Intervals for Interconnection & Power Cabling:

7.7.1 CLEC shall consult the AT&T CLEC On-Line Handbook for information regarding interval changes regarding Interconnection to and /or Power Cabling changes. CLEC must use an **AT&T** AIS to establish Interconnection and/or Power cabling as outlined in the appropriate TP.

8.0 Augment Application

8.1 In the event Collocator or the Physical Collocator's Guest(s) desires to modify its use of the Collocation space in a CO after a BFFO, Collocator shall complete a new Application that contains all of the detailed information associated with a requested alteration of the Collocation space. The subsequent Application will be processed by **AT&T** when it is complete and accurate, meaning that all of the required fields on the Subsequent Application have been completed with the appropriate type of information associated with the requested alteration. **AT&T** shall determine what modifications, if any, to the **AT&T** Premises are required to accommodate the change(s) requested by Collocator in the subsequent Application. Such modifications to the **AT&T** Premises may include, but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, equipment additions, etc.

9.0 Cancellation Prior to Due Date

9.1 In the event that the Collocator cancels its Collocation Application after **AT&T** has begun preparation of the Telecommunications Infrastructure Space and Dedicated Space, but before **AT&T** has been paid the entire amounts due under this Attachment, then in addition to other remedies that **AT&T** might have, the Collocator shall be liable in the amount equal to the non-recoverable costs less estimated net salvage, the total of which is not to exceed the Preparation Charges. Non-recoverable costs include the non-recoverable cost of equipment and material ordered, provided or used; the non-recoverable cost of installation and removal, including the costs of equipment and material ordered, provided or used; labor; transportation and any other associated costs. Upon Collocator's request, **AT&T** will provide the Collocator with a detailed invoice showing the costs it incurred associated with preparation.

10.0 Occupancy – Physical Collocation Only

- 10.1 Unless there are unusual circumstances, AT&T will notify the Physical Collocator that the Dedicated Space is ready for occupancy after AT&T's completion of preparation of the Dedicated Space. All MRCs and NRCs will begin to accrue on the date that the Collocation space construction had been completed by AT&T ("Space Ready Date"), regardless of any failure by the Physical Collocator to complete its work or occupy the space.
- 10.2 After the Physical Collocator's receipt of such notice, the Physical Collocator shall request within fifteen (15) calendar days an acceptance walk-through of the Collocation space with AT&T. The acceptance walk-through will be scheduled on a mutually agreed upon date. Any material deviations from mutually agreed Application specifications may be noted by the Physical Collocator as exceptions, which to qualify as exceptions, must be agreed to as exceptions by AT&T. The agreed upon exceptions shall be corrected by AT&T by a mutually agreed upon date. The correction of these exceptions shall be at AT&T's expense. AT&T will then establish a new Space Ready Date.
- 10.3 Upon completion of corrections described in Section 10.2, AT&T will again notify the Physical Collocator that the Dedicated Space is ready for occupancy and the Parties will, upon Collocator's request, conduct a follow-up acceptance walk-through as set forth in this Section. This follow-up acceptance walkthrough will be limited to only those corrections identified and agreed to by the Parties in the initial walkthrough, as described in Section 10.2 above. If a follow-up acceptance walk-through is not requested by the Physical Collocator within 15 calendar days, the Space Ready Date shall be deemed to be the Delivery Date. If a follow-up acceptance walk-through is requested, but no continuing material exceptions are mutually agreed upon at the follow-up walk-through, the Delivery Date will be deemed to be the date of the follow-up acceptance walk-through. If a follow-up acceptance walk-through is requested, and material exceptions are mutually agreed upon at the follow-up walk-through, the Delivery Date will be deemed to be the date upon which the Physical Collocator accepts all corrections to such exceptions, which acceptance shall not be unreasonably withheld.
- 10.4 All charges to the Physical Collocator will begin to accrue on the Effective Billing Date, regardless of any failure by Collocator to complete its work or occupy the space. In the case of the termination of this Agreement prior to term, or the early termination of any Collocation services, AT&T shall be entitled to full payment within thirty (30) calendar days of such expiration or termination for all services performed and expenses accrued or incurred that AT&T is entitled to recover under the provisions of this Attachment for establishing such Collocation arrangement prior to such expiration or termination.
- 10.5 If the Physical Collocator cancels or abandons its Collocation space in any of AT&T COs before AT&T has recovered the full cost associated with providing that space to the Physical Collocator, the amount of any such remaining costs shall become immediately due and payable within thirty (30) calendar days after the Physical Collocator abandons that space.
- 10.6 The Physical Collocator shall notify AT&T in writing that its Collocation equipment installation is complete. For purposes of this Section, the Collocator's Telecommunications Equipment is considered to be operational and Interconnected when it is connected to either AT&T's network or interconnected to another Third Party Collocator's equipment that resides within the same structure, provided the Third Party Collocator's equipment is used for Interconnection with AT&T's network or to obtain access to AT&T's 251(c)(3) UNEs. For the purpose of this Attachment, AT&T may refuse to accept any orders for cross-connects until it has received such notice from Physical the Collocator.
- 10.7 Early Space Acceptance:
- 10.7.1 If Physical Collocator decides to occupy the Collocation space prior to the Space Ready Date, the date Physical Collocator executes the Agreement for "Customer Access and Acceptance to Unfinished Collocation Space" is the date that will be deemed the space acceptance date and billing will begin from that date.
- 10.7.2 The Physical Collocator will, whenever possible, place its Telecommunications Equipment in the Collocation space within thirty (30) calendar days of space turnover. Operational Telecommunications Equipment must be placed in the Dedicated Space and interconnected to AT&T's network pursuant to Section 251(c)(2) or used to obtain access to AT&T 251(c)(3) UNEs within one hundred eighty (180) calendar days after receipt

of Notice that AT&T has completed its work as required by the complete and accurate Collocation Application.

10.8 Reclamation of Dedicated Space:

10.8.1 If the Physical Collocator fails to place operational Telecommunications Equipment in the Dedicated Space to Interconnect with AT&T to obtain access to AT&T 251(c)(3) UNEs meeting all the requirements of Section 5.1 above and 10.7 above and the space is needed to meet customer demand (filed application for space, accompanied by all fees) for another Collocator or to avoid construction of a building addition, then AT&T has the right to reclaim the Dedicated Space. AT&T will send the Physical Collocator written Notice of its intent to terminate the Physical Collocator's Collocation arrangement in the prepared Dedicated Space within ten (10) Business Days after the notice date. If the Physical Collocator does not place operational Telecommunications Equipment in the Dedicated Space and interconnect with AT&T or obtain access to AT&T 251(c)(3) UNEs by that tenth (10th) Business Day then the Collocation is deemed terminated and the Physical Collocator shall be liable in an amount equal to the unpaid balance of the applicable charges.

10.8.2 If the Physical Collocator causes AT&T to prepare the Dedicated Space and then the Physical Collocator does not use the Dedicated Space (or all of the Dedicated Space), the Physical Collocator will pay AT&T the monthly recurring and other applicable charges as if the Physical Collocator were using the entire Dedicated Space, until such time as the Physical Collocator submits a complete and accurate decommissioning Application, and the decommissioning process is completed as required.

11.0 Efficiently Used

11.1 Orders for additional space will not be accepted until the Collocator's existing Collocation space in the requested Eligible Structure is Efficiently Used (as defined in Section 2 this Attachment) except to the extent the Collocator establishes to AT&T's satisfaction that the Collocator's apparent inefficient use of space is caused by the CLEC holding Unused Space for future use on the same basis that AT&T holds Unused Space for future use.

11.2 Orders for additional CFAs will not be accepted until the specific CFA type requested (e.g. DS0, DS1, fiber, etc.) in the requested Eligible Structure is Efficiently Used. The determination as to whether this criterion is met or necessary is solely within the reasonable judgment of AT&T.

12.0 Relocation

12.1 AT&T Requested Relocation:

12.1.1 When AT&T determines, in order to be compliant with zoning changes, condemnation, or government order or regulation, that it is necessary for the Dedicated Space to be moved, AT&T will provide written notice to the resident Collocator(s) within five (5) Business Days of the determination to move the location. Such a determination may affect movement from an Eligible Structure to another Eligible Structure, or from an Adjacent Space Collocation structure to a different Adjacent Space Collocation structure or and Adjacent Space Collocation structure to an Eligible Structure.

12.1.2 If the relocation occurs for reasons other than an emergency, AT&T will provide the resident Collocator(s) with at least one hundred eighty (180) calendar days advance written Notice prior to the relocation.

12.1.3 An Application will be required by the Collocator for the arrangement of the new Dedicated Space and/or the new Telecommunications Equipment Space. The Collocator will not be required to pay any Application fees associated with the relocation described in this Section 12.1.

12.1.4 The Collocator shall be responsible for the costs for the preparation of the new Telecommunications Equipment Space and Dedicated Space at the new location or an adjacent space Collocation structure if such relocation arises from circumstances beyond the reasonable control of AT&T, including zoning changes, condemnation or government order or regulation that makes the continued occupancy or use of the Dedicated Space or the Eligible Structure in which the Dedicated Space is located or the adjacent space Collocation structure for the purpose then used, uneconomical in AT&T's reasonable discretion.

12.1.5 A Collocator's presence in AT&T COs or adjacent space Collocation structures must not prevent AT&T from making a reasonable business decision regarding building expansions or additions to the number of COs required to conduct its business or its locations.

12.2 CLEC Requested Relocation:

12.2.1 If the Physical Collocator requests that the Dedicated Space and/or Telecommunications Equipment space, be moved within the Eligible Structure in which the Dedicated Space is located, to another Eligible Structure, from an Adjacent Space Collocation structure, (as described in Section 5.4 above) to a different Adjacent Space Collocation structure or to an Eligible Structure, AT&T shall permit the Collocator to relocate the Dedicated Space or Adjacent Space Collocation structure, subject to availability of space and technical feasibility.

12.2.2 A new Application will be required for the new Dedicated Space and the Application fee shall apply.

12.2.3 The Collocator shall be responsible for all applicable charges associated with the move, including the re-installation of its equipment and facilities and the preparation of the new Telecommunications Equipment space, and Dedicated Space, or Adjacent Space Collocation structure as applicable. In any such event, the new Dedicated Space shall be deemed the Dedicated Space and the new Eligible Structure (where applicable) shall be deemed the Eligible Structure in which the Dedicated Space is located and the new Adjacent Space Collocation structure shall be deemed the Adjacent Space Collocation structure.

12.3 Virtual to Physical Relocation:

12.3.1 In the event Physical Collocation space was previously denied in an AT&T CO, due to technical reasons or space limitations, and Physical Collocation Space has subsequently become available, Collocator may relocate its existing Virtual Collocation arrangement(s) to a Physical Collocation arrangement(s).

12.3.2 Collocator must arrange with a AT&T AIS Tier 1 for the relocation of equipment from a Virtual Collocation space to a Physical Collocation space and will bear the cost of such relocation, including the costs associated with moving the services from the Virtual Collocation space to the new Physical Collocation space.

13.0 Complete Space Discontinuance

13.1 Collocator Requested Termination of the Collocation Space:

13.1.1 The Collocator may terminate its occupancy of a particular Collocation space which includes the removal of all equipment, equipment bays, interconnection facilities (e.g., power, timing, grounding and interconnection cabling) and Collocator infrastructure installed within its Collocation space. The Collocator is required to provide a complete and accurate Collocation Application requesting to terminate its existing Collocation Arrangement (see AT&T's CLEC Online website for the appropriate form).

13.1.2 The Collocator and the Physical Collocator's Guest(s) shall have thirty (30) calendar days from the BFFO date or a date mutually agreed to by the Parties ("Termination Date") to vacate the Collocation Space. Unless the Physical Collocator's Guest(s) have assumed responsibility for the Collocation space housing the Guest(s)'s equipment and executed the appropriate documentation required by AT&T (see Space Reassignment section 13.2 below) to transfer the Collocation Space to the Guest(s) prior to Collocator's Termination Date then the Physical Collocator must insure the removal of all the Guest(s) equipment and facilities by the Termination Date.

13.1.3 Upon termination the Collocation Space will revert back to AT&T's space inventory.

13.1.4 The Collocator shall return the Collocation space to AT&T in the same condition as when it was first occupied by Collocator, with the exception of ordinary wear and tear.

13.1.5 Collocator's AT&T AIS shall be responsible for informing AT&T personnel of any required updates and/or changes to AT&T's records that are required in accordance with AT&T's TP specifications.

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- 13.1.6 The Collocator shall be responsible for the cost of removing any Collocator constructed enclosure, as well as any CLEC installed supporting structures (e.g., racking, conduits, power cables, etc.), by the Termination Date.
- 13.1.7 Any equipment not removed by the Termination Date by the Collocator will be removed and disposed of by AT&T at the expense of the Collocator.
- 13.1.8 Upon termination of occupancy, Collocator, at its sole expense, shall remove its equipment and any other property owned, leased or controlled by Collocator from the Collocation Space
- 13.1.9 The Virtual Collocator will work cooperatively with AT&T to remove the Collocator's equipment and facilities via use of AT&T AIS from AT&T's property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the Eligible Structure. AT&T is not responsible for and will not guarantee the condition of such equipment removed by any Party.
- 13.1.10 The Virtual Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping.
- 13.1.11 Upon termination of the Collocation Space, the Collocator must remove the entrance cable used for the Collocation arrangement. If the entrance cable is not scheduled for removal within seven (7) calendar days after removal of the Collocation equipment, AT&T may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when AT&T instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the CO.
- 13.2 Space Reassignment also known as Transfer of Ownership:
- 13.2.1 In lieu of submitting an Application to terminate a Collocation Arrangement, as described above, the Collocator ("Exiting Collocator") may reassign the Collocation Arrangement to another Collocator ("Collocator Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Collocation Arrangement may not occur without the written consent of AT&T. In order to request consent to assign a Collocation Arrangement, either the Collocator Assignee or Exiting Collocator must submit a Collocation Application on behalf of both the Exiting Collocator and Collocator Assignee. Space Reassignment shall be subject to the following terms and conditions:
- 13.2.1.1 Collocator Assignee must, as of the date of submission of the Collocation Application, have an approved Interconnection Agreement with AT&T.
- 13.2.1.2 Exiting Collocator will be liable to pay all NRCs and MRCs Collocation charges on the Collocation Arrangement to be reassigned until the date AT&T turns over the Collocation Arrangement to the Collocator Assignee. Any disputed charges shall be subject to the Dispute Resolution Process in the GT&Cs of this Agreement. AT&T's obligation to turn over the Collocation Arrangement shall not arise until all undisputed charges are paid. Collocator Assignee's obligation to pay MRCs for a Collocation Arrangement will begin on the date AT&T makes available the Collocation Arrangement to the Collocator Assignee.
- 13.2.1.3 An Exiting Collocator may not reassign Collocation space in an Eligible Structure where a waiting list exists for Collocation space, unless all Collocator's on the waiting list above the Collocator Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger or complete purchase of the Exiting Collocator's assets.
- 13.2.1.4 Collocator Assignee will defend and indemnify AT&T from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the reassignment of any Collocation Arrangement(s) or otherwise claims a right to the space subject to the reassignment.

- 13.2.2 Collocator Assignee or the Exiting Collocator shall submit one (1) complete and accurate Application for each Collocation Arrangement. The Exiting Collocator must ensure that the Collocator Assignee complies with the following: Collocator Assignee submits a complete and accurate Application for a Collocation Arrangement, Collocator Assignee represents warrants and agrees that it has obtained an executed sale or lease agreement for and holds proper title to all non-AT&T equipment and other items in or otherwise associated with each Collocation Arrangement. Collocator Assignee further agrees to indemnify and hold AT&T harmless from any Third Party claims involving allegations that Collocator Assignee does not hold proper title to such non-AT&T equipment and other items.
- 13.2.3 AT&T in its response to the Application will provide a price quote. Collocator Assignee must pay one-hundred percent (100%) of all NRCs in the price quote before AT&T begins to convert the Collocation Arrangement being reassigned. Once Collocator Assignee has paid one-hundred percent (100%) of all such NRCs, AT&T shall finish the work to convert the space within thirty (30) calendar days. AT&T and Collocator Assignee will coordinate all conversion work to ensure that the End Users of Collocator Assignee will have minimal, if any, disruption of service during such conversion.
- 13.2.4 Collocator Assignee may submit a security application for access to a Collocation Arrangement simultaneously with the Collocation Application. If a completed security application is provided at the time the Collocation Application is filed, the security cards will be made available at the time that the Collocation space is turned over. If the security application is not provided at the time that the Collocation Application is filed, then Collocator Assignee may submit a security application for access at any time and the terms and conditions as provided in Section 4.11 above will apply. In no event will the security cards be provided to the Collocator Assignee before the assigned space is turned over.
- 13.2.5 Collocator Assignee assumes each Collocation Arrangement “as is” which means that AT&T will make no changes to the Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Collocation Arrangement by Collocator Assignee must be submitted via a separate augment Application (as provided by the Collocator Assignee’s ICA).
- 13.3 Interconnection Termination Reduction:
- 13.3.1 The Collocator may request a reduction of the existing amount of Interconnection terminations that service a Collocation Arrangement. The Collocator shall submit an augment Application in order to process this request. The Collocator must maintain at least one minimum Interconnection arrangement.
- 13.3.2 Interconnection termination reduction requests may require the disconnection and removal of interconnection cable. AT&T will perform the interconnection cable removal work above the rack level at the applicable fees referenced in the Pricing Schedule. Within thirty (30) calendar days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Collocation Arrangement, the Collocator must remove terminations at both ends of the interconnection cable and cut and cap cables up to the AT&T rack level. Collocator must use the AT&T AIS for this procedure and AT&T AIS must follow the appropriate TP found on AT&T CLEC Online website.
- 14.0 Fiber Optic Cable and Demarcation Point**
- 14.1 Fiber Optic Cable Entrance Facilities:
- 14.1.1 Collocator will utilize the Application process described within this attachment for entrance facility requests. All rate elements for Collocator Entrance Facility can be found in the Pricing Schedule.
- 14.1.2 The Collocator is responsible for bringing its entrance facilities to the entrance manhole(s) designated by AT&T, and leaving sufficient length of the cable in the manhole for AT&T to fully extend the Collocator-provided facilities to the designated point in the cable vault.
- 14.1.2.1 The Physical Collocator’s AT&T AIS Tier 1 will extend the Collocator provided fiber entrance cable from the cable vault to the Physical Collocation Dedicated Space.
- 14.1.2.2 For a Virtual Collocation arrangement AT&T will splice the Collocator provided entrance fiber to an AT&T fiber cable terminated on AT&T’s Fiber distribution frame.

- 14.2 If the Collocator has not left the cable in the manhole within one hundred twenty (120) calendar days of the request for entrance fiber, the Collocator's request for entrance fiber will expire and a new Application must be submitted along with applicable fees. The Collocator may request an additional thirty (30) calendar day extension by notifying AT&T, no later than fifteen (15) calendar days prior to the end of the 120 calendar day period mentioned above, of the need of the extension for the Collocator to place cable at the manhole.
- 14.3 The Collocator shall use a dielectric Optical Fiber Non-conductive Riser-rated (OFNR) fiber cable as the transmission medium to the Dedicated Space for Physical or to the AT&T designated splice point for Virtual. In addition, AT&T requires this fiber to be yellow or black with yellow striped sheath.
- 14.4 The Collocator, where not impractical for technical reasons and where space is available, may use Microwave Entrance Facility Collocation pursuant to the Microwave Attachment.
- 14.5 Copper or coaxial cable will only be permitted to be utilized as the transmission medium where the Collocator can demonstrate to AT&T or the Commission that use of such cable will not impair AT&T's ability to service its own End Users or subsequent Collocators. Collocation requests utilizing copper or coaxial cable facilities will be provided as an Individual Case Basis (ICB).
- 14.6 AT&T shall provide a minimum of two separate points of entry into the Eligible Structure, where AT&T has at least two such entry points, there is sufficient space for new facilities in those entry points, and it is Technically Feasible.. Where such dual points of entry are not available, when AT&T performs work as is necessary to make available such separate points of entry for itself, at the same time it will accommodate the Collocator's request under this Section. The Collocator and AT&T shall share the costs incurred by prorating those costs using the number of cables to be placed in the entry point by both AT&T and the Collocator(s).
- 14.7 AT&T will also provide nondiscriminatory access where Technically Feasible and sufficient space exists, to any entry point into Eligible Structures in excess of two (2) points in those locations where AT&T also has access to more than two such entry points. Where AT&T performs such work in order to accommodate its own needs and those specified in the Collocator's written request, the Collocator and AT&T shall share the costs incurred by prorating those costs using the number of cables to be placed in the entry point by both AT&T and the Collocator(s).
- 15.0 Entrance Facility Conduit to Vault, Per Cable Sheath**
- 15.1 This facility represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the entrance cable is placed. Associated rates and charges can be found in the Pricing Schedule. All procedures for CLEC Entrance Facility Conduit can be found in the AT&T CLEC On-Line Handbook.
- 16.0 Virtual Collocation – Cooperative Responsibilities**
- 16.1 The Virtual Collocator will work cooperatively with AT&T to develop implementation plans including timelines associated with:
- 16.1.1 Placement of Collocator's fiber into the CO vault,
- 16.1.2 Location and completion of all splicing,
- 16.1.3 Completion of installation of equipment and facilities,
- 16.1.4 Removal of above facilities and equipment,
- 16.1.5 To the extent known, the Collocator can provide forecasted information to AT&T on anticipated additional Virtual Collocation requirements,
- 16.1.6 To the extent known, the Collocator is encouraged to provide AT&T with a listing of the equipment types that they plan to virtually collocate in AT&T's COs or CEVs, huts and cabinets. This cooperative effort will insure that AT&T personnel are properly trained on Collocator equipment.
- 16.2 Installation of Virtual Collocation Equipment:
- 16.2.1 AT&T does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

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- 16.2.2 **AT&T** will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between Collocation equipment.
- 16.2.3 In this arrangement, Telecommunications Equipment (also referred to herein as equipment) is furnished by the Collocator and engineered and installed by a **AT&T** AIS.
- 16.2.4 The Collocator and **AT&T** must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, **AT&T** will cooperatively test the collocated equipment and facilities with the Collocator.
- 16.3 **Repair & Maintenance of Equipment - Virtual Collocation Only:**
- 16.3.1 Except in emergency situations, the Collocator-owned fiber optic facilities and CO terminating equipment will be repaired only upon the request of the Collocator. In an emergency, **AT&T** may perform necessary repairs without prior notification. The labor rates specified in the Pricing Schedule apply to **AT&T** COs and **AT&T** CEVs, huts and cabinets and are applicable for all repairs performed by **AT&T** on the Collocator's facilities and equipment.
- 16.3.2 When initiating repair requests on Collocator owned equipment, the Collocator must provide **AT&T** with the location and identification of the equipment and a detailed description of the trouble.
- 16.3.3 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, **AT&T** will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.
- 16.3.4 The Collocator will request any and all maintenance by **AT&T** on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide **AT&T** with the location and identification of the equipment and a detailed description of the maintenance requested.
- 16.3.5 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, **AT&T** will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.
- 16.4 **Alarm Maintenance:**
- 16.4.1 The Collocator has the ability to purchase its own remote monitoring and alarming equipment.
- 16.4.2 Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, **AT&T** will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator with the option discussed for during emergencies.
- 17.0 Interconnection to Others within the same Eligible Structure**
- 17.1 Upon receipt of a BFFO, **AT&T** will permit the Collocator to construct, via an **AT&T** AIS Tier 1, direct connection facilities, (also known as Collo-to-Collo) to the Collocator's own Physical/Virtual Collocation arrangement and/or another Third Party Physical/Virtual Collocator's Collocation arrangement within the same Eligible Structure. The Collocator may use either copper or optical facilities between the collocated equipment in the same Eligible Structure, subject to the same reasonable safety requirements that **AT&T** imposes on its own equipment.
- 17.1.1 The Collocator is prohibited from using the Collocation space for the sole or primary purpose of cross-connecting to Third Party collocated Telecommunications Carrier's.
- 17.1.2 The Collocator must utilize an **AT&T** AIS Tier 1 to place the CLEC to CLEC connection.
- 17.1.3 The CLEC to CLEC connection shall be provisioned using facilities owned by Collocator.
- 17.1.4 With their Application the Collocator shall provide a Letter of Authorization (LOA) from the Third Party collocated Telecommunications Carrier to which the Collocator will be cross-connecting.
- 17.1.5 The CLEC to CLEC connection shall utilize **AT&T** common cable support structure and will be billed for the use of such structure according to rates in the Pricing Schedule.

18.0 Extraordinary Charges, Special Construction and Custom Work / ICB Charges

- 18.1 Extraordinary Charges - Collocator will be responsible for all extraordinary construction costs, incurred by **AT&T** to prepare the Collocation space for the installation of Collocator's equipment and for extraordinary costs to maintain the Collocation space for Collocator's equipment on a going-forward basis. Extraordinary costs may include costs for such items as asbestos removal, fire suppression system or containment, modifications or expansion of cable entry facility, increasing the DC power system infrastructure capacity, increasing the capacity of the AC system (if available), or of the existing commercial power facility, installation, maintenance, repair, monitoring of securing measures, conversion of non-Collocation space, or other modifications required by local ordinances. Ordinary costs may become extraordinary by their unusual nature (e.g. volume that is substantially beyond the average or typical Collocation arrangement or request) or its infrequency of occurrence (e.g. construction that will benefit only the requesting Collocator).
- 18.1.1 **AT&T** may charge a recurring and a non-recurring fee for extraordinary costs on a time-sensitive or time-and-materials basis.
- 18.1.2 An estimate of such costs plus contribution will be provided to the Collocator prior to **AT&T** commencing such work.
- 18.1.3 **AT&T** must advise Collocator if extraordinary costs will be incurred within twenty (20) Business Days of the Collocator's complete and accurate Application.
- 18.1.4 Extraordinary costs will only be billed upon receipt of the signed acceptance of **AT&T**'s price quote. Construction will not begin until receipt of the Collocator's signed acceptance.
- 18.1.5 Special Construction and/or Custom work may not be charged to Collocator for any work performed which will benefit or be used by **AT&T** or other Collocators except on a pro-rated basis where reasonable.

19.0 DC Power Arrangement Provisioning and Power Reduction

- 19.1 In a CO **AT&T** shall make available -48V DC power to serve the Collocator's equipment. When obtaining DC power from an **AT&T** Power Source (BDFB or Power Plant), Collocator's fuses and power cables (for the A & B feeds) must be engineered (sized), and installed by Collocator's **AT&T** AIS Tier 1, in accordance with the number of DC amps requested by Collocator on Collocator's Initial Application or any Subsequent Applications. Collocator is also responsible for contracting with an **AT&T** AIS Tier 1 to run the power distribution feeder cable from the **AT&T** Power Source to the equipment in Collocator's Collocation arrangement. The **AT&T** AIS Tier 1 contracted by Collocator must provide **AT&T** with a copy of the engineering power specifications prior to the day on which Collocator's equipment becomes operational (hereinafter "Commencement Date"). **AT&T** will provide the common power feeder cable support structure between the AT&T Power Source and Collocator's Collocation arrangement. Collocator shall contract with an **AT&T** AIS Tier 1 who shall be responsible for performing those power provisioning activities required to enable Collocator's equipment to become operational, which may include, but are not limited to, the installation, removal or replacement of the following: dedicated power cable support structure within Collocator's Collocation arrangement, power cable feeds and terminations of the power cabling. Collocator and Collocator's **AT&T** AIS Tier 1 shall comply with all applicable NEC, AT&T TP-76300, Telcordia and ANSI Standards that address power cabling, installation and maintenance.
- 19.2 **AT&T** will permit Collocator to request DC power in five (5) amp increments from five (5) amps up to forty (40) amps. Above forty amps, DC power will be provisioned in ten (10) amp increments up to one hundred (100) amps from the **AT&T** Power source.
- 19.3 Collocator Interconnect Power Panel (CIPP) – (Options):
- 19.3.1 A Collocator Interconnect Power Panel (CIPP) with maximum 200 amp capacity may be ordered from **AT&T** or an equivalent panel provided by the Collocator's **AT&T** AIS Tier 1. At least one (1) DC power panel is required with each application requiring DC Power when designed to provide between 50 and 200 amps per feed of DC current. However the Collocator may substitute the required power panel with an equivalent power panel subject to meeting NEBS Level 1 Safety and review by **AT&T** technical support. See the Collocation Handbook for additional information.

- 19.4 Eligible Structure Ground Cable Arrangement, Each:
- 19.4.1 The ground cable arrangement is the cabling arrangement designed to provide grounding for equipment within the Collocator's Dedicated Space. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. AT&T provides an Integrated Ground Plane to serve the Collocator's equipment in the same manner as AT&T equipment. Requests for an "Isolated" Ground Plane will be treated on an ICB basis.
- 19.5 Power Reduction:
- 19.5.1 The Collocator may request to decrease the amount of existing power available to a Collocation Arrangement. This can be done either by disconnecting and removing a power cable feed or by replacing the existing fuse with a fuse of a lower breakdown rating on a power cable feed. If the Collocator desires to disconnect a power arrangement (A&B feed), the Collocator will be responsible for hiring an AT&T AIS Tier 1 to remove the terminations at both ends of the power cable feed and cut cables up to the AT&T rack level that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuse that serves the A&B feeds at the AT&T power source. In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A&B feed) to service their Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.
- 19.5.2 If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A&B feed) rather than disconnect and remove cable to an existing power arrangement, they may only reduce the fuse size to the lowest power amp increment offered in this Attachment referenced in 19.2 above. Different minimum amp increments apply for power arrangements fed from either an AT&T BDFB or an AT&T power plant. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in the Pricing Schedule will apply. When the Collocator has only one power arrangement (A&B feed) serving their Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.
- 19.5.3 When a power reduction request involves a fuse change only on a power arrangement serviced from the AT&T BDFB (e.g. power arrangements less than or equal to a fifty (50) amp A feed and a fifty (50) amp B feed) the Collocator must hire an AT&T AIS Tier 1 to coordinate fuse changes at the AT&T BDFB. Applicable fees referenced in Pricing Schedule will still apply. When a power reduction request involves a fuse change on a power arrangement serviced from the AT&T Power Plant (e.g. power arrangements consisting of a one-hundred (100) amp A feed and a one-hundred (100) amp B feed and above), the Collocator must hire an AT&T AIS Tier 1 power supplier to coordinate the fuse changes at the AT&T power plant.
- 19.5.4 When a power reduction request requires disconnecting and removing a power cable feed from either the AT&T's BDFB (Battery Distribution Fuse Bay) or power plant, the AT&T AIS Tier 1 will perform the power cable removal work up to the rack level. Applicable fees referenced in Pricing Schedule will apply. Within thirty (30) calendar days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity:
- 19.5.4.1 Remove terminations at both ends of the power cable feed and cut cables up to the AT&T rack level. Collocator must use a AT&T AIS Tier 1 for this procedure and that supplier must follow TP76300 guidelines for cutting and capping the cable at the rack level.
- 19.6 When the Collocator has multiple power arrangement serving a Collocation Arrangement (e.g., one power arrangement consisting of fifty (50) amps on the A feed and fifty (50) amps on the B feed and a second power arrangement consisting of twenty (20) amps on the A feed and twenty (20) amps on the B feed), the Collocator has the option of either fusing down the fifty (50) amp power arrangement (A&B feed) or disconnecting and removing the power cable feed from the fifty (50) amp power arrangement (A&B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A&B feed), then the charges referenced in Pricing Schedule will apply. If the Collocator has multiple power arrangements (A&B feed) where they can request both a

fuse reduction and a power cable removal for one Collocation Arrangement [e.g. reduce one power arrangement from fifty (50) amps (A&B feed) to twenty (20) amps (A&B feed) and remove the power cable from a second power arrangement from fifty (50) amps (A&B feed) to 5 amps (A&B feed)], then the project management fee for power cable removal referenced in the Pricing Schedule will apply in addition to the individual charges referenced in the Pricing Schedule associated with the overall power reduction request.

- 19.7 For any power reduction request (one which involves either a disconnect and removal, re-fusing only, or a combination of the two), the Collocator must submit an augment application for this request along with the appropriate application and project management fees referenced in the Pricing Schedule. The same Augment intervals that are outlined in this Attachment for adding power will apply to power reduction requests.

20.0 Collocation In CEV'S, HUTS And CABINETS

- 20.1 Remote Terminals - When the requirements of this Agreement are met, collocation will be allowed in Controlled Environmental Vaults (CEV's), Huts and Cabinets and other **AT&T** owned or controlled premises where Collocation is practical and Technically Feasible, e.g. where heat dissipation is not severely limited and there is sufficient space for Collocator's equipment.
- 20.2 **AT&T-13STATE** will assign space in a RT in two-inch vertical mounting space increments within a CEV, Hut or cabinet for the placement of Collocator's equipment. The number of two-inch vertical mounting spaces required is determined by the size of the equipment to be placed plus additional space required for heat dissipation and ventilation of the equipment to be placed in adjacent equipment. Refer to the Pricing Schedule for rates.
- 20.3 **AT&T SOUTHEAST REGION 9-STATE** will also assign space in a RT in single bay increments within a CEV, Hut or cabinet for the placement of Collocator's equipment. The number of bays required is determined by the size of the equipment to be placed plus additional space required for heat dissipation and ventilation of the equipment to be placed in adjacent equipment. Refer to the Pricing Schedule for rates and charges.
- 20.4 **AT&T**: RT Collocation Arrangements - **AT&T** shall make available -48V DC power for Collocator's RT Collocation arrangement at an **AT&T** power source within the RT. The charge for power shall be assessed as part of the MRCs per the [Pricing Schedule](#). If the power requirements for Collocator's equipment exceed the capacity available, then such additional power requirements shall be assessed on an individual case basis.

APPENDIX POLES, CONDUITS, AND RIGHTS-OF-WAY

MASTER AGREEMENT FOR ACCESS TO POLES, DUCTS, CONDUITS, AND RIGHTS-OF-WAY

This Appendix is made by and between Southwestern Bell Telephone Company, d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Texas, Illinois Bell Telephone Company d/b/a AT&T Illinois; Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Ohio Bell Telephone Company d/b/a AT&T Ohio; and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin ("collectively AT&T") and Navigator Telecommunications, LLC. ("CLEC"). As provided in this Appendix, AT&T will provide CLEC nondiscriminatory access, in accordance with the Pole Attachment Act, the Telecommunications Act of 1996, and applicable rules, regulations, and commission orders, to poles, ducts, conduits, and rights-of-way owned or controlled by AT&T and located in this state.

ARTICLE 1: PARTIES

- 1.01 AT&T's principal office is located at One AT&T Plaza, 208 S. Akard, Dallas, TX 75202.
- 1.02 Navigator Telecommunications, LLC. Navigator Telecommunications, LLC ("CLEC") is a corporation chartered in the State of Arkansas. CLEC maintains an office at 8525 Riverwood Park Drive, North Little Rock, AR 72113. CLEC is more fully described in EXHIBIT II ("Identification of CLEC").

ARTICLE 2: PURPOSE OF APPENDIX

The Communications Act of 1934, as amended by the Telecommunications Act of 1996, states that each local exchange carrier has the duty to afford access to the poles, ducts, conduits, and rights-of-way of such carrier on rates, terms, and conditions that are consistent with the Pole Attachment Act, 47 U.S.C. § 224, as amended by the Telecommunications Act of 1996. The primary purpose of this Appendix is to set forth the basic rates, terms, conditions, and procedures under which CLEC shall have access to AT&T's poles, ducts, conduits, and rights-of-way. AT&T shall provide CLEC with nondiscriminatory access to poles, ducts, conduits, or rights-of-way owned solely or in part by it, or controlled by it, as the term "nondiscriminatory access" is defined in the Telecommunications Act of 1996. This Appendix is intended by the parties to implement, rather than abridge, their respective rights and remedies under federal and state law.

- 2.01 Access Ancillary to Arrangements for Interconnection, Collocation, and Access to Unbundled Network Elements. Nothing contained in this Appendix shall be construed as precluding CLEC from having such additional access to AT&T's poles, ducts, conduits, and rights-of-way as may be necessary to effectuate the terms of other arrangements between CLEC and AT&T relating to interconnection, collocation, and access to unbundled network elements. To the extent that this Appendix does not provide the access required, additional terms of access may be included in any tariff or agreement between the parties establishing arrangements for interconnection, collocation, or access to unbundled network elements.

ARTICLE 3: DEFINITIONS

- 3.01 Definitions In General. As used in this Appendix, the terms defined in this article shall have the meanings set forth below in Sections 3.02 to 3.48 except as the context otherwise requires.
- 3.02 Anchor. The term "anchor" refers to a device, structure, or assembly which stabilizes a pole and holds it in place. An anchor assembly may consist of a rod and fixed object or plate, typically embedded in the ground, which is attached to a guy strand or guy wire which, in turn, is attached to the pole. The term "anchor" does not include the guy stand which connects the anchor to the pole.
- 3.03 Appendix. When capitalized, the term "Appendix" refers to this Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way. The term "Appendix" includes all appendices, attachments, and addenda to this Appendix.

- 3.04 Assigned. When used with respect to pole, duct, conduit, or right-of-way space, the term “assigned” refers to space that is occupied by, or has been designated for occupancy by, either party or by another telecommunications carrier, cable television system, provider of telecommunications services, governmental entity, or other person or entity having occupancy rights. Except as otherwise specifically provided in this Appendix, no person or entity shall have the right to occupy space assigned to another person or entity (other than on a temporary basis in the event of emergency) until the assignment has been released or lapsed. Assignment is further described in Article 8 of this Appendix.
- 3.05 Authorized contractor. “Authorized contractors” are contractors selected by CLEC who may, subject to CLEC’s direction and control, perform facilities modification or make-ready work which would ordinarily be performed by AT&T or persons acting on AT&T’s behalf. As used in this Appendix, the term “authorized contractor” does not refer to contractors performing routine installation, maintenance, or repair work on CLEC’s behalf or other contractors who may be selected by CLEC to perform work on CLEC’s behalf without AT&T’s approval. More specifically, the term “authorized contractor” refers only to those contractors included on a list of contractors mutually approved by CLEC and AT&T to perform one or more of the following tasks within a specified AT&T construction district: (a) installation of those sections of CLEC’s ducts or facilities which connect to AT&T’s conduit system as provided in Section 6.08(c); (b) installation of inner duct as provided in Section 10.02(b); (c) excavation work in connection with the removal of retired or inactive (dead) cables as provided in Section 10.02(c); or (d) make-ready work as provided in Sections 10.04 and 10.05. A person or entity approved as an authorized contractor is only an authorized contractor with respect to those tasks for which such person or entity has been approved by both parties and is an authorized contractor only in those AT&T construction districts agreed to by both parties. Designation of an authorized contractor for a specific category of tasks shall not be deemed to be the designation of such person or entity as an authorized contractor for other purposes, nor shall approval of an authorized contractor by one AT&T construction district constitute approval of such authorized contractor for the area served by a different AT&T construction district; provided, however, that if a specific construction job extends beyond the boundaries of a single construction district, an authorized contractor shall, for the purposes of that job, be deemed to have been approved by all AT&T construction districts in which the work is to be performed.
- 3.06 Available. When used with respect to pole, duct, conduit, and right-of-way space, the term “available” refers to space that is not occupied or assigned. In conduit systems owned or controlled by AT&T, maintenance ducts shall not be considered “available” for assignment. All other unassigned ducts, inner ducts, sub-ducts, and partitioned conduits in a conduit system owned or controlled by AT&T shall be deemed available for assignment.
- 3.07 Cables. The term “cable” includes but is not limited to twisted-pair copper, coaxial, and fiber optic cables. Cables are transmissions media which may be attached to or placed in poles, ducts, conduits, and rights-of-way but are not themselves poles, ducts, conduits, or rights-of-way. Nothing contained in this Appendix shall be construed as a grant of access to cables attached to AT&T’s poles or placed in AT&T’s ducts, conduits, or rights-of-way.
- 3.08 Conduit. The term “conduit” refers to all AT&T conduits subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, conduits are tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. Except as the context otherwise requires, the term “conduit” refers only to conduit owned or controlled by AT&T, including the re-enterable manholes and handholes used to connect ducts and provide access to the cables, wires, and facilities within the ducts. As used in this Appendix, the term “conduit” refers only to conduit structures (including ducts, manholes, and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other AT&T structures (such as huts and cabinets) which branch off from AT&T’s conduit.
- 3.09 Conduit occupancy. The term “conduit occupancy” refers to the presence of wire, cable, optical conductors, or other within any part of AT&T’s conduit system.

- 3.10 Conduit system. The term "conduit system" refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Appendix, the term "conduit system" refers only to conduit systems owned, or controlled by AT&T and does not include (a) cables and other telecommunications equipment located within conduit structures (b) central office vaults, controlled environment vaults, or other AT&T structures (such as huts and cabinets) which branch off from AT&T's conduit or (c) isolated pipe and ducts not connected to the conduit system.
- 3.11 Construction District. The term "construction district" refers to the AT&T organization responsible for outside plant construction in a specified geographic area. The term "construction district" connotes responsibility for handling a function and not to the official name of the organization responsible for outside plant construction matters.
- 3.12 Cost/Cost-based. The terms "cost" and "costs" refer to costs determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. The term "cost-based" refers to rates, fees, and other charges which are based on costs and determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders.
- 3.13 Duct. The term "duct" refers to all AT&T ducts subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, a duct is a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other facilities. As used in this Appendix, the term "duct" includes "inner ducts" created by subdividing a duct into smaller channels. Except as the context otherwise requires, the term "duct" refers only to ducts owned or controlled by AT&T and space within those ducts and does not include cables and other telecommunications equipment located within such ducts.
- 3.14 Exhibit. The capitalized term "EXHIBIT" refers to one of the following exhibits to this Appendix.
- EXHIBIT I: Pole and Conduit Attachment Rates
 - EXHIBIT II: Identification of CLEC
 - EXHIBIT III: Administrative Forms and Notices
 - SW-9433: Pole Attachments
 - SW-9434: Access Application and Make-Ready Authorization Work
 - SW-9435: Conduit Occupancy
 - SW-9436A: Notification of Surrender or Modification of Pole Attachment License by Licensee
 - SW-9436B: Notification of Surrender or Modification of Conduit Occupancy License by CLEC
 - SW-9436C: Notification of Unauthorized Attachments by CLEC
 - EXHIBIT IV: Insurance Requirements
 - EXHIBIT V: Nondisclosure Agreement
 - EXHIBIT VII: Notices to AT&T
 - EXHIBIT VIII: Identification of Utility Liaison Supervisor (ULS)
- 3.15 Facilities. The terms "facility" and "facilities" refer to any property, equipment, or items owned or controlled by any person or entity.
- 3.16 FCC. The acronym "FCC" refers to the Federal Communications Commission.
- 3.17 First Interconnection Order. The term "First Interconnection Order" refers to the First Report and Order adopted by the FCC on September 1, 1996, and released on September 8, 1996, in CC Docket No. 96-98, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 and

CC Docket No. 95-185, In the Matter of Interconnection between Local Exchange Carriers and Commercial Mobile Radio Service Providers. Access to poles, ducts, conduits, and rights-of-way is addressed in the First Interconnection Order in Paragraphs 1119-1240.

- 3.18 Handhole. The term “handhole” refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Appendix, the term “handhole” refers only to handholes which are part of AT&T’s conduit system and does not refer to handholes which provide access to buried cables not housed within AT&T ducts or conduits. As used in this Appendix, the term “handhole” refers only to handhole structures owned or controlled by AT&T and does not include cables and other telecommunications equipment located within handhole structures.
- 3.20 Interconnection agreement. The term “interconnection agreement” refers to the interconnection agreement, if any, to which this Appendix has been made an appendix, attachment, or exhibit, or, as the context may require, any other interconnection agreement between the parties.
- 3.21 Jacket. The term “jacket” refers to a single enclosed outer covering containing communications wires, fibers, or other communications media. As used in this Appendix, the term “jacket” refers to the outermost sheath or jacket of a cable.
- 3.22 Joint user. The term “joint user” refers to any person or entity which has entered or may enter into an agreement or arrangement with AT&T permitting it to attach its facilities to AT&T’s poles or anchors or place its facilities in AT&T’s conduit system.
- 3.23 License. The term “license” refers to a written instrument confirming that AT&T has afforded CLEC or another joint user access to specific space on or within a pole, duct, conduit, or right-of-way owned or controlled by AT&T in accordance with applicable federal and state laws and regulations. The term “license” includes licenses issued by AT&T pursuant to this Appendix and may, if the context requires, refer to licenses issued by AT&T prior to the date of this Appendix.
- 3.24 Local service provider (“LSP”). The terms “local service provider” and “LSP” refer to telecommunications carriers authorized by applicable federal and state laws and regulations to provide local exchange service. As used in this Appendix, these terms include AT&T.
- 3.25 Maintenance duct. The term “maintenance duct” generally refers to a full-sized duct (typically three inches in diameter or larger) which may be used by AT&T and joint users (including CLEC) on a short-term basis for maintenance, repair, or emergency restoration activities. Maintenance ducts will be available, on a nondiscriminatory basis, to all persons and entities (including AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located for (a) short-term emergency repairs as provided in Article 15 of this Appendix and (b) short-term non-emergency maintenance or repair activities as provided in Articles 12 and 13 of this Appendix. No more than one full-sized duct within any given conduit system cross-section shall be designated by AT&T as the maintenance duct. In those locations where, on the effective date of this Appendix, there is not a full-sized duct available to be used as a maintenance duct, AT&T will designate an inner duct, if one is available, as the maintenance duct although such inner duct may be too small to accommodate some of the cables occupying the conduit section in which such inner duct is located. The term “maintenance duct” does not include ducts and conduits extending from a AT&T manhole to customer premises. Maintenance ducts shall not be considered “available” (as defined in Section 3.06) for assignment to AT&T, CLEC, or joint users for purposes other than short-term use as contemplated in this section; provided, however, that AT&T may assign the duct currently designated as a maintenance duct if another suitable full-sized duct will be made available to serve as a replacement maintenance duct and may assign an inner duct currently designated as a maintenance duct if another inner duct will be made available to serve as a replacement maintenance duct. Maintenance duct designations may change from time to time and may or may not be reflected in AT&T’s outside plant records. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

- 3.26 Make-ready work. The term “make-ready work” refers to all work performed or to be performed to prepare AT&T’s poles, ducts, conduits, and rights-of-way and related facilities for the requested occupancy or attachment of CLEC’s facilities. Make-ready work does not include the actual installation of CLEC’s facilities. “Make-ready work” includes, but is not limited to, clearing obstructions (e.g., by “rodding” ducts to ensure clear passage), the rearrangement, transfer, replacement, and removal of existing facilities on a pole or in a conduit system where such work is required to accommodate CLEC’s facilities (as contrasted from work performed on AT&T’s behalf in furtherance of AT&T’s own business needs, or convenience). “Make-ready work” may require “dig-ups” of existing facilities and may include the repair, enlargement or modification of AT&T’s facilities (including, but not limited to, conduits, ducts, handholes and manholes), consolidating services into fewer cables, or the performance of other work required to make a pole, anchor, duct, conduit, manhole, handhole or right-of-way usable for the initial placement of CLEC’s facilities. All splicing and associated wire work related to any make ready request will be completed by the owner of the facilities involved. The cost for performing this work will be paid for by the party requiring the make ready.
- 3.27 Manhole. The term “manhole” refers to an enclosure, usually below ground level and entered through a hole on the surface covered with a cast iron, cast aluminum, steel, or concrete manhole cover, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in a conduit. The term “handhole” refers to a structure similar in function to a manhole, but which is usually too small for personnel to enter. As used in this Appendix, the term “manhole” refers only to manhole structures owned or controlled by AT&T and does not include cables and other telecommunications equipment located within manhole structures.
- 3.28 Occupancy. The term “occupancy” refers to the physical presence of facilities on a pole, in a conduit or duct, or within a right-of-way.
- 3.29 Overlashing. The term “overlashing” refers to the practice of placing an additional cable or inner duct by lashing spinning wire over both existing cables and existing strands supporting those cables or inner ducts.
- 3.30 Person acting on CLEC’s behalf. The terms “person acting on CLEC’s behalf,” “personnel performing work on CLEC’s behalf,” and similar terms include both natural persons and firms and ventures of every type, including, but not limited to, corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms “person acting on CLEC’s behalf,” “personnel performing work on CLEC’s behalf,” and similar terms specifically include, but are not limited to, CLEC, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request of or as directed by CLEC and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by CLEC to perform make-ready work shall be deemed to be a person acting on CLEC’s behalf while performing such work at CLEC’s request.
- 3.31 Person acting on AT&T’s behalf. The terms “person acting on AT&T’s behalf,” “personnel performing work on AT&T’s behalf,” and similar terms include both natural persons and firms and ventures of every type, including but not limited to corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms “person acting on AT&T’s behalf,” “personnel performing work on AT&T’s behalf,” and similar terms specifically include, but are not limited to, AT&T, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request or on behalf of AT&T and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by AT&T to perform make-ready work shall be deemed to be a person acting on AT&T’s behalf while performing such work at AT&T’s request.
- 3.32 Pole. The term “pole” refers to all AT&T poles subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). Except as the context otherwise requires, the term “pole” refers only to utility poles and anchors which are either owned or controlled by AT&T and does not include cables and other telecommunications equipment attached to pole structures.

- 3.33 Pole Attachment. As defined in the Pole Attachment Act, 47 U.S.C. § 224(a)(4), the term “pole attachment” refers to “any attachment by a cable television system or provider of telecommunications service to a pole, duct, conduit, or right-of-way owned or controlled by a utility.” In this Appendix, except as the context otherwise requires, the term “pole attachment” refers to any attachment by a cable television system or provider of telecommunications service to a pole (and associated anchors) owned or controlled by AT&T. The term “pole attachment” includes all such facilities attached to or supported by a AT&T pole, including but not limited to cables, risers and U-guards, equipment boxes, drop wires, anchors, bolts, clamps, drive rings, guys, hooks, strands, and other hardware affixed to the pole. Groupings of associated pole attachments for billing purposes shall be consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. Except as otherwise authorized by applicable FCC rules, regulations, or orders, CLEC’s pole attachments occupying the same usable space (or otherwise associated with facilities occupying the same usable space on a pole) shall be treated as a single attachment for billing purposes.
- 3.34 Pole Attachment Act. The term “Pole Attachment Act” refers to those provisions of the Communications Act of 1934, as amended by the Telecommunications Act of 1996, now codified as 47 U.S.C. § 224, as those provisions may be amended from time to time.
- 3.35 Pre-license survey. The term “pre-license survey” refers to work and activities performed or to be performed by AT&T or by persons acting on AT&T’s behalf for the primary purpose of:
- (a) confirming or determining the existing availability and capacity of a pole duct, conduit, or right-of-way and identifying capacity, safety, reliability, or engineering concerns, if any, relating to CLEC’s application;
 - (b) confirming or determining the extent, if any, to which modifications to AT&T’s poles, ducts, conduits, or rights-of-way are required to accommodate CLEC’s facilities;
 - (c) confirming or determining what make-ready work, if any, will be required to prepare AT&T’s poles, ducts, conduits, or rights-of-way to accommodate CLEC’s facilities; and
 - (d) estimating the costs, if any, that CLEC will be required to pay for any such make-ready work or facilities modifications.
- 3.36 Pre-occupancy survey. The term “pre-occupancy survey” refers to work and activities performed or to be performed by CLEC or persons acting on behalf of CLEC for the primary purpose of enabling CLEC to determine:
- (a) whether AT&T’s poles, ducts, conduits, or rights-of-way, in their existing condition, are suitable for CLEC’s intended use;
 - (b) the extent, if any, to which modifications of AT&T’s poles, ducts, conduits, or rights-of-way will be proposed by CLEC to expand the capacity of AT&T’s poles, ducts, conduits, or rights-of-way to accommodate CLEC’s facilities; and
 - (c) what make-ready work, if any, is required to prepare the poles, conduits, or conduit system to accommodate CLEC’s facilities.
- 3.37 Primary point of contact. The term “primary point of contact” refers to the persons designated by CLEC and AT&T, respectively, to coordinate arrangements for CLEC’s access to AT&T’s poles, ducts, conduits, and rights-of-way and records relating to such poles, ducts, conduits, and rights-of-way. AT&T’s designated primary point of contact shall be the Utility Liaison Supervisor unless the parties have arranged for that function to be performed by a designated account representative who will serve as an intermediary between CLEC and the Utility Liaison Supervisor.
- 3.38 Rights-of-way. As used in this Appendix, the term “rights-of-way” refers generally to legal rights to pass over or use the land of another for limited purposes as defined in a statute, ordinance, easement, grant or other conveyance. Rights-of-way include, but are not limited to public rights-of-way authorizing AT&T to locate

facilities on, under, or over public lands and roadways servitudes created by private easements or obtained through the exercise of eminent domain authority enabling AT&T to pass over, place facilities on, and have rights of ingress and egress to the and of another. Rights-of-way also include easements which, at the time of land development or subdivision, were dedicated for use by public or private utilities and are being occupied, in whole or in part, by AT&T's facilities.

- 3.39 Sheath. The term "sheath" refers to an enclosed covering containing communications wires, fibers, or other communications media. A cable may include both inner and outer sheaths.
- 3.40 Spinning. The term "spinning" refers to a method of attaching a cable or inner-duct to a supporting strand. "Spinning" is sometimes referred to as "lashing."
- 3.41 State. When capitalized, the term "State" (as used in terms such as "this State") refers to the State of Missouri.
- 3.42 State Commission. The term "State Commission" refers to the Missouri Public Service Commission.
- 3.43 Strand. The term "strand" refers to support wires, typically stranded together, or other devices attached to a pole and connecting that pole to an anchor or to another pole for the purpose of increasing pole stability or supporting wires, cables, and associated facilities. The term "strand" includes, but is not limited to, strands sometimes referred to as "anchor strands," "anchor/guy strands," "down guys," "guy strands," "pole-to-pole guys," and "messengers."
- 3.44 Telecommunications Act of 1996. The term "Telecommunications Act of 1996" refers to the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56, enacted February 8, 1996.
- 3.45 Third party. The terms "third party" and "third parties" refer to persons and entities other than the parties to this Appendix (that is, persons and entities other than CLEC and AT&T).
- 3.46 Utility Liaison Supervisor ("ULS"). The terms "Utility Liaison Supervisor" and "ULS" refer to the person or persons designated by AT&T to be responsible for handling and processing requests for access to AT&T's poles, ducts, conduits, and rights-of-way in this State. The term "ULS" connotes responsibility for handling a function and is not a job title. Except as otherwise specifically provided in this Appendix or in the parties' interconnection agreement, if any, the ULS shall serve as CLEC's single point of contact for arranging access to AT&T's poles, ducts, conduits, and rights-of-way and access to AT&T's records relating to AT&T's poles, ducts, conduits, and rights-of-way. The Utility Liaison Supervisor for this State is identified in EXHIBIT VIII.
- 3.47 Vault. The term "vault" includes central office vaults and controlled environment vaults ("CEVs"). Vaults may be connected to, but are not considered part of, AT&T's conduit system. Access, if any, to vaults (and to ducts, conduits, and risers which serve no purpose other than to provide a means of entry to and exit from such vaults) shall be governed by the tariffs, agreements, or commission orders, if any, establishing arrangements for interconnection, collocation, and access to unbundled network elements, and not by this Appendix.
- 3.48 "Vicinity of" When used in terms such as "vicinity of AT&T's conduit system," "vicinity of AT&T's poles," "vicinity of AT&T's rights-of-way," or "vicinity of AT&T's poles, ducts, conduits, or rights-of-way," the term "vicinity of ..." includes sites on, within, near to, surrounding, or adjoining AT&T's poles, ducts, conduits, and rights-of-way. These sites include, but are not limited to, all sites within a distance of 10 feet of any AT&T pole, duct, conduit, or right-of-way.

ARTICLE 4: NATURE AND SCOPE OF AGREEMENT

- 4.01 Scope of Agreement. This Appendix establishes procedures for grants of non-discriminatory access to AT&T poles, ducts, conduits, and rights-of-way located within this State, without regard to whether the site is located on public or private property.
- 4.02 No Transfer of Property Rights. Nothing contained in this Appendix or any license issued hereunder shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real

or personal property owned by the other. The payment of fees and charges as provided by this Appendix and licenses issued hereunder shall not create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. No use, however extended, of AT&T's poles, ducts, conduits, or rights-of-way shall create or vest (or be construed as creating or vesting) in CLEC any right, title, or interest in or to any real or personal property owned by AT&T, and the placement of CLEC's facilities on or in AT&T's poles, ducts, conduits and rights-of-way shall not create or vest in AT&T any right, title, or interest in such facilities.

4.03 No Effect on AT&T's Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way. Except as provided in subsections (a) through (b) of this section, nothing contained in this Appendix or any license subject to this Appendix shall in any way affect AT&T's right to abandon, convey, or transfer to any other person or entity AT&T's interest in any of AT&T's poles, ducts, conduits, or rights-of-way.

(a) AT&T shall give CLEC no less than 60 days written notice prior to abandoning, conveying, or transferring any pole, duct, conduit, or right-of-way (1) to or in which CLEC has attached or placed facilities pursuant to this Appendix or (2) with respect to which CLEC has been assigned pole attachment or conduit occupancy space. The notice shall identify the transferee, if any, to whom any such pole, duct, conduit, or right-of-way is to be conveyed or transferred.

(b) Transfers or conveyances of poles, ducts, conduits, or rights-of-way to any entity controlling, controlled by, or under common control with AT&T or to any entity which acquires or succeeds to ownership of substantially all of AT&T's assets shall be subject to CLEC's rights under this Appendix and licenses subject to this Appendix.

4.04 No Effect on AT&T's Rights to Manage its Facilities. Except to the extent expressly provided by the provisions of this Appendix and subject to the provisions of the Telecommunications Act of 1996 and other applicable laws, rules, and regulations, nothing contained in this Appendix shall be construed as limiting or interfering with AT&T's rights to:

(a) locate, relocate, move, replace, modify, maintain, and operate its own facilities (including but not limited to AT&T's poles, ducts, conduits and rights-of-way, and any of AT&T's facilities attached thereto or located therein) at any time and in any manner which AT&T deems appropriate to serve its own customers, avail itself of new business opportunities, or otherwise meet its own business needs; or

(b) enter into new agreements or arrangements with other persons or entities permitting them to attach or place their facilities on or in AT&T's poles, ducts, conduits, or rights-of-way,

provided, however, that such relocations, moves, replacements, modifications, maintenance, and operations or new agreements or arrangements shall not interfere with CLEC's pole attachment, right-of-way, or conduit occupancy use rights provided pursuant to this Appendix.

4.05 No Effect on CLEC's Rights to Manage its Own Facilities. This Appendix shall not be construed as limiting or interfering with CLEC's right to conduct its normal business operations in serving its customers or to avail itself of new business opportunities except to the extent expressly provided by the provisions of this Appendix or by the Telecommunications Act of 1996 or other applicable laws, rules or regulations.

4.06 No Right to Interfere with Facilities of Others. Except to the extent expressly provided by the provisions of this Appendix or by the Telecommunications Act of 1996 or other applicable laws, rules, or regulations, the provisions of this Appendix shall not be construed as authorizing either party to this Appendix, or persons acting on their behalf, to rearrange or interfere in any way with the facilities of the other party or joint users or with the use of or access to such facilities by the other party or joint users.

ARTICLE 5: ACCESS TO RIGHTS-OF-WAY

5.01 Public Rights-of-Way. AT&T and CLEC agree that neither party has the right to restrict or interfere with the other party's access to public rights-of-way. AT&T and CLEC shall each be responsible for obtaining their

own rights-of-way and permission to use real or personal property owned or controlled by any governmental body, subject to the procedures set forth in Section 5.03 below.

- 5.02 Private Rights-of-Way Not Owned or Controlled by AT&T. AT&T and CLEC agree that neither party has the right to restrict or interfere with the other party's access to private rights-of-way not owned or controlled by AT&T. Each party shall make its own, independent legal assessment of its right to enter upon or use the land or property of third-party property owners and shall bear all expenses, including legal expenses, involved in making such determinations, subject to the procedures set forth in Section 5.03 below.
- 5.03 Access to Associated Rights-of-Way. Each pole attachment and conduit occupancy license made under this Appendix shall include access to and use of all associated rights-of-way, including, but not limited to, rights-of-way required by CLEC for ingress, egress, or other access to any sites where AT&T's solely or partly owned or controlled poles, manholes, conduit, ducts, or other parts of AT&T's solely or partly owned or controlled conduit system are located, but only to the extent, if any, that AT&T has the legal authority to grant such access and use. AT&T also agrees to provide nondiscriminatory access to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures to the extent that collocation to such facilities is agreed or required by order of any court or governmental agency having jurisdiction over the subject matter. AT&T agrees that it shall place no restrictions on CLEC's ability to construct, maintain, and monitor its facilities at these sites that are more restrictive than those AT&T places on itself.
- (a) Although AT&T shall afford access to rights-of-way owned or controlled by it and permit CLEC to utilize AT&T's rights-of-way to the extent that AT&T has legal authority to do so, CLEC acknowledges that AT&T may not own or control certain rights-of-way to the extent necessary to permit CLEC full access to such rights-of-way. The following general principles shall be applied with respect to access to rights-of-way on third-party real estate:
- (1) CLEC shall first attempt to obtain right-of-way directly from the property owner.
 - (2) If AT&T has legal authority to permit access by CLEC to a right-of-way on third-party property, AT&T will not restrict CLEC's use of the right-of-way.
 - (3) If CLEC has the right of eminent domain under state law, CLEC shall independently attempt to obtain the right-of-way it seeks through the exercise of that right.
- (b) AT&T and CLEC agree that dark fiber and unused four-wire copper cable are not considered "poles, conduits, and rights-of-way."
- 5.04 Access to Rights-of-Way Incident to the Use of CEVs and Similar Structures. AT&T will provide CLEC nondiscriminatory access, consistent with the requirements of the Pole Attachment Act and Telecommunications Act of 1996, and as provided in Sections 5.03 above, to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures. AT&T will place no restrictions on access to such rights-of-way that are more restrictive than those AT&T places on itself; provided, however, that neither party shall conduct activities on such rights-of-way which interfere with the facilities of the other party, with the privacy of communications carried over the other party's network, or with the other party's access to and use of its own facilities. This section relates only to access to rights-of-way and shall not be construed as granting access to the CEVs, huts, cabinets, and similar structures located on such rights-of-way. Access, if any, to CEVs, huts, cabinets, and similar structures, and to ducts, conduits, and risers which serve no purpose other than to provide a means of entering or exiting such structures, shall be governed by the tariff, agreement, or order, if any, granting CLEC access to such structures.

ARTICLE 6: SPECIFICATIONS

- 6.01 Compliance with Requirements, Specifications, and Standards. CLEC agrees that CLEC's facilities attached to AT&T's poles or occupying space in its ducts, conduits, and rights-of-way shall be attached, placed,

constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Appendix.

- 6.02 Design to Minimize the Need for Access to AT&T's Poles, Ducts, and Conduits. The parties shall each design their facilities to minimize the need for the parties to access AT&T's poles, ducts, and conduits.
- 6.03 Infrequent Construction Techniques and Connectivity Solutions. Unless precluded by documented engineering criteria or written guidelines AT&T applied to itself as of January 1, 1996, consistent with considerations of safety, reliability, and or engineering practices, AT&T agrees to permit CLEC at its own expense to utilize the following techniques to avoid high or unusual expenditures: (a) placement of pole attachments on both the "field" side and "road" side of a pole; (b) placement of extension arms or stand-off brackets on poles; and (c) building conduit branches into AT&T's conduit systems. CLEC acknowledges that use of the above techniques will be rare, and will be permitted only on a case-by-case basis.
- 6.04 Published Standards. AT&T and CLEC agree that the following standards equally apply to either party with respect to facilities attached to or placed in AT&T's poles, ducts, conduits, and rights-of-way and further agree that facilities shall be placed, constructed, maintained, repaired, and removed in accordance with, current (as of the date when such work is performed) editions of the following publications:
- (a) the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Telcordia Technologies, f/k/a Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book;"
 - (b) the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE"); and
 - (c) the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA").
- 6.05 Additional Electrical Design Specifications: Conduit. The parties agree that, in addition to the specifications and requirements referred to in Sections 6.01 through 6.04 above, facilities placed in AT&T's conduit system after the effective date of this Appendix shall meet all of the electrical design specifications set forth in this section.
- (a) No facilities shall be placed in AT&T's conduit system in violation of FCC regulations, including regulations relating to electrical interference. In addition, neither party shall place any facility in AT&T's conduit system which causes or may cause electrical interference with the facilities of the other party or joint users sufficient to jeopardize network integrity or degrade the quality of any communications services offered by either party or a joint user. If either party is notified by the other party or a joint user that its facilities are causing, or have the potential to cause, unacceptable levels of electrical interference, the party notified shall either correct the problem, remove the facility, or initiate good faith negotiations with the complaining party or joint user to resolve the issue.
 - (b) Facilities placed in AT&T's conduit system shall not be designed to use the earth as the sole conductor for any part of the circuits.
 - (c) Facilities placed in AT&T's conduit system and carrying more than 50 volts AC (rms) to ground or 135 volts DC to ground shall be enclosed in an effectively grounded sheath or shield.
 - (d) No coaxial cable shall be placed in AT&T's conduit system unless such cable meets the voltage limitations of Article 820 of the National Electrical Code.
 - (e) Coaxial cable placed in AT&T's conduit system may carry continuous DC voltages up to 1800 volts to ground where the conductor current will not exceed one-half ampere and where such cable has two separate grounded metal sheaths or shields and a suitable insulating jacket over the outer sheath or shield. The power supply shall be so designed and maintained that the total current carried over the outer sheath shall not exceed 200 microamperes under normal conditions. Conditions which would increase the current over this level shall be cleared promptly.

- (f) CLEC shall not circumvent the corrosion mitigation measures of AT&T or joint users.
- 6.06 Additional Physical Design Specifications: Conduit. Facilities placed in AT&T's conduit system following the effective date of this Appendix shall meet all of the following physical design specifications:
- (a) Except as otherwise specifically agreed in this Appendix or licenses issued hereunder CLEC's facilities shall enter AT&T's conduit system at locations consistent with the physical design specifications that AT&T applies to itself (typically through a manhole) or at such other designated locations agreed upon in writing (e.g., through the licensing process) by the parties in accordance with Section 6.03 (infrequent construction techniques and connectivity solutions).
 - (b) Cables bound or wrapped with cloth or having any kind of fibrous coverings or impregnated with an adhesive material shall not be placed in AT&T's conduit or ducts.
 - (c) The integrity of AT&T's conduit system and overall safety of personnel require that "dielectric cable" be used within AT&T's conduit system when a cable facility utilizes a duct or route shared in the same trench by any electric transmissions facility such as the facilities of a power utility.
 - (d) New construction splices in cables (including but not limited to fiber optic and twisted pair cables) shall be located in manholes, pull boxes or handholes.
- 6.07 Efficient Use of Conduit. To ensure efficient use of conduits, AT&T will, when cable diameters permit, install inner ducts in multiples that fully utilize duct space (typically three or four inner ducts in a full four-inch duct) as needed for AT&T's own business purposes and to accommodate CLEC and other joint users; provided, however, that AT&T shall not be required to install inner duct in anticipation of potential future requests for access by CLEC and other joint users.
- 6.08 Specifications Applicable to Connections: Conduit. Except as otherwise specifically agreed in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing, the following specifications apply to connections of CLEC's conduit to AT&T's conduit system:
- (a) CLEC shall not bore, make, or enlarge any hole in, or otherwise structurally modify or alter any manhole, handhole, duct, conduit, or other facility which is part of AT&T's conduit system except as provided in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing.
 - (b) Nothing contained in subsection (a) shall be construed as precluding CLEC or qualified personnel acting on CLEC's behalf from reattaching cable racks or performing similar routine work which is minor in nature and associated with the placing and splicing of cable.
 - (c) Where CLEC's duct or facility physically connects with AT&T's manhole the section of CLEC's facility which connects to AT&T's manhole shall be installed by AT&T or its contractor at CLEC's expense (which shall be AT&T's actual costs or the price charged AT&T by the contractor). AT&T will perform this work in an interval consistent with the intervals AT&T performs work for itself. If AT&T's interval for beginning or completing this work does not meet CLEC's needs, CLEC as an authorized contractor may perform the work itself or use subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by AT&T and CLEC.
 - (d) AT&T will have the option to monitor the entrance and exit of CLEC's facilities into AT&T's conduit system and the physical placement of CLEC's facilities in AT&T's conduit system. Notice requirements for, and expenses associated with, this monitoring are addressed in Section 6.11 of this Appendix.
 - (e) If CLEC constructs or utilizes a duct connected to AT&T's conduit system, the duct and all connections between that duct and AT&T's conduit system shall be sealed to prevent the entry of gases or liquids into AT&T's conduit system. If CLEC's duct enters a building, it shall also be sealed where it enters the building and at all other locations necessary to prevent the entry of gases and liquids from the building into AT&T's conduit system.

- 6.09 General Requirements Relating to Personnel, Equipment, Materials, and Public Safety. The parties contemplate that CLEC, its contractors, and other persons acting on its behalf will perform work for CLEC on, within, and in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way. The provisions of this section are intended to protect the integrity of the networks, facilities and operations of AT&T, CLEC and joint users, to protect the health and safety of persons working on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way, and to protect the public at large.
- (a) Neither party nor any person acting on such party's behalf shall permit any person to climb on or work on AT&T's poles or in the vicinity of AT&T's poles, or enter AT&T's manholes or work within or in the vicinity of AT&T's conduit system, unless such person has the training, skill, and experience required to recognize potentially dangerous conditions relating to the pole or conduit system and to perform the work safely.
 - (b) Neither party nor any person acting on such party's behalf shall permit any person acting on its behalf to perform any work on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way without first verifying, to the extent practicable, on each date when such work is to be performed, that conditions at the work site (including but not limited to the physical condition of the pole or any part of AT&T's conduit system) are sufficiently safe for the work to be performed. If CLEC or any person acting on CLEC's behalf determines that the condition of the pole, duct, conduit, conduit system, or rights-of-way is not safe enough for the work to be performed, CLEC shall notify AT&T of the condition of the pole or conduit system in question and shall not proceed with the work until CLEC is satisfied that the work can be safely performed.
 - (c) Neither party nor any person acting on such party's behalf shall knowingly permit defective equipment or materials to be used on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
 - (d) When CLEC or personnel performing work on its behalf are working on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way located within, under, over, adjacent to, or in the vicinity of streets, highways, alleys or other traveled rights-of-way, CLEC and all personnel performing work on CLEC's behalf shall follow procedures which CLEC deems appropriate for the protection of persons and property. CLEC and its contractors shall be responsible, at all times, for determining and implementing the specific steps required to protect persons and property at the site. CLEC or its designated contractor will provide all traffic control and warning devices required to protect pedestrian and vehicular traffic, workers, and property from danger. CLEC and its contractors shall have sole responsibility for the safety of all personnel performing work on CLEC's behalf, for the safety of bystanders, and for insuring that all operations conform to current OSHA regulations and all other governmental rules, ordinances or statutes.
 - (e) Neither party nor any persons acting on such party's behalf shall engage in any conduct which damages public or private property in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way or creates a hazard or nuisance on such property (including but not limited to a hazard or nuisance resulting from any abandonment of or failure to remove its facilities or any construction debris from the property, failure to erect warning signs or barricades as may be necessary to give notice to others of unsafe conditions on the premises while work performed on its behalf is in progress, or failure to restore the property to a safe condition after such work has been completed).
 - (f) CLEC shall promptly suspend activities on, within, or in the vicinity of AT&T's poles, ducts, or conduits, if notified by AT&T that such activities create an unreasonable risk of injury to persons or property (including unreasonable risks of service interruptions). CLEC shall not resume such activities on or in the vicinity of CLEC's poles until CLEC is satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified and shall not resume such activities within or in the vicinity of AT&T's conduit system until both CLEC and AT&T are satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified. In the event that AT&T requires CLEC to suspend work activities and it is later determined that there was no reasonable basis for the work suspension, AT&T agrees to compensate CLEC for the cost resulting from the delay.

- (g) All personnel acting on CLEC's behalf shall, while working on or in AT&T's poles, ducts, conduits, or rights-of-way, carry with them suitable identification and shall, upon the request of any AT&T employee or representative, produce such identification.
- (h) CLEC (and any person acting on CLEC's behalf) may report unsafe conditions on, within, or in the vicinity of AT&T's poles or conduit system to AT&T.

6.10 Specific Requirements Relating to Personnel, Equipment, Materials, and Construction Practices Within or in the Vicinity of AT&T's Conduit Systems. When AT&T or CLEC, their contractors, and other persons acting on their behalf perform work on, within, or in the vicinity of AT&T's ducts, conduits, and rights-of-way where such ducts or conduits are located, they will be guided by the following:

- (a) Except as may be mutually agreed upon by the parties in writing, CLEC shall not "rod" or clear any duct or inner duct in AT&T's conduit system other than a duct or inner duct assigned to CLEC. Following the assignment of a specific duct or inner duct to CLEC, CLEC may request that AT&T rod or clear the duct or inner duct. If the duct or inner duct cannot be cleared, AT&T shall assign to CLEC the next available duct or inner duct. CLEC's request for assignment of the next available duct shall be in writing, may be transmitted to AT&T via fax or other transmission media mutually agreed upon by the parties, and shall be processed within the same intervals applicable to the processing of similar requests by AT&T's own personnel.
- (b) Personnel performing work within AT&T's conduit system on either party's behalf shall not climb on, step on, or otherwise disturb the cables, air pipes, equipment, or other facilities located in any manhole or other part of AT&T's conduit system.
- (c) Personnel performing work within or in the vicinity of AT&T's conduit system (including any manhole) on either party's behalf shall, upon completing their work, make reasonable efforts to remove all tools, unused materials, wire clippings, cable sheathing and other materials brought by them to the work site.
- (d) All of CLEC's facilities shall be firmly secured and supported in accordance with Bellcore and industry standards and any applicable construction standards adopted by AT&T and applicable to AT&T's own facilities.
- (e) CLEC's facilities shall be plainly identified with CLEC's name in each manhole with a firmly affixed permanent tag that meets the identification standards set by AT&T for its own facilities.
- (f) Manhole pumping and purging required in order to allow work operations to proceed shall be performed in accordance with the requirements of Sections 6.14 and 6.15.
- (g) Planks or other types of platforms shall be supported only by cable racks.
- (h) Any leak detection liquid or device used by CLEC or personnel performing work on CLEC's behalf within or in the vicinity of AT&T's conduit system shall be of a type approved by AT&T and included on AT&T's then-current list of approved types of leak-detection liquids and devices; provided, however, that CLEC may use any type of leak detection liquid or device which meets Bellcore's published standards if AT&T has not provided CLEC AT&T's list of approved types of leak detection liquids or devices at least 60 days in advance of CLEC's work.
- (i) CLEC and its contractors shall be responsible for providing proper ventilation while work is being performed in AT&T's conduit system on CLEC's behalf. Except for protective screens, no temporary cover shall be placed over an open manhole unless it is at least four feet above the surface level of the manhole opening.
- (j) Smoking or the use of any open flame is prohibited in manholes, in any other portion of the conduit system, or within 10 feet of any open manhole entrance.
- (k) Artificial lighting, when required by CLEC, will be provided by CLEC. Only explosion-proof lighting fixtures shall be used.

- (l) Neither AT&T nor CLEC nor personnel performing work on its behalf shall allow any combustible gas, vapor, liquid, or material to accumulate in AT&T's conduit system (including any manhole) during work operations performed within or in the vicinity of AT&T's conduit system.
- (m) All parties shall abide by any laws, regulations, and ordinances regarding the use of spark producing tools, equipment, or devices (including but not limited to such tools as electric drills and hammers, meggers, breakdown sets, induction sets, and the like) in manholes or in any other portions of the conduit system.
- (n) Cable lubricants used in conduit systems shall be of a type or types approved by AT&T and included on AT&T's then-current list of approved types of cable lubricants; provided, however, that CLEC may use any type of cable lubricant which meets Bellcore's published standards if AT&T has not provided CLEC AT&T's list of approved types of cable lubricants at least 60 days in advance of CLEC's work.

6.11 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of AT&T's manholes and access to AT&T's conduit system.

- (a) CLEC will notify AT&T not less than 5 business days in advance before entering AT&T's conduit system to perform non-emergency work operations. Such operations shall be conducted during normal business hours except as otherwise agreed by the parties. The notice shall state the general nature of the work to be performed. As a courtesy, CLEC shall, when feasible, provide AT&T with 10 working days advance notice before entering AT&T's conduit system.
- (b) The parties contemplate that CLEC may need to perform operations in AT&T's conduit system other than during normal business hours and may occasionally require access to manholes on shorter notice than contemplated in subsection (a) above. Under these circumstances, CLEC shall notify AT&T as soon as is reasonably possible of its intent to enter and perform work in the conduit system and AT&T shall not, without due cause and justification, insist on literal compliance with the scheduling requirements of subsection (a) in such circumstances. AT&T will establish procedures enabling AT&T to receive notices from CLEC under this subsection 24 hours a day, seven days a week.
- (c) Each party must obtain any necessary authorization from appropriate authorities to open manholes for such party's own conduit work and operations therein.
- (d) A single authorized employee or representative of AT&T may be present any time when CLEC or personnel acting on CLEC's behalf enter or perform work within AT&T's conduit system. CLEC shall reimburse AT&T for costs associated with the presence of AT&T's authorized employee or representative. Each party must obtain any necessary authorization from appropriate authorities to open manholes.
- (e) AT&T and CLEC further agree that CLEC shall pay to AT&T a penalty of \$5000.00 for each unauthorized entry into the conduit system.

6.12 OSHA Compliance. Each party agrees:

- (a) its facilities attached to AT&T's poles or placed in AT&T's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the Occupational Safety and Health Act (OSHA) and all rules and regulations promulgated thereunder; and
- (b) all persons shall, when working on, within, or in the vicinity of AT&T's poles or conduit system, comply with OSHA and all rules and regulations thereunder.

6.13 Environmental Contaminants in AT&T's Conduit System. CLEC acknowledges that, from time to time, environmental contaminants may enter AT&T's conduit system and accumulate in manholes or other conduit facilities.

- (a) CLEC may, at its expense, perform such inspections and tests at the site of any pole, duct, conduit, or right-of-way occupied by or assigned to CLEC as CLEC may deem necessary to determine the

- presence at such sites of environmental contaminants. AT&T will assist CLEC, at CLEC's request and expense, in the performance of such inspections and tests.
- (b) AT&T makes no representations to CLEC or personnel performing work on CLEC's behalf that AT&T's poles, ducts, conduits, or rights-of-way will be free from environmental contaminants at any particular time. Before entering a manhole or performing any work within or in the vicinity of AT&T's conduit system or any other site subject to access under this Appendix, CLEC or personnel acting on CLEC's behalf shall independently determine, to their satisfaction, whether such contaminants are present and conduct their work operations accordingly.
 - (c) Each party shall promptly notify the other of environmental contaminants known by such party to be present on, within or in the vicinity of poles, ducts, conduits, or rights-of-way occupied by or assigned to CLEC if, in the sole judgment of such party, such environmental contaminants create a serious danger to (1) the health or safety of personnel working within or in the vicinity of the conduit or (2) the physical condition of the other party's facilities placed or to be placed within the conduit.
 - (d) Nothing contained in this Appendix (including but not limited to the acknowledgments and representations set forth in this section) shall relieve either party from its responsibility to comply with all applicable environmental laws or its responsibility for any liability arising out of such party's failure to comply with such laws.
- 6.14 Compliance with Environmental Laws and Regulations. CLEC and AT&T agree to comply with the following provisions relating to compliance with environmental laws and regulations.
- (a) All persons acting on CLEC's or AT&T's behalf, including but not limited to CLEC's or AT&T's employees, agents, contractors, and subcontractors, shall, when working on, within or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way, comply with all applicable federal, state, and local environmental laws, including but not limited to all environmental statutes, ordinances, rules, and regulations.
- 6.15 Compliance with Other Governmental Requirements (Including Aeronautical Navigation Safeguards). CLEC and AT&T agree that their facilities attached to AT&T's poles or placed in AT&T's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the ordinances, rules, and regulations of any governing body having jurisdiction of the subject matter (including but not limited to any valid ordinances, rules, and regulations requiring permits, certificates, licenses or the like). CLEC and AT&T shall comply with all statutes, ordinances, rules, regulations, and other laws requiring the marking and lighting of aerial wires, cables, and other structures to ensure that such wires, cables, and structures are not a hazard to aeronautical navigation.
- 6.16 Responsibility for Condition of Facilities. Each party will be responsible at all times for the condition of its facilities (including but not limited to those extending from AT&T's poles, ducts, conduits, or rights-of-way directly to any other location) and for its compliance with the requirements and specifications of this article and all applicable laws, rules, regulations, and ordinances.

ARTICLE 7: PRIMARY POINTS OF CONTACT, ACCESS TO RECORDS, AND PRE-OCCUPANCY INSPECTIONS

- 7.01 Designation of Primary Points of Contact. Each party will, at the request of the other party, designate a primary point of contact to facilitate communications between the parties and the timely processing of CLEC's applications for access to AT&T's poles, ducts, conduits, and rights-of-way located within this State. Designations of primary points of contact will be made by written notices including the name, title, address, phone number, and fax number of the person designated as the primary point of contact; provided, however, that unless and until a different designation is made, AT&T's primary point of contact shall be the Utility Liaison Supervisor identified in EXHIBIT VIII. Designation of primary points of contact pursuant to this section shall not affect notice requirements or other legal requirements set forth in other provisions of this Appendix or the parties' interconnection agreement.

7.02 Determinations by CLEC of Suitability and Availability. CLEC shall make its own, independent assessment of the suitability of AT&T's poles, ducts, conduits, and rights-of-way for CLEC's intended purposes.

7.03 Access to Records Relating to AT&T's Poles, Ducts, Conduits, and Rights-of-Way. This section establishes procedures through which certain records and information relating to AT&T's poles, ducts, conduits, and rights-of-way will be made available to CLEC. Access to such records and information shall be conditioned on CLEC's execution of a nondisclosure agreement equivalent in substance to the Nondisclosure Agreement (AT&T Pole, Duct, Conduit, and Rights-of-Way) attached to this Appendix as Exhibit V or such other nondisclosure agreement as shall be mutually acceptable to the parties, and no person acting on CLEC's behalf shall be granted access to such records and information without first signing such a nondisclosure agreement. CLEC shall reimburse AT&T for all reasonable costs incurred by AT&T in granting CLEC's requests for access to records and information under this section.

(a) CLEC shall, after the effective date of this Appendix, have reasonable access to AT&T's pole and conduit maps and records. CLEC shall be permitted to examine these records during regular business hours at a location where copies of such records are maintained or at such other location as may be mutually agreed upon by the parties. Access to such maps and records shall be by appointment only, and AT&T shall make such maps and records available for inspection by CLEC on two business days notice AT&T.

(b) The access described in subsection (a) shall include the right to make copies, at CLEC's expense. In all instances, such access shall include the ability to take notes and make drawings with references to those maps and records. No references to cable counts or circuit information may be included in any such copies, notes, or drawings. With respect to customer-specific information, CLEC copies, notes, or drawings may include only such information as needed for bona fide engineering and construction purposes. CLEC's copies, notes, and drawings may include estimates regarding the physical characteristics (such as size and weight) of cables when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of AT&T's poles, ducts, conduits, and rights-of-way for CLEC's intended uses.

AT&T shall provide CLEC the best information available from AT&T's current pole and conduit maps and records. AT&T represents that such records reflect approximate geographical locations of the facilities depicted and may not accurately reflect information such as:

- (1) the exact location of the facilities depicted;
- (2) the physical size, characteristics, or condition of the facilities depicted;
- (3) the ducts or inner ducts presently occupied, assigned, or available within any particular conduit segment or manhole;
- (4) the arrangement of facilities attached to a pole, the position of facilities suspended between poles or their relationship to each other and to the ground, or the positioning of cables and other facilities housed within ducts, conduits, manholes or other portions of AT&T's conduit system; and
- (5) other information which must be assessed before it can be determined that space is available on or in a pole, duct, or conduit for the attachment or occupancy of CLEC's facilities or that the pole, duct, or conduit depicted is suitable for CLEC's intended use.

7.04 Pre-Occupancy Inspection of Poles, Ducts, Conduits, and Rights-of-Way. CLEC shall be permitted to view and inspect specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis as provided in this section.

(a) After the effective date of this Agreement, AT&T shall permit CLEC to view specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis. Nothing contained in this section shall preclude

- CLEC from visually inspecting AT&T's poles, ducts, conduits, or rights-of-way from any vantage point lawfully accessible to CLEC without AT&T's permission.
- (b) CLEC shall not enter any AT&T manhole for the purpose of performing a pre-occupancy inspection without complying with all applicable requirements set forth in Article 6 of this Appendix, including but not limited to the provisions of Section 6.11 relating to the opening of manholes.

ARTICLE 8: POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

- 8.01 Selection of Space. AT&T will select or approve CLEC's selection of the space CLEC will occupy on poles or in conduit systems based upon the same criteria AT&T applies to itself AT&T. In conduit systems owned or controlled by AT&T, maintenance ducts (as defined in Section 3.25) shall not be considered available for CLEC's use except as specifically provided elsewhere in this Appendix. All ducts associated with the conduit system which are not assigned or occupied shall be deemed available for use by AT&T, CLEC, and third parties entitled to access under the Pole Attachment Act.
- 8.02 Pole, Duct, and Conduit Space Assignments. Poles, and conduit system will be assigned to CLEC as provided in this section. Information received by AT&T in connection with this section shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).
- (a) On receipt of CLEC's application for a pole attachment or conduit occupancy license the associated pole, duct, and conduit space shall be assigned to CLEC for a pre-occupancy period not to exceed 12 months, beginning with the date of such assignment. The assignment (and date and time) of assignment shall be logged and recorded in the appropriate AT&T records.
- (b) CLEC's obligation to pay semi-annual pole attachment or conduit occupancy fees shall commence from the date the assignment or provisional assignment is logged and recorded in the appropriate AT&T records.
- (c) During the 12-month assignment period following the date space is assigned to CLEC and entered into the appropriate AT&T record, AT&T shall not occupy or use such space without CLEC's permission, shall not assign such space to any party other than CLEC, and shall not knowingly permit any party other than CLEC to occupy or use such space without CLEC's permission except as otherwise specifically provided in this Appendix. The assignment to CLEC shall automatically lapse 12 months after the date the assignment has been entered into the appropriate AT&T record if CLEC has not occupied such assigned space within such 12-month period; provided, however, that if CLEC's failure to occupy the space within such 12-month period results from AT&T's failure to perform make-ready work on schedule, the parties shall negotiate a single extension of the assignment period, which extension shall not extend the assignment period beyond three months from the date of completion of AT&T's make-ready work; and, provided further, that if CLEC can demonstrate that its failure to occupy the space within such 12-month period results from the actions of AT&T or third parties other than persons acting on CLEC's behalf, or from acts of God, the assignment may be extended for a period no longer than three months from the date CLEC is first able to commence construction activities at the site involved. Assignments to third parties shall be subject to the same rules applicable to CLEC under this subsection. Extensions permitted under this subsection must be requested in writing before expiration of the original 12-month period and shall be recorded on the appropriate AT&T records available for inspection under Section 7.03.
- (d) AT&T may assign space to itself by making appropriate entries in the same records used to log assignments to CLEC and third parties. If AT&T assigns pole, duct, or conduit space to itself, such assignment shall automatically lapse 12 months after the date the assignment has been entered into the appropriate AT&T record if AT&T has not occupied such assigned space within such 12-month period; provided, however, that if AT&T's failure to occupy the space within such 12-month period results from the actions of CLEC or third parties other than persons acting on AT&T's behalf, or from acts of God, AT&T's assignment may be extended for a period no longer than three months from the

date AT&T is able to commence construction at the site involved. Extensions permitted under this subsection must be recorded before expiration of the original 12-month period on the appropriate AT&T records available for inspection under Section 7.03.

- (e) If facilities modifications, capacity expansions, or other make-ready work are required due to the assignment of space to CLEC or AT&T under this section, the party to whom such space has been assigned shall reimburse the person or entity incurring the costs for such facilities modifications, capacity expansions, or make-ready work, if the party to whom such space has been assigned fails to occupy the assigned space within the 12-month assignment period or any extension thereof.
- (f) Except as provided in subsections (e) through (f) above, assignments shall not be extended, renewed, or sequentially repeated in any manner (other than by actual occupancy) that enables CLEC, AT&T, or any joint user to preclude access by others to unused pole attachment or conduit occupancy space for any period greater than 12 months after the date of initial assignment.

ARTICLE 9: APPLICATIONS AND PRE-LICENSE SURVEYS

- 9.01 Licenses Required. CLEC shall apply in writing for and receive a license before attaching facilities to specified AT&T poles or placing facilities within specified AT&T ducts or conduits manholes, or handholes. License applications and information received by AT&T in connection with such applications shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).
- 9.02 Application Form. To apply for a pole attachment or conduit occupancy license under this Appendix, CLEC shall submit to AT&T two signed copies of the appropriate application forms. AT&T represents that the forms specified in subsections (a) and (b) are forms in use prior to the effective date of this Appendix and that AT&T plans to revise such forms to conform to the provisions of this Appendix and to streamline the application process. The parties therefore agree that the forms specified in subsections (a) and (b) shall be interim forms only. AT&T reserves the right to change the format and content of these forms upon 60 days written notice to CLEC.
 - (a) To apply for a pole attachment license, CLEC shall submit to AT&T two signed copies of AT&T's Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9433. An application for a pole attachment license shall not be complete or subject to processing by AT&T until these forms have been submitted to AT&T; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c) through (g) below, as applicable. Copies of Forms SW-9433 and SW-9434, are attached to this Appendix as parts of Exhibit III.
 - (b) To apply for a conduit occupancy license, CLEC shall submit to AT&T two signed copies of AT&T's Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9435 ("Conduit Occupancy"). An application for a conduit occupancy license shall not be complete or subject to processing by AT&T until these forms have been submitted to AT&T; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c) through (g) below, as applicable. Copies of Forms SW-9434 and SW-9435, are attached to this Appendix as parts of Exhibit III.
 - (c) Each application for a license under this Appendix shall include the following information, at a minimum:
 - (1) the poles, ducts, and conduits (including all manholes) along CLEC's proposed route to or within which CLEC desires to attach or place its facilities, as well as associated maps and manhole detailed butterfly drawings;
 - (2) a description of the facilities to be attached to AT&T's poles and a description of the facilities to be placed within each component of AT&T's conduit system (including but not limited to ducts, conduits, manholes, and handholes) along the proposed route; and

- (3) for poles, the proposed points of attachment.
- (d) Facilities descriptions which apply to multiple pole attachments or conduit occupancies need only be described once on any form. Facilities descriptions shall include, at a minimum, the following information:
 - (1) the number and types of cables, including the physical size (diameter) and weight (weight per foot);
 - (2) the number and types of strands, if any, which will be used to support the cables, including the rated holding capacity expressed in thousand pound increments (e.g., 2.2M) of such strands; and
 - (3) sufficient information to identify and describe the physical characteristics (size, dimensions, and weight) of permitted apparatus enclosures and other facilities to be attached to AT&T's poles or placed in AT&T's conduit system.
- (e) When it appears to CLEC that facilities modification, capacity expansion, or make-ready work, may be required to accommodate CLEC's access requests, CLEC shall describe the facilities modification, capacity expansion or make-ready work which CLEC proposes. CLEC shall also describe its intent to use any infrequent construction techniques or connectivity solutions under Section 6.03 to avoid high or unusual expenditures and its reasons for the utilization of such techniques or solutions.
- (f) CLEC acknowledges that the poles along a particular pole line or route may include poles owned by firms (such as electric utilities) other than AT&T, that it may be necessary for AT&T to rearrange its facilities or perform other make-ready work on poles other than poles it owns or controls in order to accommodate CLEC's request for access to AT&T's poles and that, at the time an application is submitted AT&T. CLEC shall identify all poles utilized by AT&T (without regard to ownership) along the proposed route. If CLEC does not identify all poles, CLEC may contract with AT&T to do so, at CLEC's expense.
- (g) Each application for a license under this Appendix shall be accompanied by a construction schedule showing CLEC's projected dates for beginning and completing construction at the sites specified in the application. Information on this schedule may be used by AT&T's engineering and outside plant construction personnel in scheduling work required to process CLEC's applications and scheduling such capacity expansions, make-ready work, and facilities modifications, if any, as may be necessary to accommodate CLEC's facilities.

9.03 Cooperation in the Application Process. The orderly processing of applications submitted by CLEC and other parties seeking access to AT&T's poles, ducts, conduits, and rights-of-way requires good faith cooperation and coordination between AT&T's personnel and personnel acting on behalf of CLEC and other firms seeking access. The parties therefore agree to the following transitional procedures which shall remain in effect during the term of this Appendix unless earlier modified by mutual agreement of the parties.

- (a) Before submitting a formal written application for access to AT&T's poles, ducts, conduits, and rights-of-way, CLEC shall make a good faith determination that it actually plans to attach facilities to or place facilities within the poles, ducts, conduits, or rights-of-way specified in the application. Applications shall not be submitted for the purpose of holding or reserving space which CLEC does not plan to use or for the purpose of precluding AT&T or any other provider of telecommunications services from using such poles, ducts, conduits, or rights-of-way.
- (b) CLEC shall only submit applications for access to poles, ducts, conduits, and rights-of-way which it plans to use within one year following the date access is granted and will use its best efforts to submit applications in an orderly manner in accordance with CLEC's needs. If CLEC contemplates the need to submit more than 10 applications within any 45-day period with respect to poles, ducts, conduits, and rights-of-way within the territory of any single AT&T construction district, CLEC shall give AT&T 30 days notice with a priority list as noted in Section 9.04.

- (c) No more than 300 poles (and their associated anchors and anchor/guy strands) shall be the subject of any single pole attachment license application.
 - (d) No more than 20 manholes shall be the subject of any single conduit occupancy license application.
- 9.04 CLEC's Priorities. When CLEC has multiple applications on file within a single AT&T construction district, CLEC shall, at AT&T's request, designate its desired priority of completion of pre-license surveys, capacity expansions, make-ready work, and facilities modifications with respect to all such applications.
- 9.05 Pre-license Survey. A pre-license survey (including a review of records and field inspection, if necessary) will be completed by AT&T after CLEC has submitted its written license application as specified in Section 9.02 of this Appendix. AT&T will not, without due cause and justification, repeat pre-occupancy survey work performed by CLEC.
- (a) The field inspection portion of the pre-license survey, which includes the visual inspection of existing pole and conduit facilities, shall be performed by AT&T or its authorized representative. Primary purposes of the field inspection will be to enable AT&T to (1) confirm or determine the facilities modification, capacity expansion, and make-ready work, if any, necessary to accommodate CLEC's facilities; (2) plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare AT&T's poles, ducts, conduits, rights-of-way, and associated facilities for CLEC's proposed attachments or occupancy; and (3) estimate the costs associated with such facilities modification, capacity expansion, or make-ready work.
 - (b) The administrative processing portion of the pre-license survey (which includes processing the application and reviewing records) will be performed by AT&T.
 - (c) Before performing any portion of the pre-license survey, AT&T shall obtain CLEC's written authorization to perform such work. Authorization may be given, when possible, when the application is submitted.

**ARTICLE 10: ISSUANCE AND DENIAL OF LICENSES
(INCLUDING FACILITIES MODIFICATIONS, CAPACITY EXPANSIONS, AND
MAKE-READY WORK)**

- 10.01 Response Within 45 Days. Within 45 days of CLEC's submission of a license application pursuant to Section 9.02 of this Appendix, or within such other period of time as may be mutually agreed upon in writing by the parties, AT&T shall respond to the application. The response shall state whether the application is being granted or denied. If denial is anticipated, or if AT&T personnel involved in the processing of CLEC's request for access become aware of hazardous substances at the site requested by CLEC, AT&T shall promptly advise CLEC and shall, at CLEC's request, discuss alternatives to denial and issues associated with the presence of such hazardous substances.
- (a) If access is granted, AT&T shall, no later than 45 days after CLEC's submission of the license application, further advise CLEC in writing (1) what facilities modifications, capacity expansions, or make-ready work, if any, will be required to prepare AT&T's pole or conduit facilities (2) provide CLEC an estimate of charges for such facilities modifications, capacity expansions, or make-ready work, (3) disclose to CLEC any hazardous substances known by AT&T to be present at the site.
 - (b) If access is denied, AT&T will confirm the denial in writing by the 45th day after the receipt by AT&T of CLEC's completed application. The denial of access shall be specific, shall include all relevant evidence and information supporting the denial, and shall explain how such evidence and information relates to a denial of access for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. If CLEC in its completed application sets forth in writing specific proposals for expanding capacity, the denial statement shall specifically address such proposals.

- (c) CLEC agrees that if, at any time prior to the 45th day, it has determined that it no longer seeks access to specific poles, ducts, or conduit facilities, CLEC shall promptly withdraw or amend its application, thereby minimizing the administrative burdens on AT&T of processing and responding to the application.

10.02 Obligation to Construct or Modify Facilities; Capacity Expansions. The parties agree that AT&T may grant access subject to CLEC's approval of such make-ready work or facilities modifications as may be required to expand capacity to accommodate CLEC's request, in which event CLEC shall either accept such conditions, initiate good faith negotiations to explore other potential accommodations, or withdraw its request for access. If AT&T does not offer to expand capacity and denies CLEC's request for access, AT&T shall promptly notify CLEC of such determination. AT&T shall not deny CLEC's request for access on lack of capacity grounds when capacity can be expanded as provided in this section and in Section 6.03 of this Appendix dealing with infrequent construction techniques and connectivity solutions:

- (a) AT&T agrees to modify its outside plant facilities to the extent that CLEC agrees to pay for the modification at cost, such as but not limited to cable consolidations, as long as such modifications are consistent with capacity, safety, reliability, and engineering considerations which AT&T would apply to AT&T if the work were performed for its own benefit. AT&T may recover from CLEC the costs of modifying its outside plant facilities for CLEC's space. AT&T will require payment of the full amount in advance subject to the true-up of the estimated costs with the actual costs.
- (b) AT&T agrees to install inner duct in a timely manner to accommodate CLEC's space needs in accordance with the same time interval AT&T provides to itself. If AT&T's interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC, as a qualified contractor, may perform the inner-duct installation itself or utilize authorized subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by AT&T and CLEC. When inner duct is installed by CLEC or an authorized contractor in AT&T's conduit system, CLEC shall bear all other installation expenses. Inner duct installed by CLEC or an authorized contractor shall be installed in accordance with the same standards and practices which would be followed if the inner duct were being installed by AT&T or AT&T's contractors. CLEC will indemnify AT&T for damages, resulting from CLEC's self-provisioning of the inner-duct.
- (c) AT&T agrees to, remove cables at CLEC's expense that are retired or inactive (dead) to free-up requested duct and pole space, provided that such removal is reasonably feasible (i.e. cable pulls easily without incident). If a section of cable is "frozen" in a duct and would require excavation to remove, CLEC, at its option, may excavate the obstruction or request that AT&T excavate the obstruction. The excavation would be at CLEC's expense AT&T.
- (d) Reimbursement will be in accordance with Section 10.08 - Reimbursement for the Creation or Use of Additional Capacity.

10.04 Performance of Make-ready Work. Except as otherwise specifically provided in Section 10.02 and in this section, make-ready work shall be performed by AT&T or by authorized contractors or other persons acting on AT&T's behalf and shall be performed by AT&T in accordance with the same time intervals which would be applicable if AT&T were performing the work for itself.

- (a) CLEC and AT&T will mutually establish and maintain a list of authorized contractors who may be selected by CLEC to perform make-ready work when AT&T's interval for beginning or completing such make ready work does not meet CLEC's needs.
- (b) If AT&T's interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC may, as an authorized contractor, perform the make-ready work itself or arrange for the work to be performed by an authorized contractor selected by CLEC from the applicable list of authorized contractors. Subject to the availability of personnel, CLEC may also request that AT&T perform the work on an expedited basis; provided, however, that make-ready work will not be performed on an

- expedited basis unless CLEC first approves any overtime or premium rates or charges associated with performance of the work on an expedited basis.
- (c) From time to time, additional contractors or other vendors may be approved by AT&T to perform make-ready work in the event that the workload exceeds the capacity of the authorized contractors on the approved list to perform the make-ready work in a timely manner.
 - (d) Nothing contained in this section authorizes CLEC, any authorized contractor selected by CLEC, or any other person acting on CLEC's behalf to consolidate AT&T's cables, remove slack, or perform any splicing (wire work) on AT&T's cables.

10.05 Make-ready Work. If AT&T determines that make-ready work will be necessary to accommodate CLEC's facilities, AT&T shall promptly notify CLEC of the make-ready work proposed to enable the accommodation of CLEC's facilities.

- (a) The notice shall be given in writing no later than 45 days after the receipt by AT&T of CLEC's completed application pursuant to Section 9.02 of this Appendix or within such other period of time as may be mutually agreed upon in writing by the parties.
- (b) The notice will include AT&T's estimate of make-ready charges, which estimate shall be stated on AT&T Form SW-9434 ("Access Application and Make-Ready Authorization"), a copy of which is attached hereto as part of EXHIBIT III.
- (c) CLEC shall have 20 days (the "acceptance period") after receiving AT&T's estimate of make-ready charges to authorize completion of the make-ready work proposed by AT&T or to advise AT&T of its willingness to perform the proposed make-ready work itself. If CLEC advises AT&T that it is willing to perform the make-ready work proposed by AT&T in accordance with a design approved by AT&T, and AT&T's specifications, AT&T will not, without due cause and justification, refuse to accept CLEC's offer to perform the work. Authorization shall be accomplished by CLEC's signing the estimate and returning it to AT&T within the 20-day acceptance period.
- (d) Within the 20-day acceptance period, the parties may negotiate modifications of the make-ready work to be performed. If the parties reach agreement through negotiation, a new estimate shall be prepared and authorization shall be accomplished by CLEC's signing the revised estimate and returning it to AT&T within the original 20-day acceptance period, or within such period of time as may be mutually agreed upon by the parties.
- (e) If CLEC does not sign and return the estimate within the 20-day acceptance period, or within such other period of time as may be mutually agreed upon in writing by the parties, CLEC shall notify AT&T in writing by the 20th day whether CLEC is withdrawing its application, electing to perform the make-ready work itself as provided in subsection (c) or electing to treat AT&T's make-ready requirements as a denial of access.
 - (1) If no such notice is given by the 20th day, or such later date as may be mutually agreed upon by the parties, AT&T shall contact CLEC to determine whether CLEC intends to withdraw its application. CLEC shall be deemed to have withdrawn its application if, in response to AT&T's inquiry, CLEC does not immediately sign and return the estimate to AT&T.
 - (2) If CLEC timely notifies AT&T that it is electing to treat AT&T's make-ready requirements as a denial of access, AT&T shall, within 20 days after receiving the notice, provide CLEC with a written statement explaining its decision to grant access only if the specified make-ready work is performed. The statement shall be specific, shall include all relevant evidence and information supporting AT&T's decision to grant access only if the specified make-ready work is performed, and shall explain how such evidence and information relates to AT&T's decision for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. The statement shall also set forth the basis for AT&T's make-ready proposals and specifically address AT&T's rationale for rejecting CLEC's alternative written proposals, if any.

- 10.06 Multiple Applications. Applications shall be processed on a first-come, first-served basis. Applications filed on the same date shall be treated as having been filed simultaneously and shall be processed accordingly.
- 10.07 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. CLEC shall make arrangements with the owners of other facilities attached to AT&T's poles or occupying space in AT&T's conduit system regarding reimbursement for any expenses incurred by them in transferring or rearranging their facilities to accommodate the attachment or placement of CLEC's facilities to or in AT&T's poles, ducts, and conduits.
- 10.08 Reimbursement for the Creation or Use of Additional Capacity. CLEC acknowledges that if any additional capacity is created as a result of make-ready work performed to accommodate CLEC's facilities, AT&T CLEC shall not have any preferential right to utilize such additional capacity in the future and shall not be entitled to any fees subsequently paid to AT&T for the use of such additional capacity. If AT&T utilizes additional space or capacity created at CLEC's expense, AT&T will reimburse CLEC on a pro-rata basis for AT&T's share, if any, of CLEC's capacity expansion costs, to the extent reimbursement is required by applicable rules, regulations, and commission orders. AT&T will notify the CLEC if any entity, including AT&T, attaches facilities to additional capacity on AT&T's Structure created at CLEC's expense. AT&T shall not be required to collect or remit any such amounts to CLEC, to resolve or adjudicate disputes over reimbursement between CLEC and Other Users.
- 10.09 License and Attachment. After all required make-ready work is completed, AT&T will issue a license confirming that CLEC may attach specified facilities to AT&T's poles or place specified facilities in AT&T's conduit system. CLEC shall have access to attach or place only those facilities specifically described in licenses subject to this Appendix, and no others.

ARTICLE 11: CONSTRUCTION OF CLEC'S FACILITIES

- 11.01 Responsibility for Attaching and Placing Facilities. Each party shall be responsible for the actual attachment of its facilities to AT&T's poles and the actual placement of its facilities in AT&T's ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities. In this regard, each party shall be solely responsible for (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the construction and attachment of its facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way.
- 11.02 Construction Schedule. After the issuance of a license, CLEC shall provide AT&T with an updated construction schedule and shall thereafter keep AT&T informed of anticipated changes in the construction schedule. Construction schedules received by AT&T shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information). Construction schedules required by this section shall include, at a minimum, the following information:
- (a) the name, title, business address, and business telephone number of the manager responsible for construction of the facilities;
 - (b) the names of each contractor and subcontractor that will be involved in the construction activities;
 - (c) the estimated dates when construction will begin and end; and
 - (d) the approximate dates when CLEC or personnel working on CLEC's behalf will be performing construction work in connection with the attachment of CLEC's facilities to AT&T's poles or the placement of CLEC's facilities in any part of AT&T's conduit system.

ARTICLE 12: USE AND ROUTINE MAINTENANCE OF CLEC'S FACILITIES

- 12.01 Use of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to have access to CLEC's facilities on or within AT&T's poles, ducts, and conduits as needed for the purpose of serving CLEC's customers.
- 12.02 Routine Maintenance of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to engage in routine maintenance of facilities located on or within AT&T's poles, ducts, and conduits pursuant to such license. Routine maintenance does not include the replacement or modification of CLEC's facilities in any manner which results in CLEC's attachments differing substantially in size, weight, or physical characteristics from the attachments described in CLEC's license.
- 12.03 Installation of Drive Rings and J-Hooks. CLEC may install drive rings and J-hooks on AT&T's poles for the attachment of drop wires as specified in this section.
- (a) Drive rings and J-hooks may be installed as specified in pole attachment licenses issued to CLEC.
- (b) If attachment space has already been licensed to CLEC on a given AT&T pole, CLEC may install drive rings and J-hooks within the space assigned to CLEC (e.g., typically six inches above and six inches below CLEC's point of attachment on the pole if the point of attachment is in the center of the space assigned to CLEC) without applying for or obtaining a new or amended license. No additional attachment charges shall apply with respect to drive rings and J-hooks installed in CLEC's licensed attachment space.
- 12.04 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available, on a nondiscriminatory basis, for short-term (not to exceed 30 days) non-emergency maintenance or repair activities by any person or entity (including but not limited to AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that use of the maintenance duct for non-emergency maintenance and repair activities must be scheduled by AT&T. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify AT&T of such use and must either vacate the maintenance duct within 30 days or, with AT&T's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such party occupies the maintenance duct. Cables temporarily placed in the maintenance duct on a non-emergency basis shall be subject to such accommodations as may be necessary to rectify emergencies which may occur while the maintenance duct is occupied.
- 12.05 Responsibility for Maintenance of Facilities. Each party shall be solely responsible for maintaining its own facilities and (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the maintenance of such party's facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way.
- 12.06 Information Concerning the Maintenance of CLEC's Facilities. Promptly after the issuance of a license, CLEC shall provide AT&T with the name, title, business address, and business telephone number of the manager responsible for routine maintenance of CLEC's facilities and shall thereafter notify AT&T of changes to such information. The manager responsible for routine maintenance of CLEC's facilities shall, on AT&T's request, identify any authorized contractor or other person performing maintenance activities on CLEC's behalf at a specified site.

ARTICLE 13: MODIFICATION OF CLEC'S FACILITIES

- 13.01 Notification of Planned Modifications. CLEC shall notify AT&T in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities attached to a pole, or located in any AT&T duct or conduit. The notice shall contain sufficient information to enable AT&T to determine whether the proposed addition, relocation, replacement, or modification is permitted under CLEC's present license or requires a new or amended license. No notice shall be required for such routine modifications as the installation or

placement of drive rings or J-hooks, terminals, and other ancillary apparatus routinely used in providing service to customers, having no effect on the structural integrity of AT&T's poles, ducts, or conduits, and having no effect on the ability of AT&T or joint users to use or have access to AT&T's poles, ducts, conduits, or rights-of-way.

- 13.02 New or Amended License Required. A new or amended license will be required if the proposed addition, relocation, replacement, or modification:
- (a) requires that CLEC occupy additional space on AT&T's poles (except on a temporary basis in the event of an emergency);
 - (b) requires that CLEC occupy additional space (other than space in the maintenance duct in accordance with Sections 12.04, 13.03, and 15.02 of this Appendix) in any AT&T duct or conduit except on a temporary basis in the event of an emergency;
 - (c) results in the facilities attached being different from those described as authorized attachments in CLEC's present application, current license, notice of intent to occupy, or license application and supplemental documentation (e.g., different duct or size increase causing a need to re-calculate storm loadings, guying, or pole class);
 - (d) requires additional holding or loading capacity on a permanent basis.
- 13.03 Use of Maintenance Duct in Connection with Facility Modifications and Replacements. Non-emergency access to the maintenance duct in connection with facilities modifications and replacements shall be subject to the provisions of Section 12.04 of this Appendix.
- 13.04 Replacement of Facilities and Spinning/Overlashing Additional Cables. CLEC may replace existing facilities with new facilities occupying the same pole, duct, or conduit space, and may spin or overlash additional cables to its own existing facilities; provided, however, that such activities shall not be considered to be routine maintenance and shall be subject to the requirements of this article. CLEC will be required to ensure pole loadings are not exceeded.
- 13.05 Streamlined Procedures for the Issuance of Amended Licenses. AT&T may streamline procedures for the issuance of amended licenses with respect to proposed additions, relocations, replacements, or modifications of CLEC's facilities when it appears to AT&T that the proposed additions, relocations, replacements, or modifications will not require make-ready work by AT&T, will not interfere with AT&T's use of its poles, conduit systems, or facilities attached or connected thereto or contained therein, and will not interfere with the use of existing facilities attached or connected thereto or contained therein by joint users.

ARTICLE 14: REARRANGEMENT OF CLEC'S FACILITIES

- 14.01 Notice of Planned Modifications. The parties acknowledge that the Pole Attachment Act recites in part that "Whenever the owner of a pole, duct, conduit, or right-of-way intends to modify or alter such pole, duct, conduit, or right-of-way, the owner shall provide written notification of such action to any entity that has obtained an attachment to such conduit or right-of-way so that such entity may have a reasonable opportunity to add to or modify its existing attachment." The parties further acknowledge that the FCC, in its First Report and Order in CC Docket No. 96-98, recites that "... absent a private agreement establishing notification procedures, written notification of a modification must be provided to parties holding attachments on the facility to be modified at least 60 days prior to the commencement of the physical modification itself." This article is intended by the parties to alter the above-described notification requirements only as provided in Section 14.02(b) below.
- 14.02 Rearrangement of CLEC's Facilities at AT&T's Request. CLEC acknowledges that, from time to time, it may be necessary or desirable for AT&T to rearrange facilities on or within its poles or conduit systems, change out poles, add poles to a pole line, relocate or reconstruct poles, pole lines, conduit segments, or conduit runs, enlarge manholes, reinforce conduit, or otherwise modify poles, pole lines, or portions of its conduit system and that such changes may be necessitated by AT&T's own business needs or by factors outside of

AT&T's control, such as the decision by a municipality to widen streets or the decision by another person or entity to seek access to AT&T's poles, ducts, conduits, or rights-of-way.

- (a) CLEC agrees that CLEC will cooperate with AT&T and joint users in making such rearrangements as may be necessary to enable such changes to be made and that costs incurred by CLEC in making such rearrangements shall, in the absence of a specific agreement to the contrary, be borne by the parties in accordance with then-applicable statutes, rules, regulations, and commission orders, including the Pole Attachment Act and rules, regulations and commission orders thereunder.
- (b) CLEC shall make all rearrangements of its facilities within 60 days after receiving written notification by AT&T of the required rearrangements. AT&T may request that such modification be made within a shorter period of time, in which event CLEC shall not refuse to comply such request without due cause and justification. In determining due cause and justification, the following factors, among others, may be considered:
 - (1) the circumstances under which the rearrangements are sought (e.g., street-widening project, request by a competing provider for access);
 - (2) the timeliness of AT&T's request to CLEC;
 - (3) the nature and number of rearrangements sought;
 - (4) the impact on the ability of the parties and joint users to meet customer service needs; and
 - (5) risks of service interruption to customers of the parties and joint users.
- (c) Nothing contained in this article shall preclude CLEC from advising AT&T, within 60 days from the date of the notice, of its desire to add to or modify its existing attachments.

ARTICLE 15: EMERGENCY REPAIRS AND POLE REPLACEMENTS

15.01 Applicability. The parties acknowledge that in the event of an emergency, services provided by the parties and joint users to their respective customers may be interrupted, that it may not be possible for all service providers with facilities attached to AT&T's poles to restore service to all customers at the same time, that disputes may arise between the parties concerning the manner in which emergency repairs shall be made, that it is essential that decisions be made quickly and that it is highly desirable that all service providers utilizing AT&T's poles, ducts, and conduits enter into appropriate arrangements relating to emergency repairs and service restoration. In the absence of prearranged agreements it is expected that disputes will be immediately resolved at the site among the affected parties based upon the criteria set forth in Section 15.05 of this Appendix. The parties further agree that the provisions of this article shall apply in the absence of more comprehensive agreements relating to emergency repairs.

15.02 Responsibility for Emergency Repairs; Access to Maintenance Duct. In general, each party plans and practices which will enable it to make such emergency repairs.

- (a) Nothing contained in this Appendix shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.
- (b) Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any person or entity (including but not limited to AT&T, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that a party using the maintenance duct for emergency repair activities shall immediately notify AT&T of such use and must either vacate the maintenance duct within 30 days or, with AT&T's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section

- within 30 days after such party occupies the maintenance duct. The parties agree not to exceed 30 days' use except in unusual emergencies that may require longer than 30 days to rectify.
- (c) If necessary, other unoccupied ducts may be used on a short-term basis when the maintenance duct is unavailable. Any such use shall be subject to the same rules applicable to the maintenance duct and shall be subject to the rights of any party or joint user to whom such duct has been assigned.
- 15.03 Designation of Emergency Repair Coordinators and Other Information. For each AT&T construction district, CLEC shall provide AT&T with the emergency contact number of CLEC's designated point of contact for coordinating the handling of emergency repairs of CLEC's facilities and shall thereafter notify AT&T of changes to such information.
- 15.04 Reporting of Conditions Requiring Emergency Repairs. CLEC shall notify AT&T at the earliest practicable opportunity after discovering any condition on or in any of AT&T's poles, ducts, conduits, or rights-of-way requiring emergency repairs to AT&T's facilities and AT&T shall notify CLEC at the earliest practicable opportunity after discovering any condition on or in any of AT&T's poles, ducts, conduits, or rights-of-way requiring emergency repairs to CLEC's facilities.
- 15.05 Order of Precedence of Work Operations; Access to Maintenance Duct and Other Unoccupied Ducts in Emergency Situations. When notice and coordination are practicable, AT&T, CLEC, and other affected parties shall coordinate repair and other work operations in emergency situations involving service disruptions. Disputes will be immediately resolved at the site by the affected parties in accordance with the following principles:
- (a) Emergency service restoration work requirements shall take precedence over other work operations.
- (b) Except as otherwise agreed upon by the parties, restoration of lines for emergency services providers (e.g., 911, fire, police, and hospital lines) shall be given the highest priority and temporary occupancy of the maintenance duct (and, if necessary, other unoccupied ducts) shall be assigned in a manner consistent with this priority. Secondary priority shall be given to restoring services to the local service providers with the greatest numbers of local lines out of service due to the emergency being rectified. The parties shall exercise good faith in assigning priorities and shall base their decisions on the best information then available to them at the site in question, and may, by mutual agreement at the site, take other factors into consideration in assigning priorities and sequencing service restoration activities.
- (c) AT&T shall determine the order of precedence of work operations and assignment of duct space in the maintenance duct (and other unoccupied ducts) only if the affected parties are unable to reach prompt agreement; provided, however, that these decisions shall be made by AT&T on a nondiscriminatory basis in accordance with the principles set forth in this section.
- 15.06 Unilateral Corrective Action. When AT&T or CLEC reasonably believes that, due to the condition of either party's facilities placed on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way, there is an immediate or imminent threat to the safety or health of employees or any other person, to the physical integrity or functioning of AT&T's or CLEC's facilities, or AT&T's or CLEC's ability to meet its service obligations, AT&T or CLEC may unilaterally perform such limited corrective work as may be necessary to prevent or mitigate against the injury threatened. For example, if facilities have become detached or partially detached from a pole, or detached or partially detached from supporting racks or wall supports within a manhole, AT&T or CLEC may reattach them as provided in this section but shall not be obligated to do so.
- (a) Before performing any corrective work involving facilities, AT&T or CLEC shall attempt to notify the other party. After such notice has been given, the parties shall coordinate corrective work.
- (b) When an emergency situation exists such that advance notice and coordination are not practicable, AT&T or CLEC may perform corrective work without first giving notice to the other, and shall promptly notify the other of the corrective work performed and the reason why notice was not given.

- 15.07 Emergency Pole Replacements. CLEC agrees to cooperate fully with AT&T when emergency pole replacements are required.
- (a) When emergency pole replacements are required, AT&T shall promptly make a good faith effort to contact CLEC to notify CLEC of the emergency and to determine whether CLEC will respond to the emergency in a timely manner.
 - (b) If notified by AT&T that an emergency exists which will require the replacement of a pole, CLEC shall transfer its facilities immediately, provided such transfer is necessary to rectify the emergency. If the transfer is to a AT&T replacement pole, the transfer shall be in accordance with AT&T's placement instructions.
 - (c) If CLEC is unable to respond to the emergency situation immediately, CLEC shall so advise AT&T and thereby authorize AT&T (or any joint user sharing the pole with AT&T) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on CLEC's behalf.
- 15.08 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with any emergency repairs of its facilities and transfers or rearrangements of its facilities associated with emergency pole replacements made in accordance with the provisions of this article.
- (a) Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.
 - (b) CLEC agrees to reimburse AT&T for the costs incurred by AT&T for work performed by AT&T on CLEC's behalf in accordance with the provisions of this article; provided, however, that when the costs incurred by AT&T are for work performed in part for CLEC and in part for AT&T and third parties, CLEC shall only reimburse AT&T for CLEC's share of the costs.

ARTICLE 16: INSPECTION BY AT&T OF CLEC'S FACILITIES

- 16.01 AT&T's Right to Make Periodic or Spot Inspections. AT&T shall have the right, but not the duty, to make periodic or spot inspections at any time of CLEC's facilities attached to AT&T's poles or placed within AT&T's ducts, conduits, or rights-of-way. Such inspection may be conducted for the purpose of determining whether facilities attached to AT&T's poles or placed in AT&T's conduit system are in compliance with the terms of this Appendix and licenses hereunder, AT&T may charge CLEC for inspection expenses only if the inspection reflects that CLEC is in substantial noncompliance with the terms of this Appendix. If the inspection reflects that CLEC's facilities are not in compliance with the terms of this Appendix, CLEC shall bring its facilities into compliance promptly after being notified of such noncompliance and shall notify AT&T in writing when the facilities have been brought into compliance.
- 16.02 Report of Inspection Results. AT&T will provide CLEC the results of any inspection of CLEC's facilities performed under Section 16.01 of this Appendix.
- 16.03 Post-Construction Inspections. AT&T, at CLEC's expense, may conduct a post-construction inspection of CLEC's attachment to AT&T's poles, conduits or rights-of-way for the purpose of determining the conformance of the attachments to the occupancy permit. AT&T will provide CLEC advance written notice of proposed date and time of the post-construction inspection. CLEC may accompany AT&T on the post-construction inspection.

ARTICLE 17: TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS

- 17.01 Facilities to Be Marked. CLEC shall tag or otherwise mark all of CLEC's facilities placed on or in AT&T's poles, ducts, conduits, and rights-of-way in a manner sufficient to identify the facilities as CLEC's facilities.
- 17.02 Removal of Untagged or Unauthorized Facilities. Subject to the provisions of subsections (a) through (c) of this section, AT&T may, without notice to any person or entity, remove from AT&T's poles or any part of AT&T's conduit system any untagged or unmarked facilities, including any such facilities owned or used by

CLEC, if AT&T determines that such facilities are not the subject of any current license authorizing their continued attachment to AT&T's poles or occupancy of AT&T's conduit system and are not otherwise lawfully present on AT&T's poles or in AT&T's conduit system.

- (a) Before removing any such untagged or unmarked facilities, AT&T shall first attempt to determine whether the facilities are being used by CLEC or any other firm, are authorized by any license subject to this Appendix, or are otherwise lawfully present on AT&T's poles or in AT&T's conduit system.
- (b) AT&T shall not remove untagged or unmarked facilities which are thought to be operational without first making reasonable efforts to (1) determine the identity of the owner or other person or entity thought to be responsible for the facilities and (2) give advance written notice to such person or entity.
- (c) If the facilities appear to be facilities which are subject to a current license granted to CLEC under this Appendix, or if the facilities are otherwise lawfully present on AT&T's poles or in AT&T's conduit system, AT&T shall give written notice to CLEC requesting CLEC to tag or mark the facilities within 60 days and CLEC shall either tag the facilities within 60-day period, advise AT&T in writing of its schedule for tagging the facilities, or notify AT&T in writing that it disclaims ownership of or responsibility for the facilities. If CLEC disclaims ownership of or responsibility for the facilities, CLEC shall disclose to AT&T the identity of the owner or other party thought by CLEC to be responsible for the facilities.
- (d) If any of CLEC's facilities for which no license is presently in effect are found attached to AT&T's poles or within any part of AT&T's conduit system or rights-of-way, AT&T shall send a written notice to CLEC advising CLEC that no license is presently in effect with respect to the facilities. Within 30 days of receiving such notice, CLEC shall acknowledge receipt of the notice and submit to AT&T, in writing, an application for a new or amended license with respect to such facilities. CLEC shall be liable to AT&T for all fees and charges associated with the unauthorized attachments. Such fees and charges shall continue to accrue until the unauthorized attachments are removed from AT&T's poles, conduits or rights-of-way or until a new or amended occupancy permit is issued and shall include, but not be limited to, all fees and charges which would have been due and payable if CLEC and its predecessors had continuously complied with all applicable AT&T licensing requirements. In addition, CLEC shall be liable for an unauthorized attachment fee in the amount of 5 times the annual attachment and occupancy fees in effect on the date CLEC is notified by AT&T of the unauthorized attachment or occupancy. CLEC shall also rearrange or remove its unauthorized facilities at AT&T's request to comply with applicable placement standards and shall remove its facilities from any space occupied by or assigned to AT&T or another entity within 30 days of receiving notice to do so. CLEC shall pay AT&T for all costs incurred by AT&T in connection with any rearrangements, modifications or replacements necessitated as a result of the presence of CLEC's unauthorized facilities. All fees and charges associated with the unauthorized attachments shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. If CLEC does not obtain a new or amended license with respect to unauthorized facilities within the specified period of time, AT&T shall by written notice advise CLEC to remove its unauthorized facilities within 60 days from the date of notice and CLEC shall remove the facilities within the time specified in the notice. If the facilities have not been removed within the time specified in the notice, AT&T may, at AT&T's option, remove CLEC's facilities at CLEC's expense.

17.03 Updating of Plant Location Records. CLEC shall furnish AT&T, upon request, with such information as may from time to time be necessary for AT&T to correct and update AT&T's pole and conduit maps and records, cable plat maps, and other plant location records, if any, recording or logging assignments of pole, duct, and conduit space.

ARTICLE 18: REMOVAL OF CLEC'S FACILITIES

- 18.01 Responsibility for Removing Facilities. CLEC shall be responsible for and shall bear all expenses arising out of in connection with the removal of its facilities from AT&T's poles, ducts, conduits, and rights-of-way. Such removals shall be performed in accordance with the provisions of this article.
- (a) CLEC shall give AT&T, when practicable, at least 30 days' advance notice in writing of its intent to remove facilities from any part of AT&T's conduit system and the proposed method of removal. The notice shall include the locations of the facilities to be removed, the name, telephone number of the manager responsible for the removal of the facilities, and the estimated dates when the removal of the facilities will begin and end.
 - (b) CLEC shall, if requested by AT&T to do so, place a pull mandrel (slug) through all or any specified part of the duct which was occupied by CLEC.
 - (c) Except as otherwise agreed upon in writing by the parties, CLEC must, after removing its facilities, plug all previously occupied ducts at the entrances to AT&T's manholes (if AT&T would itself plug the ducts under the same circumstances) in accordance with the standards set by AT&T for its operations, provided that such standards have been communicated in writing to CLEC at least 10 days in advance of the removal of CLEC's facilities.
 - (d) CLEC shall be solely responsible for the removal of its own facilities and for (1) paying all persons and entities which provide materials, labor, access to real or personal property, or other goods or services in connection with the removal of CLEC's facilities from AT&T's poles, ducts, conduits, or rights-of-way and (2) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
 - (e) When CLEC no longer intends to occupy space on a pole or in a conduit CLEC will provide written notification to AT&T that it wishes to terminate the license with respect to such space and will remove its facilities from the space described in the notice. Upon removal of CLEC's facilities, the license shall terminate and the space shall be available for reassignment.
- 18.02 Removal of Facilities Not in Active Use. At AT&T's request, CLEC shall remove from AT&T's poles, ducts, conduits, and rights-of-way any of CLEC's facilities which are no longer in active use; provided, however, that CLEC shall not be required to remove such facilities when due cause and justification exists for allowing them to remain in place. CLEC shall not be required to remove retired or inactive (dead) cables that have been overlashed by other facilities which remain in active use unless removal expenses are paid by the person or entity requesting removal of such facilities. CLEC shall not be required to remove cables that would require excavation to remove unless the person or entity requesting removal of such cables bears the expenses of such excavation in a manner analogous to the provisions of Section 10.02(c) of this Appendix. CLEC shall not abandon any of its facilities by leaving them on AT&T's poles, in AT&T's ducts, conduits, or rights-of-way, at any location where they may block or obstruct access to AT&T's poles or any part of AT&T's conduit system, or on any public or private property (other than property owned or controlled by CLEC) in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
- 18.03 Removal Following Termination of License. CLEC shall remove its facilities from AT&T's poles, ducts, conduits, or rights-of-way within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after termination of the license authorizing the attachment of such facilities to AT&T's poles or the placement of such facilities in AT&T's ducts, conduits, or rights-of-way.
- 18.04 Removal Following Replacement of Facilities. Except as provided in Section 18.02, CLEC shall remove facilities no longer in service from AT&T's poles or conduit system within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after the date CLEC replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit; provided, however, that removal of facilities from the maintenance duct shall be governed by Sections 12.04, 13.03, and 15.02 of this Appendix and not by this subsection.

- 18.05 Notice of Completion of Removal Activities. CLEC shall give written notice to AT&T stating the date on which the removal of its facilities from AT&T's poles, ducts, conduits, and rights-of-way has been completed. Charges shall continue to accrue with respect to such facilities until CLEC's facilities have been removed, pull mandrels (slugs) have been pulled if required by Section 18.01(b) of this Appendix, CLEC has plugged all previously occupied ducts at the entrances to AT&T's manholes as required by Section 18.01(c) of this Appendix, and the notice required by this section has been given.
- 18.06 Notice of AT&T's Intent to Remove Facilities. If CLEC fails to remove its facilities from AT&T's poles or conduit system, in accordance with the provisions of Sections 18.01 and 18.05 of this Appendix, AT&T may remove such facilities 60 days after giving CLEC written notice of its intent to do so. The notice shall state:
- (a) the date when AT&T plans to commence removal of CLEC's facilities, and that CLEC may remove the facilities at CLEC's sole cost and expense at any time before the date specified;
 - (b) AT&T's plans with respect to disposition of the facilities removed; and
 - (c) that CLEC's failure to remove the facilities or make alternative arrangements with AT&T for removal and disposition of the facilities shall constitute an abandonment of the facilities and of any interest therein.
- 18.07 Removal of Facilities by AT&T. If AT&T removes any of CLEC's facilities pursuant to this article, CLEC shall reimburse AT&T for AT&T's costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.
- 18.08 Reattachment or Subsequent Attachment Following Removal. After CLEC's facilities have been properly removed pursuant to the provisions of this article, neither the removed facilities nor replacement facilities shall be attached to AT&T's poles or placed in AT&T's conduit system until CLEC has first submitted new applications for the facilities and complied with the provisions of this Appendix.
- 18.09 Termination of Licenses After Removal of Facilities. CLEC agrees to provide written notice to AT&T when it ceases to use facilities attached to AT&T's poles or placed in any part of AT&T's conduit system. Upon the giving of such notice and the removal of such facilities, CLEC's license with respect to such facilities and the space occupied by those facilities shall terminate.

ARTICLE 19: RATES, FEES, CHARGES, AND BILLING

- 19.01 Application Fees. AT&T will charge CLEC an Application Fee for each application requesting access to poles, conduits and rights-of-way, as set forth in the Pricing Schedule.
- 19.02 Semiannual Attachment and Occupancy Fees. AT&T's semiannual fees for attachments to AT&T's poles and occupancy of AT&T's ducts and conduits are specified in Exhibit I. For all attachments to AT&T's poles and occupancy of AT&T's ducts and conduits, CLEC agrees to pay AT&T's semiannual charges as specified in Exhibit I.
- 19.03 Billing for Attachment and Occupancy Fees. Semiannual attachment and occupancy fees under this Appendix and licenses issued hereunder shall be payable in advance. Fees for pole attachments shall be based on the number of poles attachments for which licenses have been issued as of the date of billing by AT&T, shall be determined in accordance with the schedule of charges set forth in Exhibit I, and shall be payable semiannually in advance. Fees for conduit occupancy shall be based on the number of duct feet subject to occupancy by CLEC under licenses issued as of the date of billing by AT&T, shall be determined in accordance with the schedule of charges set forth in Exhibit I, and shall be payable semiannually in advance. Pole attachment and conduit occupancy space assigned to CLEC prior to the issuance of a license shall be billed in the same manner as if a license had been issued.
- (a) Bills shall be submitted to CLEC for two semiannual billing periods, the first period including charges for the months of January through June and the second including charges for the months of July through December.

- (b) Charges associated with newly licensed pole attachments and conduit occupancy shall be prorated on a daily basis and billed with the next semiannual bill.
 - (c) Charges shall be adjusted and retroactively prorated on a daily basis following the removal of CLEC's facilities (in accordance with Article 18) and shall be retroactively adjusted as a credit on the next semiannual bill.
- 19.04 Pre-license Survey Fees. With respect to pre-license surveys conducted by AT&T pursuant to Section 9.05 of this Appendix, AT&T may charge CLEC cost-based pre-license survey fees pursuant to such methodologies as shall be approved by the Missouri Public Service Commission following the filing of AT&T of any required study providing cost justification for the imposition of pre-license survey fees.
- 19.05 Make-Ready Charges. CLEC agrees to pay make-ready charges, if any, as specified in this section. AT&T may recover from CLEC the costs of make-ready work performed by AT&T or persons acting on AT&T's behalf. AT&T may not require payment of the full amount in advance. CLEC will pay half of AT&T's make-ready charges after 50% completion of work, and the remainder at completion. Bills and invoices submitted by AT&T to CLEC for make ready charges shall be due and payable 30 days after the date of the bill or invoice.
- 19.05 Charges for Work Performed by AT&T Employees. Except as otherwise specifically required by applicable commission orders, AT&T's charges to CLEC for worked performed by AT&T employees pursuant to this Appendix shall be computed by multiplying the fully loaded hourly rates for such employees times the number of hours required to perform the work. Disputes over AT&T's charges for work performed by AT&T employees, including disputes between the parties concerning the number of hours required to perform the work, shall be subject to the dispute resolution procedures of Article 30. Notwithstanding the execution of this Appendix, CLEC shall have the right to challenge the methodology utilized by AT&T to determine hourly rates for AT&T employees at any time in any forum having jurisdiction over the subject matter.
- 19.06 Due Date for Payment. For all fees and charges other than make ready charges, each bill or invoice submitted by AT&T to CLEC for any fees or charges under this Appendix shall state the date that payment is due, which date shall be not less than 60 days after the date of the bill or invoice. CLEC agrees to pay each such bill or invoice on or before the stated due date.

ARTICLE 20: PERFORMANCE AND PAYMENT BONDS

- 20.01 Bond May Be Required. AT&T may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute performance and payment bonds (or provide other forms of security) in amounts and on terms sufficient to guarantee the performance of their respective obligations arising out of or in connection with this Appendix only as provided in subsections (a) through (b) of this section. Bonds shall not be required for entities meeting all self-insurance requirements of Section 22.02 of this Appendix.
- (a) If CLEC elects to perform facilities modification, capacity expansion, or make-ready work under Section 6.08(c) or Sections 10.02-10.05 of this Appendix, AT&T may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute bonds equivalent to those which would be required by AT&T if the work had been performed by contractors, subcontractors, or other persons selected directly by AT&T. No bonds shall be required of CLEC, authorized contractors, or other persons acting on CLEC's behalf except in those situations where a bond would be required if the work were being performed on AT&T's behalf.
 - (b) No other bond shall be required of CLEC to secure obligations arising under this Appendix absence of due cause and justification.
 - (c) If a bond or similar form of assurance is required of CLEC, an authorized contractor, or other person acting on CLEC's behalf, CLEC shall promptly submit to AT&T, upon request, adequate proof that the bond remains in full force and effect and provide certification from the company issuing the bond that

- the bond will not be canceled, changed or materially altered without first providing AT&T 60 days written notice.
- (d) AT&T may communicate directly with the issuer of any bond issued pursuant to this section to verify the terms of the bond, to confirm that the bond remains in force, and to make demand on the issuer for payment or performance of any obligations secured by the bond.

ARTICLE 21: INSURANCE

21.01 Insurance Required. CLEC shall comply with the insurance requirements specified in this section.

- (a) Unless CLEC has provided proof of self-insurance as permitted in Section 22.02 below, CLEC shall obtain and maintain in full force and effect, for so long as this Appendix remains in effect, insurance policies specified in Exhibit IV of this Appendix. Each policy shall name AT&T as an additional insured and shall include provisions requiring the insurer to give AT&T notice of any lapse, cancellation, or termination of the policy or any modification to the policy affecting AT&T's rights under the policy, including but not limited to any decrease in coverage or increase in deductibles.
- (b) Exclusions from coverage or deductibles, other than those expressly permitted in EXHIBIT IV, must be approved in writing by AT&T.
- (c) Authorized contractors and other contractors performing work on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way on CLEC's behalf shall be required to meet the same insurance requirements applicable to contractors performing similar work on AT&T's behalf. CLEC shall be responsible for securing compliance by its contractors with this requirement and shall be liable to AT&T for any damages resulting from its failure to do so.
- (d) Self-insurance shall be permitted for persons and entities (including but not limited to CLEC and authorized contractors) meeting the self-insurance requirements set forth in Section 22.02 of this Appendix.

21.02 Proof of Insurance or Self-insurance. Proof of insurance or self-insurance shall be made pursuant to the provisions of this section.

- (a) CLEC shall submit to AT&T adequate proof (as determined by AT&T) that the companies insuring CLEC are providing all coverages required by this Appendix. CLEC's insurers shall provide AT&T with certifications that the required coverages will not be canceled, changed, or materially altered (e.g., by increasing deductibles or altering exclusions from coverages) except after 30 days written notice to AT&T.
- (b) AT&T will accept certified proof of a person or entity's qualification as a self-insurer for Workers' Compensation and Employers Liability, where self-insurance is permitted, upon receipt of a current copy of a Certificate of Authority to Self-insure issued by the Workers' Compensation Commission of this State. AT&T will accept self-insurance by a person or entity in lieu of other Commercial General Liability and Automobile Liability Coverage if such person or entity warrants that its net worth, as shown by its most recent audited financial statement with no negative notes, is at least 10 times the minimum liability limits set forth in Exhibit IV and AT&T is satisfied that such person or entity will be able to meet its liability obligations under this Appendix.

21.03 Licensing Contingent on Proof of Insurance. All insurance required in accordance with Exhibit IV, or self-insurance as permitted in Section 22.02, must be in effect before AT&T will issue pole attachment or conduit occupancy licenses under this Appendix and shall remain in force until all of CLEC's facilities have been removed from AT&T's poles, ducts, conduits, and rights-of-way.

21.04 Failure to Obtain or Maintain Coverage. CLEC's failure to obtain and maintain the required levels and types of insurance coverage required under this Appendix may be grounds for termination of this Appendix and licenses subject to policies of insurance required under this Appendix will be canceled or changed in any

manner which will result in CLEC's failure to meet the requirements of this Appendix, AT&T may terminate this Appendix and all licenses subject to this Appendix not less than 60 days after giving CLEC written notice of its intention to do so, and such termination shall be effective on the termination date specified in the notice unless CLEC has obtained (or made arrangements satisfactory to AT&T to obtain) the required coverage from another source. In the alternative, AT&T may, in its sole discretion, elect to take such action as may be necessary to keep the policy in effect with the required coverages.

ARTICLE 22: TERMINATION OF AGREEMENT OR LICENSES; REMEDIES FOR BREACHES

- 22.01 Termination of Appendix Due to Non-Use of Facilities. CLEC shall, by written notice to AT&T, terminate this Appendix if CLEC ceases to do business in this State, or ceases to make active use of AT&T's poles, ducts, conduits, and rights-of-way in this State.
- 22.02 Limitation, Termination, or Refusal of Access Due to Certain Material Breaches. CLEC's access to AT&T's poles, ducts, conduits, and rights-of-way will not materially interfere with or impair service over any facilities of AT&T or any joint user, cause material damage to AT&T's plant or the plant of any joint user, impair the privacy of communications carried over the facilities of AT&T or any joint user, or create serious hazards to health or safety of any persons working on, within, or in the vicinity of AT&T's poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, AT&T may limit, terminate or refuse access if CLEC violates this provision; provided, however, that such limitation, termination or refusal will be limited to CLEC's access to poles, ducts, conduits, and rights-of-way located in the AT&T construction district in which the violation occurs, shall be as narrowly limited in time and geographic scope as may be necessary to enable CLEC to adopt suitable controls to prevent further violations, and shall be subject to review, at CLEC's request, pursuant to the dispute resolution procedures set forth in this Appendix (or, if applicable, the parties' Interconnection Agreement) or, as permitted by law, before any court, agency, or other tribunal having jurisdiction over the subject matter. In the event CLEC invokes dispute resolution procedures or seeks review before a court, agency, or other tribunal having jurisdiction over the subject matter, the limitation, termination, or refusal of access may be stayed or suspended by agreement of the parties or by order of the tribunal having jurisdiction over the parties' dispute.
- 22.03 Notice and Opportunity to Cure Breach. In the event of any claimed breach of this Appendix by either party, the aggrieved party may give written notice of such claimed breach as provided in this section.
- (a) The notice shall set forth in reasonable detail:
 - (1) the conduct or circumstances complained of, together with the complaining party's legal basis for asserting that a breach has occurred;
 - (2) the action believed necessary to cure the alleged breach; and
 - (3) any other matter the complaining party desires to include in the notice.
 - (b) Except as provided in Section 24.02 and subsection (c) of this section, the complaining party shall not be entitled to pursue any remedies available under this Appendix or relevant law unless such notice is given and (1) the breaching party fails to cure the breach within 30 days of such notice, if the breach is one which can be cured within 30 days, or (2) the breaching party fails to commence promptly and pursue diligently a cure of the breach, if the required cure is such that more than 30 days will be required to effect such cure; provided, however, that nothing contained in this section shall preclude either party from invoking the dispute resolution procedures set forth in Article 30 of this Appendix, or any complaint or dispute resolution procedures offered by the FCC or State Commission, at any time.
 - (c) Nothing contained in this section shall preclude either party from filing a complaint or bringing suit in any court, agency, or other tribunal of competent jurisdiction to restrain or enjoin any conduct of the other party which threatens the complaining party with irreparable injury, loss or damage without first giving the notice otherwise required by subsection (b).

ARTICLE 23: CONFIDENTIALITY OF INFORMATION

- 23.01 Information Provided by CLEC to AT&T. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by CLEC to AT&T in connection with this Appendix (including but not limited to information submitted in connection with CLEC's applications for the assignment of pole attachment and occupancy space and for pole attachment and conduit occupancy licenses) shall be deemed to be "Confidential" or "Proprietary" information of CLEC and shall be subject to the terms set forth in this article. Confidential or Proprietary information specifically includes information or knowledge related to CLEC's review of records regarding a particular market area, or relating to assignment of space to CLEC in a particular market area, and further includes knowledge or information about the timing of CLEC's request for or review of records or its inquiry about AT&T facilities. This article does not limit the use by AT&T of aggregate information relating to the occupancy and use of AT&T's poles, ducts, conduits, and rights-of-way by firms other than AT&T (that is, information submitted by CLEC and aggregated by AT&T in a manner that does not directly or indirectly identify CLEC).
- 23.02 Access Limited to Persons with a Need to Know. Confidential or Proprietary information provided by CLEC to AT&T in connection with this Appendix shall not be disclosed to, shared with, or accessed by any person or persons (including but not limited to personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities) other than those who have a need to know such information for the limited purposes set forth in Sections 28.03 to 28.06.
- 23.03 Permitted Uses of CLEC's Confidential or Proprietary Information. AT&T and persons acting on AT&T's behalf, except for personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities, may utilize CLEC's Confidential or Proprietary information for the following purposes (a) posting information, as necessary, to AT&T's outside plant records; (b) placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing AT&T's poles, ducts, conduits, and rights-of-way and any AT&T facilities located on, within, or in the vicinity of such poles, ducts, conduits, and rights-of-way; (c) performing AT&T's obligations under this Appendix and similar agreements with third parties; (d) performing AT&T's general obligations to afford nondiscriminatory access to telecommunications carriers and cable television systems under the Pole Attachment Act; (e) determining which of AT&T's poles, ducts, conduits, and rights-of-way are (or may in the future be) available for AT&T's own use, and making planning, engineering, construction, and budgeting decisions relating to AT&T's poles, ducts, conduits, and rights-of-way; (f) preparing cost studies; (g) responding to regulatory requests for information; (h) maintaining AT&T's financial accounting records; and (i) complying with other legal requirements relating to poles, ducts, conduits, and rights-of-way.
- 23.04 Access by Third Parties. Information reflecting the assignment of pole attachment and conduit occupancy space to CLEC may be made available to personnel of third parties seeking access to AT&T's records under provisions, and subject to protections, equivalent to those contained in and required by Section 7.03 of this Appendix.
- 23.05 Defense of Claims. In the event of a dispute between AT&T and any person or entity, including CLEC, concerning AT&T's performance of this Appendix, satisfaction of obligations under similar agreements with third parties, compliance with the Pole Attachment Act, compliance with the Telecommunications Act of 1996, or compliance with other federal, state, or local laws, regulations, commission orders, and the like, AT&T may utilize Confidential or Proprietary information submitted by CLEC in connection with this Appendix as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that AT&T shall not disclose CLEC's Proprietary or Confidential Information without first, at AT&T's option, (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of the information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena or order and the opportunity to protect the Proprietary or Confidential Information.

- 23.06 Response to Subpoenas, Court Orders, and Agency Orders. Nothing contained in this article shall be construed as precluding AT&T from complying with any subpoena, civil or criminal investigative demand, or other order issued or entered by a court or agency of competent jurisdiction; provided, however, that AT&T shall not disclose CLEC's proprietary or confidential information without first, at AT&T's option: (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of CLEC's information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.
- 23.07 Other Uses of Confidential Information. No other uses of Confidential or Proprietary information received from CLEC pursuant to this Appendix are authorized or permitted without CLEC's express written consent.

SOUTHWESTERN BELL TELEPHONE COMPANY d/b/a AT&T MISSOURI
BY AT&T OPERATIONS, INC., ITS AUTHORIZED AGENT

By: _____
Signature of AT&T's Authorized Officer/Employee:

Name of AT&T's Authorized Officer/Employee (Printed or Typed)

Position/Title of AT&T's Authorized Officer/Employee

Date

NAVIGATOR TELECOMMUNICATIONS, LLC.

By: _____
Signature of CLEC's Authorized Officer/Employee

Name of CLEC's Authorized Officer/Employee (Printed or Typed)

Title of CLEC's Authorized Officer/Employee

Date

EXHIBIT II IDENTIFICATION OF APPLICANT (MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Applicant's legal name is: _____.

Applicant's principal place of business is located in the State of _____.

Applicant does business under the following assumed names:

_____.

Applicant is:

a corporation organized under the laws of the State of _____,
charter no. _____;

a partnership organized under the laws of the State of _____;
or

another entity, as follows:

_____.

Applicant represents that Applicant is:

(1) a cable system (as defined in 47 U.S.C. §§ 153(37) and 522(7)) seeking a pole attachment or conduit occupancy license solely to provide cable service (as defined in 47 U.S.C. § 522(6));

(2) a telecommunications carrier, as defined in 47 U.S.C. § 153(49), as modified by 47 U.S.C. § 224;
or

(3) a person or entity which is neither (1) nor (2) above, as follows:

EXHIBIT III ADMINISTRATIVE FORMS AND NOTICES (MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached and contains administrative forms referred to in the Master Agreement or used in connection with the provision of access to AT&T's poles, ducts, conduits, and rights-of-way. The forms are forms presently in use and have not been fully conformed to the Master Agreement. The forms may be further revised by AT&T to conform to the Master Agreement and revised from time to time to reflect changes in the applicable law, changes in the Master Agreement, and changes in the procedures through which access to poles, ducts, conduits, and rights-of-way is afforded by AT&T to CLEC and others.

- SW-9433: Pole Attachments
- SW-9434: Access Application and Make-Ready Authorization
- SW-9435: Conduit Occupancy
- SW-9436A: Notification of Surrender or Modification of Pole Attachment License by Licensee
- SW-9436B: Notification of Surrender or Modification of Conduit Occupancy License by Applicant
- SW-9436C: Notification of Unauthorized Attachments by Applicant

EXHIBIT IV INSURANCE REQUIREMENTS (MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

- 1) Premises. As used in this Exhibit, the term "premises" refers to any site located on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way and any location where CLEC or any person acting on CLEC's behalf may be physically present while traveling to or departing from any such site.
- 2) Requirements Applicable to CLEC and All Persons and Entities Acting on CLEC's Behalf. CLEC shall maintain, at all times during the term of this Agreement, all insurance and coverages set forth below. Such insurance and coverages shall not only cover CLEC but all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at the premises described in 1) above. CLEC should require that all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at premises described in 1) above obtain the same insurance and coverages.
- 3) Workers' Compensation Insurance. CLEC shall maintain, at all times during the term of the Agreement, Workers' Compensation Insurance and Employer's Liability Insurance with minimum limits of \$100,000 for bodily injury-each accident, \$100,000 for bodily injury by disease-each employee, and \$500,000 for bodily injury by disease-policy limits, for all employees performing work or otherwise present on the premises described in 1) above. Such insurance must comply with the Workers' Compensation laws of this State and shall provide coverage, at a minimum, for all benefits required by such Worker's Compensation laws. CLEC shall require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide Workers' Compensation Insurance and Employer's Liability Insurance for their respective employees unless such employees are covered by the protection afforded by CLEC.
- 4) General Liability Insurance. To protect AT&T from any liability for bodily injury or property damage, CLEC shall maintain, at all times during the term of the Master Agreement, General Liability insurance satisfactory to AT&T. AT&T shall be added as an additional insured in the standard policy or an endorsement thereto. CLEC shall also require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide General Liability coverage with the same limits and with AT&T added as an additional insured unless such contractor, subcontractor, or other person or entity is covered by the General Liability protection afforded by CLEC.
 - a) The following coverages must be included in (and may not be excluded from) the policy or policies obtained to satisfy the General Liability insurance requirements of CLEC and any contractor, subcontractor, or other person or entity acting on CLEC's behalf. The coverages may be provided by the standard policy or endorsements thereto. Exclusion endorsements deleting these coverages will not be accepted.
 1. Personal Injury and Advertising Injury coverage.
 2. Premises/Operations coverage, including also coverage for any newly acquired ownership or controlled premises or operations.
 3. Independent Contractors coverage to provide protection for CLEC's contractors, subcontractors, and other persons or entities acting on CLEC's behalf.
 4. Explosion, Collapse, and Underground Hazard (XCU) coverage.
 5. Completed Operations coverage providing for bodily injury and property damage liabilities which may occur once the operations have been completed or abandoned.
 6. Contractual Liability coverage to provide financial responsibility for CLEC to meet its indemnification obligations.

7. Broad Form Property Damage (BFPD) coverage for damage to property in the care or custody of CLEC and damage to work performed by or on behalf of CLEC.
 - b) Minimum policy limits shall be as follows:
 - General Aggregate Limit: \$2,000,000.
 - Sublimit for all bodily injury, property damages, or medical expenses incurred in any one occurrence: \$1,000,000.
 - Sublimit for personal injury and advertising: \$1,000,000.
 - Products/Operations Aggregate Limit: \$1,000,000.
 - Each occurrence sublimit for Products/Operations: \$1,000,000.
 - c) No coverage shall be deleted from the standard policy without notification of individual exclusions being attached for review and acceptance.
 - d) Policy language or endorsements adding AT&T as an additional insured shall not include exclusions or exceptions which defeat the purpose of protecting AT&T from any liability for bodily injury or property damage arising out of CLEC's operations.
- 5) Automobile Liability Insurance. The parties contemplate that CLEC and personnel acting on CLEC's behalf will utilize automobiles, trucks, and other motor vehicles on public and private property, including public rights-of-way, in the vicinity of AT&T's poles, ducts, conduits, and rights-of-way. Accordingly, CLEC shall maintain, at all times during the term of the Agreement, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property damage which may arise out of the operation or use of motor vehicles of any type. Coverage shall extend to "any auto" -- that is, coverage shall be extended to all owned, non-owned, and hired vehicles used by CLEC or by any person or entity acting on CLEC's behalf in connection with any work performed, or to be performed, on, within, or in the vicinity of AT&T's poles, ducts, conduits, or rights-of-way.
- 6) Layering of General Liability and Automobile Liability coverages. CLEC's insurance may be written via a primary policy with either an excess or umbrella form over the primary policy. If coverage is written in this manner, the total of the combined policy limits must meet or exceed the minimum limits specified in the Agreement.
- 7) Deductibles. No deductibles shall be allowed without the express written consent of AT&T.
- 8) Claims Made Policies. Claims Made Policies will not be accepted.
- 9) Proof of Insurance. Certificates of Insurance stating the types of insurance and policy limits provided the insured, or other proof of insurance satisfactory to AT&T, must be received by AT&T prior to the issuance of any licenses pursuant to the Agreement and before CLEC or any person acting on CLEC's behalf performs any work on the premises described in 1) above.
- a) Certificates of Insurance using the insurance industry standard ACORD form are preferred.
 - b) Certificates provided with respect to General Liability policies and certificates provided with respect to Automobile Liability policies shall indicate AT&T as an Additional Insured.
 - c) Deductibles, if permitted, shall be listed on the Certificate of Insurance.
 - d) The cancellation clause on the certificate of insurance shall be amended to read as follows:

"SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED BEFORE THE EXPIRATION DATE, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT."

A certificate which does not include the phrase "or materially changed" does not meet AT&T's requirements. A certificate reciting that the issuing company will "endeavor to" mail 30 days written notice to the certificate holder does not meet AT&T's requirements. The language "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents, or representatives" or similar language must be deleted from the certificate.

- e) The certificate holder shall be:

Missouri (Includes Area Code 314, 557, 573, 636, 660)
Structure Access Manager

12930 Olive Blvd

2nd Floor

Creve Coeur, Mo. 63141

(314) 275-0083

- f) Failure to object to any coverage described in a certificate shall not constitute written permission from AT&T to any variance from or alteration of any requirement set forth in this Exhibit and shall not be construed as a waiver by AT&T of any rights under the Agreement.

- 10) Rating of Insurers. AT&T requires that companies affording insurance coverage have a B+VII or better rating, as rated in the current A.M. Best Key Rating Guide for Property and Casualty Insurance Companies.
- 11) Self-insurance. If authorized in the Master Agreement, self-insurance shall be allowed in lieu of the above requirements upon CLEC's submission of proof that it has met the self-insurance requirements stated in the Master Agreement.

EXHIBIT V NONDISCLOSURE AGREEMENT (MISSOURI)

Nondisclosure Agreement (AT&T Pole, Duct, Conduit, and Right-of-Way)

This Nondisclosure Agreement, effective as of the ___ day of _____, 2010, has been entered into by and between AT&T ("AT&T"), and the undersigned person or firm ("Recipient") as a condition of access to certain records and information maintained by AT&T. The parties stipulate and agree as follows:

- 1) AT&T maintains records and information, including but not limited to outside plant engineering and construction records, which relate to poles, ducts, conduits, and rights-of-way which AT&T owns or controls. AT&T represents that such records and information are not made generally available for inspection or copying by the public and include business, economic, and engineering information (including but not limited to plans, designs, maps, diagrams, cable counts and cable-specific information, circuit records, and other competitively sensitive information) which AT&T intends to keep secret and which has economic value by virtue of not being generally known to or readily ascertainable by the public, including AT&T's competitors.
- 2) AT&T has agreed to make certain of its records and information relating to poles, ducts, conduits, and rights-of-way available to cable television systems and telecommunications carriers who are presently entitled under federal law to have access to the poles, ducts, conduits, and rights-of-way owned or controlled by AT&T.
- 3) Recipient represents that Recipient is a cable television system or telecommunications carrier entitled under federal law to access to poles, ducts, conduits, and rights-of-way owned or controlled by AT&T, or, if an individual, that he or she is acting on behalf of _____, which is such a cable television system or telecommunications carrier. Recipient further represents that Recipient is seeking access to AT&T's records and information relating to poles, ducts, conduits, and rights-of-way for the limited purpose of enabling engineering and construction personnel employed by or acting on behalf of such cable television system or telecommunications carrier to make engineering and construction decisions necessary to utilize AT&T's poles, ducts, conduits, and rights-of-way.
- 4) AT&T agrees that permitted uses of records and information concerning AT&T's poles, ducts, conduits, and rights-of-way are (a) determining which poles, ducts, conduits, and rights-of-way owned or controlled by AT&T are available for use by such cable television systems or telecommunications carriers as permitted by federal law, (b) designing, engineering, constructing, installing, maintaining, and removing equipment which is to be attached to or placed within such poles, ducts, conduits, and rights-of-way, and (c) contesting decisions, if any, by AT&T not to provide access to such poles, ducts, conduits, and rights-of-way as requested. No other uses of such records or information are authorized or permitted under this Agreement.
- 5) Recipient agrees that Recipient will not use, or permit any other person or entity to use or have access to AT&T's records and information relating to poles, ducts, conduits, or rights-of-way or information for any purpose other than the limited purposes stated in 4) above and that such records and information shall not be disclosed or shared with any person or persons other than those who have a need to know such information for such limited purposes. Recipient specifically agrees that such records and information shall not be used or accessed by any person involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities. Recipient further agrees that Recipient shall not furnish copies of such records or disclose information contained in such records to any person or entity which has not executed and delivered to AT&T a counterpart of this Agreement prior to receipt of such copies or information.
- 6) Recipient agrees that Recipient will not without AT&T's express written authorization copy, duplicate, sketch, draw, photograph, download, photocopy, scan, replicate, transmit, deliver, send, mail, communicate, or convey any of AT&T's records relating to poles, ducts, conduits, or rights-of-way. Recipient further agrees that Recipient will not conceal, alter, or destroy any AT&T records furnished to Recipient pursuant to this Agreement.

- 7) Notwithstanding the provisions of 6) above, and except as provided in 8) below, Recipient may copy, take notes from, make, and use (for the limited purposes specified herein) drawings with reference to the following records provided by AT&T to Recipient for inspection: pole and conduit route maps, cable plat maps, and plant location records reflecting approximate locations of AT&T's existing poles, ducts, conduits, and rights-of-way. All such copies, notes, and drawings (whether in hardcopy or electronic form) shall be marked with the legend: "PROPRIETARY INFORMATION: NOT FOR USE BY OR DISCLOSURE TO ANY PERSON WHO HAS NOT EXECUTED A NONDISCLOSURE AGREEMENT (AT&T POLE, DUCT, CONDUIT, AND RIGHT-OF-WAY)."
- 8) No references to cable counts, cable designations or cable-specific information, circuit information, or customer-specific information of any kind may be included in any copies, notes, or drawings made pursuant to 7) above; provided, however, that Recipient may make estimates regarding the physical characteristics (such as size and weight) of the cables being surveyed when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of AT&T's poles, ducts, conduits, or rights-of-way for Recipient/Applicant's intended uses.
- 9) All records and information relating to poles, ducts, conduits, and rights-of-way provided to Recipient/Applicant by AT&T (whether in writing, orally, or in electronic or other formats) shall be deemed to be proprietary information subject to this Agreement without regard to whether such information, at the time of disclosure, has been marked with restrictive notations such as "Proprietary," "Restricted Proprietary," "Confidential," "Not to Be Copied or Reproduced," or the like.
- 10) This Agreement applies only to records and information provided to Recipient by AT&T and does not apply to records and information obtained by Recipient from other lawful sources.
- 11) This Agreement does not prohibit the disclosure of records or information in response to subpoenas and/or orders of a governmental agency or court of competent jurisdiction. In the event Recipient receives an agency or court subpoena requiring such disclosure, Recipient shall immediately, and in no event later than five calendar days after receipt, notify AT&T in writing.
- 12) The Parties agree that, in the event of a breach or threatened breach of this Agreement, AT&T may seek any and all relief available in law or in equity as a remedy for such breach, including but not limited to monetary damages, specific performance, and injunctive relief. The Parties acknowledge that AT&T's records and information relating to poles, ducts, conduits, and rights-of-way include valuable and unique information and that disclosure of such information (including circuit information) will result in irreparable injury to AT&T. In the event of any breach of this Agreement for which legal or equitable relief is sought, AT&T shall be entitled to recover from Recipient all reasonable attorney's fees and other reasonable costs (including but not limited to fees of expert witnesses) incurred by AT&T in connection with the prosecution of its claims against Recipient.
- 13) This Agreement shall be effective on the effective date shown above and shall remain in full force and effect until terminated by either party as provided herein. Either party may, at any time, with or without cause, terminate this Agreement by giving the other party 60 days' advance written notice of its decision to terminate. The parties further agree that termination of this Agreement shall have no effect on the duty of any person or entity, including Recipient, to abide by all terms of this Agreement with respect to records and information received by Recipient while this Agreement is in effect.
- 14) This Agreement shall benefit and be binding on the parties below and their respective heirs, successors, and assigns.
- 15) This Agreement will be governed by the laws of the State of ILLINOIS.
- 16) This Agreement sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof, and none of the terms of this Agreement may be amended or modified except by written instrument signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, or caused this Agreement to be executed by their duly authorized representatives, in duplicate, as of the dates set forth below.

(Print or Type Name)

Southwestern Bell Telephone Company
Recipient d/b/a AT&T Missouri

By _____
Signature of Recipient or Representative

By _____
Signature

Name (Printed or Typed)

Name (Printed or Typed)

Address

Address

City, State, and Zip Code

City, State, and Zip Code

Phone

Phone

Date

Date

EXHIBIT VI NOTICES TO CLEC (MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached. Notices to be sent to the CLEC include, but are not limited to, notices under the following provisions of the Master Agreement.

- 4.03(a) No Effect on AT&T's Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way.
- 8.XX All Notifications in Article 8
- 9.XX All Notifications in Article 9
- 10.05(a) Make-Ready Work
- 17.02 (b) Removal of Untagged or Unauthorized Facilities
- 17.02 (c) Removal of Untagged or Unauthorized Facilities
- 17.02 (d) Removal of Untagged or Unauthorized Facilities
- 18.06 Notice of AT&T's Intent to Remove Facilities
- 21.04 Failure to Obtain or Maintain Coverage
- 22.02 Limitation, Termination, or Refusal of Access Due to Certain Material Breaches

EXHIBIT VII NOTICES TO AT&T (MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Structure Access Manager. Except as otherwise stated in this Exhibit, all notices to AT&T shall be given to the Structure Access Manager designated in EXHIBIT VIII of the Master Agreement. The Structure Access Manager is generally responsible for coordinating applications for access to AT&T's poles, ducts, conduits, and rights-of-way and serving as CLEC's initial point of contact for matters arising out of or in connection with the administration of the Master Agreement. Notices to the Structure Access Manager shall be given in writing in the manner prescribed in Section 29.02. Notices to be sent to the Structure Access Manager include, but are not limited to, notices under the following provisions of the Master Agreement.

- 7.01 Notification of Designation of Primary Point of Contact
- 7.03(a) Notification of intent to review records
- 8.XX All Notifications in Article 8
- 9.XX All Notifications in Article 9
- 10.05(e) Notification Regarding Make-Ready Work
- 12.03(d) Notification of placing J-hook on non-licensed pole
- 12.04 Notification of occupation of maintenance duct for short-term use
- 12.06 Notification of CLEC's maintenance contact
- 13.01 Notification of planned modifications
- 14.02(c) Notification of CLEC's desire to add to or modify its existing attachment
- 15.02(b) Notification of occupation of maintenance duct for short-term emergency use
- 15.03 Notification of emergency repair coordinators
- 16.01 Notification that facilities have been brought into compliance
- 17.02(c) Disclaimer of ownership or responsibility for untagged facilities
- 18.01(a) Notice of intent to remove facilities
- 18.01(e) Notice of intent to terminate license
- 18.06 Notification of AT&T's intent to remove CLEC's facilities
- 20.01(c) Notification of change of bond
- 24.01 Notification of termination
- 24.03 Notification of cure of breach

Other notices. The following notices may be given orally or in writing (including fax) and shall be given to AT&T's Local Service Center (LSC) at 1-888-344-9101 instead of the Structure Access Manager.

- 6.05(a) Notifications relating to electrical interference
- 6.09(h) Notifications of unsafe conditions
- 6.11(a) Notification of manhole entry
- 6.13(c) Notification of environmental contaminants

- 10.02(b) Notification of materials required for self-provisioning of inner duct
- 15.04 Notification of conditions requiring emergency repair
- 15.06(a) Notification of performing corrective work on emergency repair. (advanced notice)
- 15.06(b) Notification of performing corrective work on emergency repair. (no advanced notice)

Additional information and questions concerning notice requirements. The Structure Access Manager, as CLEC's initial point of contact, will provide additional information to CLEC concerning notification procedures for notices to be given to LSPC. Questions to AT&T concerning notice requirements should be directed to the Structure Access Manager. The Structure Access Manager is not authorized to provide CLEC legal advice with respect to notice requirements. Questions by CLEC's personnel and other persons acting on CLEC's behalf concerning CLEC's legal obligations should be directed to CLEC's legal counsel or such other personnel as CLEC may direct.

Changes in notice requirements. Changes in the notice requirements set forth in this Exhibit may be made by AT&T from time to time in accordance with the provisions of Section 29.03 of the Master Agreement.

**EXHIBIT VIII
IDENTIFICATION OF UTILITY LIAISON SUPERVISOR
(MISSOURI)**

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

The Utility Liaison Supervisor for Missouri is named below. Notices to the Utility Liaison Supervisor should be addressed as follow:

Title: Structure Access Manager

Firm: AT&T Missouri (Includes Area Code 314, 557, 573, 636, 660)

Structure Access Manager

12930 Olive Blvd

2nd Floor

Creve Coeur, Mo. 63141

(314) 275-0083

FIRM'S NAME: _____
AGREEMENT NO: _____
APPLICATION NO: _____

Wire Center _____

TYPE: _____
(CATV, Telecom, Other)

| Item # | Record # | Pole # | Ownership SWBT or Power | Street Address | Proposed Attachment Height | Guy Req'd Y or N | Make Ready Work Y or N | Make Ready Description | Pole Mntd Apparatus Height |
|--------------|----------|--------|-------------------------|----------------|----------------------------|------------------|------------------------|------------------------|----------------------------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| TOTAL | | | | | | | | | |

Number of Cables _____
Weight/per ft. and Size/ O.D. _____
Number and Types of Strands _____

Other Notes: _____

SIGNED: _____ **DATE:** _____
SWBT's Representative **TIME:** _____

SIGNED: _____ **DATE:** _____
Applicant's Representative **TIME:** _____

Official File Copy, If Checked in Red



Name of Applicant _____
Agreement No. _____
Application No. _____

Assignment/Access/Occupancy

As specified in the attached documents, and in accordance with the terms and conditions of the Master Agreement between SWBT and Applicant; application is hereby made for occupancy of space through a nonexclusive license of communication facilities to access the quantity of SWBT facilities indicated below:

_____ **SWBT Poles** _____ **Feet SWBT Whole Duct** _____ **Feet SWBT Innerduct**

Applicant authorizes SWBT to perform the required pre-licensing survey including any field inspections required to evaluate capacity, safety, reliability, and engineering standards; and to determine the cost, if any, of required modifications or make-ready work.

Effective Date _____ Assignment Expiration Date _____

Applicant's Estimated Construction Start Date: _____

Applicant's Estimated Construction Completion Date: _____

Authorized by Applicant: _____
Signature Title

Date: _____

Make-Ready Work

| Estimated Costs | Hours | | Rate | Total |
|----------------------|-------|---|----------|----------|
| <i>Constr. Labor</i> | _____ | X | \$ _____ | \$ _____ |
| <i>Material</i> | xxx | X | \$ xxx | \$ _____ |
| <i>Engr. Design</i> | _____ | X | \$ _____ | \$ _____ |
| TOTAL | | | | \$ _____ |

Estimated SWBT Completion Date _____

- No Make-Ready Work Required.
- Make-Ready Work will be completed by applicant's authorized contractor.
- I authorize SWBT to complete the required make-ready work. Costs will be based upon actual costs incurred by SWBT.

Date _____

Applicant's Signature Title

LICENSE NO. _____ Authorized by SWBT: _____

Signature Title

DATE: _____

Official File Copy, If Checked in Red

SW-9434



PRE-OCCUPANCY CONDUIT SURVEY

FIRM'S NAME: _____
AGREEMENT NO: _____
APPLICATION NO: _____

Wire Center _____

TYPE: _____
(CATV, Telecom, Other)

| Item # | Oper. # | Record # | Manhole # | Street Address | Distance to Next Manhole (Ctr to Ctr) | Proposed Duct or Innerduct | Make Ready Work Y or N | Make Ready Description |
|--------------|---------|----------|-----------|----------------|---------------------------------------|----------------------------|------------------------|------------------------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| TOTAL | | | | | 0 | | | |

Number of Cables _____
Size of Cable (O.D. Inches) _____

Splice Information Manhole # _____
Splice Information Manhole # _____
Slack Loop Information Manhole # _____
Slack Loop Information Manhole # _____

Details _____
Details _____
Details _____
Details _____

SIGNED: _____ DATE: _____
SWBT's Representative TIME: _____

SIGNED: _____ DATE: _____
Applicant's Representative TIME: _____

Official File Copy, If Checked in Red

**NOTIFICATION OF SURRENDER OR MODIFICATION
OF POLE ATTACHMENT LICENSE BY LICENSEE**

Page _____ of _____

Southwestern Bell Telephone Company:

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the licenses covering attachments to the following poles and/or anchors and/or utilization of anchor/guy strand is surrendered (or modified as indicated in Licensee's prior notification to Licensor, dated _____, _____) effective _____.

| | POLE NO. | ANCHOR A/GS (ASSOC. POLE. NO.) | LIC. NO. & DATE | SURRENDER OR MODIFICATION | DATE FAC. RMVD. OR MODIFIED |
|----|----------|-----------------------------------|-----------------|---------------------------|-----------------------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
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| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |

| |
|-----------------------------------|
| Date Notification Received: _____ |
| Date Modification Accepted: _____ |
| By: _____ |
| Discontinued: |
| Poles: _____ |
| Anchors: _____ |
| Anchor/Guy Strands: _____ |

Name of Licensee

By: _____

Title: _____

 Official File Copy, If Checked in Red

NOTIFICATION OF SURRENDER OR MODIFICATION OF CONDUIT OCCUPANCY LICENSE BY APPLICANT

License Agreement #: _____
 _____ (Applicant)
 _____ (Address)

In accordance with the terms and conditions of the Licensing Agreement between us, dated _____, _____ notice is hereby given that the licenses covering occupancy of the following conduit are surrendered (or modified as indicated in Applicant's prior notification to SWBT, dated _____, _____) effective _____.

| | CONDUIT LOCATION | LIC. NO. & DATE | SURRENDER OR MODIFICATION | DATE FAC./TAGS RMVD. OR MODIFIED |
|----|------------------|-----------------|---------------------------|----------------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |

| | |
|------------------|-----------------------------------|
| S W B T | Date Notification Received: _____ |
| | Date Modification Accepted: _____ |
| | By: _____ |
| | Discontinued: _____ |
| | Total Duct Footage: _____ |

_____ (Applicant)
 By: _____ (Name of Authorized Agent)
 Title: _____ (Title of Authorized Agent)

Official File Copy If Checked in Red



Southwestern Bell
Telephone

NOTIFICATION OF UNAUTHORIZED ATTACHMENTS BY APPLICANT

Applicant Name: _____

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the license covering attachments to the following is unauthorized (as indicated in Applicant's prior lease agreement to SWBT, dated _____, _____) effective _____.

Southwestern Bell Telephone

By: _____

Title: _____

| | POLE NO. OR CONDUIT # | LOCATION (ASSOC. POLE NO.) MANHOLES Involved | LIC. NO. & DATE | UNAUTHORIZED ATTACHMENT | DATE FAC. RMVD. OR MODIFIED |
|----|-----------------------------|--|-----------------|-------------------------|-----------------------------------|
| 1 | | | | | |
| 2 | | | | | |
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SKETCH OF UNAUTHORIZED ATTACHMENTS ATTACHED

Date Notification Sent: _____

Name of Applicant

By: _____

Title: _____

ATTACHMENT 14: LOCAL NUMBER PORTABILITY (LNP)

1. LOCAL NUMBER PORTABILITY (LNP)

1.1 General Terms and Conditions

1.1.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which local permanent number portability (LNP) will be provided in response to FCC Orders in CC Docket No. 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide LNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

1.2 The Parties shall:

1.2.1 disclose, upon request, any technical limitations that would prevent LNP implementation in a particular switching office; and

1.2.2 provide LNP services and facilities only where technically feasible, subject to the availability of facilities, and only from properly equipped central office.

1.3 Obligations of AT&T

1.3.1 AT&T has deployed LRN in all of its switches.

1.3.2 AT&T will open unrestricted non portable codes within 180 days of the receipt of a BFR (bona fide request). A sample BFR is provided in Exhibit 1.

1.3.3 AT&T may cancel any line-based calling cards associated with telephone numbers ported from its switch.

1.4 Obligations of CLEC

1.4.1 CLEC shall obtain certification from the Number Portability Administration Center (NPAC).

1.4.2 CLEC shall adhere to AT&T's Local Service Request (LSR) format and LNP due date intervals.

1.5 Obligations of Both Parties

1.5.1 Each party is responsible for advising the NPAC of telephone numbers it imports and the associated data as required by the North American Numbering Committee (NANC).

1.5.2 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User, the ported telephone number will be released back to the carrier owning the switch in which the telephone number's NXX is native.

1.5.3 Each party has the right to block default routed call entering a network in order to protect the public switched network from overload, congestion, or failure propagation.

1.5.4 Industry guidelines shall be followed regarding all aspects of porting numbers from one network to another.

1.5.5 Each Party shall become responsible for the End User's other telecommunications related items, e.g. E911, Directory Listings, Operator Services, Line Information Database (LIDB), when it ports the End User's telephone number to its switch.

1.6 Limitations of Service

1.6.1 Telephone numbers can be ported as a basic network offering only within AT&T rate centers as approved by State Commissions. "Porting within rate centers" refers to the physical location of the end user. If the end user changes his physical location from one rate center to another, he may not retain his telephone number (which indicates the old rate center) as a basic network

(non FX or non Remote Call Forward) offering. An end user may retain his phone number assignment when moving from one rate center to another by receiving tariffed FX or tariffed Remote Call Forward service from his new service provider. The terms "FX" or "Remote Call Forward" in this attachment refers to number assignments and moves outside of rate centers, and is different from the term "FX" or "Remote Call Forward" in the Compensation attachment which refers to number assignments and moves outside of a mandatory local calling area.

1.6.2 Telephone numbers in the following AT&T NXXs shall not be ported: AT&T Official Communications Services (OCS) NXXs; and 555, 976, 950, 900 numbers; 555, 950, 956, 976 and 900 numbers; N11 numbers (e.g. 411 and 911); toll-free service numbers (e.g. 800, 888, 877 and 866) and disconnected or unassigned numbers. .

1.6.3 Telephone numbers with NXXs dedicated to choke/High Volume Call-In (HVCI) networks are not portable via LRN. Choke numbers will be ported as described in Section 5 of this Appendix.

1.7 Service Descriptions

1.7.1 The switch's LRN software determines if the called party is in a portable NXX. If the called party is in a portable NXX, a query is launched to the LNP database to determine whether or not the called number is ported.

1.7.2 When the called number with a portable NXX is ported, an LRN is returned to the switch that launched the query. Per industry standards, the LRN appears in the CdPN (Called Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field.

1.7.3 When the called number with a portable NXX is not ported, the call is completed as in the pre-LNP environment.

1.7.4 The FCI (Forward Call Identifier) field's entry is changed from 0 to 1 by the switch triggering the query when a query is made, regardless of whether the called number is ported or not.

1.7.5 The Parties shall populate the Jurisdictional Information Parameter (JIP) field with the first six (6) digits (NPA NXX format) of the appropriate LRN of the originating switch.

1.8 Pricing

1.8.1 Except as set forth in Section 4, the parties agree not to charge each other for ordering, provisioning, or conversion of ported telephone numbers as a means for the other to recover the costs associated with LNP. Notwithstanding the foregoing, AT&T may charge CLEC LNP end user surcharges, provided that the conditions set forth in 47 CFR § 52.33 are met.

2. MASS CALLING CODES

2.1 General Terms and Conditions

2.1.1 Mass calling codes, i.e., choke/HVCI NXXs, are used in a network serving arrangement provided by AT&T in special circumstances where large numbers of incoming calls are solicited by an End User and the number of calls far exceeds the switching capacity of the terminating office, the number of lines available for terminating those calls, and/or the STP's query capacity to the LNP database. The following two different sets of End User objectives usually create this condition: (a) low call completion; and (b) high call completion.

2.1.2 Given the potentially hazardous effect calling conditions of this nature could have on the network, AT&T will provide mass calling code portability using a non-LRN solution.

2.2 Service Provided

- 2.2.1 AT&T will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the AT&T mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the AT&T mass calling tandem mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the AT&T choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.
- 2.2.2 When a CLEC requests that a AT&T number with a mass calling NXX code be ported to its network, AT&T will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

2.3 Obligations of AT&T

- 2.3.1 AT&T will port its numbers with mass calling NXXs upon request by the CLEC. Non-LRN porting will be done via pseudo code or route index translation in the AT&T CSO rather than STP queries to the LNP database. This method of porting mass call numbers will be used during both INP and LNP period in each market.
- 2.3.2 AT&T will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. In exchange, AT&T shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

2.4 Obligations of CLEC

- 2.4.1 CLEC shall agree to adhere to AT&T LSR format and mass calling due date intervals.
- 2.4.2 The CLEC shall provide the facility and DID trunk group from the AT&T CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.
- 2.4.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

2.5 CLEC Mass Calling Codes

- 2.5.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a AT&T mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from AT&T's tandem and/or mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide AT&T notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, see Appendix ITR.
- 2.5.2 MF SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where AT&T and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility.

3. SPNP QUERY SERVICE

- 3.1 The N-1 carrier (N carrier is the responsible Party for terminating call to the End User) has the responsibility to determine if a query is required, to launch the query, and to route the call to the switch or network in which the telephone number resides.
- 3.2 If CLEC chooses not to fulfill its N-1 carrier responsibility, AT&T will perform default queries on calls to telephone numbers with portable NXXs received from the N-1 carrier and route the call to the switch or network in which the telephone number resides. In such event, AT&T will charge and CLEC agrees to pay the default queries charges set forth in:
 - 3.2.1 Section 34 of the FCC No. 73 Access Services Tariff.
- 3.3 AT&T provides CLECs the optional use of the AT&T LNP database via the SPNP Query Service-Database. When CLEC orders SPNP Query Service-Database, AT&T shall charge and CLEC agrees to pay the SPNP Query Service-Database service charges set forth in the appropriate tariff cited in 4.2 above. The CLEC's Signal Transfer Point (STP), tandem, and/or end office's LRN software will determine the need for, and triggers, the query. AT&T's LNP database will determine if a number has, or has not, been ported and will provide LRN if a number is ported.
- 3.4 When purchasing the SPNP Query Service - Database, CLEC will access AT&T's facilities via an SS7 link to the AT&T STP.
- 3.5 When purchasing the SPNP Query Service - Database, CLEC will advise AT&T of the entry point(s) of queries to the AT&T network and provide a query forecast for each entry point.

4. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

- 4.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

ATTACHMENT 15: E911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

This Attachment 15: E911 sets forth the terms and conditions under which AT&T will provide the connection between CLEC's local switch and E911 Universal Emergency Number Service.

1. DEFINITIONS

As used herein and for the purposes of this Attachment the following terms will have the meanings set forth below:

- 1.1 "911 Trunk" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.
- 1.2 "Automatic Location Identification" or "ALI" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.
- 1.3 "Automatic Number Identification" or "ANI" means the telephone number associated with the access line from which a call to 911 originates.
- 1.4 "Company Identifier" or "Company ID" means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.
- 1.5 "Database Management System" or "DBMS" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.
- 1.6 E911 Customer - A municipality or other state or local governmental unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at the minimum, for emergency police and fire service through the use of one telephone number, 911.
- 1.7 "E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).
- 1.8 "Emergency Services" means police, fire, ambulance, rescue, and medical services.
- 1.9 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency (ies).
- 1.10 "National Emergency Number Association" or "NENA" means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.

- 1.11 Public Safety Answering Point (PSAP) - An answering location for 911 calls originating in a given area. The E911 customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first, secondary PSAPs receive calls on a transfer basis only. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.
- 1.12 "Selective Routing" and "Selective Router" or "SR" means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.
- 1.13 ALI Database - A database which stores information associated with end user customers' telephone numbers.

2. AT&T RESPONSIBILITIES

- 2.1 AT&T will provide and maintain such equipment at the E911 SR and the DBMS as is necessary to perform the E911 services set forth herein when AT&T is the 911 Service Provider. AT&T shall provide 911 Service to CLEC as described in this section in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and AT&T is the 911 Service Provider. This shall include the following:
 - 2.2 Call Routing
 - 2.2.1 AT&T will switch 911 calls through the SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.
 - 2.2.2 AT&T will forward the calling party number (ANI) it receives from CLEC and the associated 911 Address Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, AT&T will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ANI record is found in the E911 DBMS, AT&T will report this "No Record Found" condition to the CLEC in accordance with NENA standards.
 - 2.3 Facilities and Trunking
 - 2.3.1 AT&T shall provide and maintain sufficient dedicated E911 trunks from the AT&T_SR to the PSAP of the E911 Customer, according to provisions of the appropriate Commission approved tariff, and documented specifications of the E911 Customer.
 - 2.3.2 AT&T will provide facilities to interconnect the CLEC to the AT&T E911SR, as specified in the State Access Tariff. CLEC has the option to secure interconnection facilities from another provider or provide such interconnection using their own facilities.
 - 2.3.3 Upon written request by CLEC, AT&T shall, in a timely fashion, provide CLEC with a description of the geographic area (or Rate Center) and PSAPs served by the E911 SR based upon the standards set forth in the May 1997 NENA Recommended Standards for Local Service Provider Interconnection Information Sharing, or any subsequent revision(s) thereto.
 - 2.3.4 AT&T and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the AT&T SR(s).
 - 2.4 Database
 - 2.4.1 Where AT&T manages the E911 database, AT&T shall store the CLEC's End User 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's End Users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.

- 2.4.2 AT&T shall coordinate access to the AT&T E911 DBMS for the initial loading and updating of CLEC End User 911 Records.
- 2.4.3 AT&T ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that DBMS is not functioning properly.
- 2.4.4 AT&T will update CLEC's End User 911 Records in the E911 DBMS. AT&T will then provide CLEC an error and status report. This report will be provided in a timely fashion and in accordance with the methods and procedures described in the documentation to be provided to the CLEC.
- 2.4.5 Where AT&T manages the DBMS, AT&T shall provide the CLEC with a file containing the Master Street Address Guide (MSAG) for the CLEC's respective exchanges or communities. The MSAG will be provided on a routine basis but only for those areas where CLEC is authorized to do business as a local exchange service provider.
- 2.4.6 Where AT&T manages the DBMS, AT&T shall establish a process for the management of NPA splits by populating the DBMS with the appropriate NPA codes.

3. CLEC RESPONSIBILITIES

3.1 Call Routing

- 3.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the AT&T SR office of the E911 system, where AT&T is the 911 Service Provider.
- 3.1.2 CLEC will forward the ANI information of the party calling 911 to the AT&T 911 Selective Router.

3.2 Facilities and Trunking

- 3.2.1 CLEC shall provide interconnection with each AT&T 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.
- 3.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing facilities to route 911 calls from its End Users to the proper E911 SR.
- 3.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls to each AT&T 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.
- 3.2.4 CLEC shall maintain transport capacity sufficient to route traffic over trunks between the CLEC switch and the AT&T SR.
- 3.2.5 CLEC shall provide sufficient trunking and facilities to route CLEC's originating 911 calls to the designated AT&T 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 connectivity.
- 3.2.6 CLEC is responsible for determining the proper quantity of trunks and facilities from its switch(es) to the AT&T 911 SR.
- 3.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.
- 3.2.8 CLEC shall monitor its 911 circuits for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional circuits are needed to meet the current level of 911 call volumes, CLEC shall request additional circuits from AT&T.

- 3.2.9 CLEC will cooperate with AT&T to promptly test all 911 trunks and facilities between CLEC's network and the AT&T 911 Selective Router(s) to assure proper functioning of 911 service. CLEC agrees that it will not pass live 911 traffic until successful testing is completed by both parties.
 - 3.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 network maintenance problems to CLEC's demarcation (for example, collocation). AT&T will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation (for example, collocation). CLEC is responsible for advising AT&T of the circuit identification and the fact that the circuit is a 911 circuit when notifying AT&T of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. AT&T will refer network trouble to CLEC if no defect is found in AT&T's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.
 - 3.2.11 Diverse (i.e., separate) 911 facilities are highly recommended and may be required by the Commission or E911 Customer. If required by the E911 Customer, diverse 911 Trunks shall be ordered in the same fashion as the primary 911 Trunks. CLEC is responsible for initiating trunking and facility orders for diverse routes for 911 Interconnection.
 - 3.2.12 Where required, CLEC will comply with Commission directives regarding 911 facility and/or 911 Trunking requirements.
- 3.3 Database
- 3.3.1 Once E911 trunking has been established and tested between CLEC's End Office and all appropriate SR, CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to AT&T for inclusion in AT&T's DBMS on a timely basis. AT&T and CLEC shall arrange for the automated input and periodic updating of CLEC's End User 911 Records.
 - 3.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.
 - 3.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.
 - 3.3.4 CLEC is responsible for providing AT&T updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the AT&T 911 DBMS.
 - 3.3.5 CLEC shall be solely responsible for providing test records and conducting call-through testing on all new exchanges.
- 3.4 Other
- 3.4.1 CLEC is responsible for collecting from its End Users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on the local service provider and/or End Users by any municipality or other governmental entity within whose boundaries the CLEC provides local exchange service.

4. RESPONSIBILITIES OF BOTH PARTIES

- 4.1 Jointly coordinate the provisioning of transport capacity sufficient to route originating 911 calls from CLEC to the designated AT&T 911 Selective Router(s).

5. METHODS AND PRACTICES

5.1 With respect to all matters covered by this Attachment, each Party will comply with all of the following to the extent that they apply to E911 Service: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, and (iii) the principles expressed in the recommended standards published by NENA

6. CONTINGENCY

6.1 The terms and conditions of this Appendix represent a negotiated plan for providing E911 Service.

6.2 The Parties agree that the E911 service is provided for the use of the E911 customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by AT&T and CLEC.

6.2.1 In AT&T TEXAS only:

6.2.1.1 These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to AT&T TEXAS not later than forty-five (45) days prior to the passing of live traffic to serve a particular rate center in which CLEC is authorized to provide local telephone exchange service. AT&T TEXAS shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than thirty (30) days after receipt of Exhibit I from CLEC.

6.2.1.2 CLEC must obtain documentation of approval of the completed Exhibit I from the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's End Users are located. CLEC shall provide documentation of all requisite approval(s) to AT&T TEXAS prior to use of CLEC's E911 connection for actual emergency calls.

6.2.1.3 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 6.2.

7. BASIS OF COMPENSATION

7.1 Compensation to AT&T for provision of connection to E911 service provided hereunder will be based upon the charges set forth in the applicable Pricing Schedule.

7.2 Charges will begin on the date connection to E911 service commences.

8. MONTHLY BILLING

8.1 AT&T will render to CLEC monthly statements in advance, showing the amounts determined as provided in Section 7 above, and CLEC will make payment in full within thirty (30) days from the date of the bill.

9. LIABILITY

9.1 AT&T liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. AT&T shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or

malfunctions of the system after AT&T has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

- 9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to AT&T, CLEC shall not be liable to AT&T, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from AT&T until service is restored.
- 9.3 CLEC agrees to release, indemnify, defend and hold harmless AT&T from any and all Loss arising out of AT&T provision of E911 Service hereunder or out of CLEC's End Users' use of the E911 Service, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of AT&T.
- 9.4 CLEC also agrees to release, indemnify, defend and hold harmless AT&T from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the E911 Service features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing E911 Service provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of AT&T.

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ATTACHMENT 16: NETWORK SECURITY AND LAW ENFORCEMENT

This Attachment 16: Network Security and Law Enforcement to the Agreement sets forth terms and conditions concerning certain Network Security and Law Enforcement requirements.

1. PROTECTION OF SERVICE AND PROPERTY

- 1.1 The Parties will exercise due care to prevent harm or damage to their respective employees, agents or customers, or their property. The Parties' employees, agents, or representatives agree to take reasonable and prudent steps to ensure the adequate protection of their respective property and services. In recognition of its obligation under this attachment, AT&T agrees to take the following reasonable and prudent steps, including but not limited to:
- 1.2 Restricting access to CLEC equipment, support equipment, systems, tools and data, or spaces which contain or house CLEC equipment to the extent AT&T provides this protection to its own facilities. AT&T will provide access to CLEC employees and its agents based on CLEC providing a list of authorized personnel. If escorted, CLEC employees and authorized agents must present identification required by AT&T.
- 1.3 AT&T will follow mutually agreed upon notification procedures in the event it becomes necessary for a AT&T employee to enter into the exclusive CLEC collocated space except in an emergency situation in which AT&T will immediately have the ability to enter into CLEC's collocated space notifying CLEC as soon as possible.
- 1.4 Complying at all times with mutually agreed to CLEC security and safety procedures and requirements, including but not limited to sign in, identification, and escort requirements while in spaces which house or contain CLEC equipment or equipment enclosures.
- 1.5 Allowing CLEC, where CLEC is Physically collocated, to inspect or observe spaces which house or contain CLEC's equipment or equipment enclosures after such time as AT&T has turned over the collocation area to CLEC and to furnish CLEC with all keys, entry codes, lock combinations, or other materials or information which may be needed to gain entry into any secured CLEC space.
- 1.6 Provide card access, coded locks or keyed locks providing security to the exclusive CLEC collocated space that is unique to that space.
- 1.7 Ensuring that the area which houses CLEC's equipment is adequately secured to prevent unauthorized entry to the same level as AT&T provides to itself.
- 1.8 Limiting the keys used in AT&T's keying systems for cages which contain or house CLEC's equipment or equipment enclosures to AT&T's employees for required access only. Any access required other than emergency will be coordinated with CLEC to allow escort opportunity. AT&T will change locks at CLEC's request and expense where a security breach is known or suspected and the breach is not caused by AT&T.
- 1.9 Where CLEC requests these specifications and is amenable to funding said custom work, installing security studs in the hinge plates of doors having exposed hinges with removable pins if such leads to spaces which contain or house CLEC equipment or equipment enclosures.
- 1.10 Controlling unauthorized access from passenger and freight elevators by continuous surveillance or by installing security partitions, security grills, locked gates or doors between elevator lobbies and spaces which contain or house CLEC equipment or equipment enclosures.
- 1.11 Providing prompt notification to designated CLEC personnel to indicate an actual or attempted security breach of which AT&T is aware.

1.12 CLEC and AT&T further agree to:

1.12.1 Providing a mutually acceptable back-up and recovery plan to be used in the event of a security system failure or emergency.

1.12.2 Installing Controls:

- to disconnect a user for a pre-determined period of inactivity on authorized ports;
- to protect customer proprietary information; and
- to databases to ensure both ongoing operational and update integrity.

1.12.3 Logical Security

- assuring that all approved system and modem access be secured through security servers. Access to or connection with a network element will be established through a secure network or security gateway.
- agreeing to comply with AT&T Corporate Security Instruction 3.03 "Computer Security Requirements," March 1993, and AT&T Network Security Requirements 4.0, March 1996.

2. REVENUE PROTECTION

2.1 AT&T will make available to CLEC to the extent that AT&T provides to itself or any LSP all present and future fraud prevention or revenue protection features, including prevention, detection, or control functionality embedded within any of the network elements. These features include, but are not limited to, screening codes and call blocking of international, 900 and 976 numbers. 2.2 AT&T will provide to CLEC the same procedures to detect and correct the accidental or malicious alteration of software underlying Network Elements or their subtending operational support systems by unauthorized third parties in the same manner it does so for itself.

2.3 AT&T will make a reasonable effort to protect and correct against unauthorized physical attachment to loop facilities from the Main Distribution Frame up to and including the Network Interface Device, including clip-on fraud.

3. LAW ENFORCEMENT INTERFACE

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

PERFORMANCE MEASUREMENTS

General Provisions

- 1.0 The Performance Measurements Plans referenced herein, notwithstanding any provisions in any other attachment in this Agreement, are not intended to create, modify or otherwise affect Parties' rights and obligations. The existence of any particular performance measure, or the language describing that measure, is not evidence that CLEC is entitled to any particular manner of access, nor is it evidence that AT&T is limited to providing any particular manner of access. The Parties' rights and obligations to such access are defined elsewhere, including the relevant laws, FCC and Commission decisions/regulations, and in the case of Connecticut, state tariffs, and within this Agreement.
- 1.1 AT&T's implementation of the Performance Measurements Plans addressed by this Attachment (Performance Measurement Plan(s), the Plan(s)) will not be considered as an admission against interest or an admission of liability in any legal, regulatory, or other proceeding relating to the same performance. The Parties agree that CLEC may not use the existence of such Plans as evidence that AT&T has discriminated in the provision of any facilities or services under Sections 251 or 252, or has violated any state or federal law or regulation. AT&T's conduct underlying its performance, and the performance data provided under the Performance Measurements Plans, however, are not made inadmissible by these terms. AT&T's performance as measured by these plans may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation.
- 1.2 Nothing herein shall be interpreted to be a waiver of AT&T's right to argue and contend in any forum, in the future, that Sections 251 and 252 of the Telecommunications Act of 1996 do not impose any duty or legal obligation to negotiate and/or mediate or arbitrate a self-executing liquidated damages or remedy plan.
- 2.0 Region-Specific Provisions
- 2.1 AT&T MIDWEST REGION 5-STATE Requirements:
 - 2.1.1 Except as otherwise provided herein, the Performance Measurements in the Performance Measurements Plans most recently adopted or ordered, in a generic/non-CLEC specific proceeding, by the Commission that approved this Agreement under Section 252(e) of the Act are incorporated herein. Modifications and/or deletions to Performance Measurements in that proceeding or any successor proceeding shall be automatically incorporated into this Agreement by reference in the month indicated by the Commission's order. The list of proceedings, by state, in which a Performance Measurements Plan has been adopted or ordered, is included in Section 2.1.3 below. For the purpose of this Agreement in Michigan, these measurements will be effective with the first full month of performance after Commission approval of the measurements.
 - 2.1.2 The Performance Measurements Plans may include a remedy plan providing liquidated damages payments where such a plan was also approved by the Commission in a generic/non-CLEC specific proceeding. Any subsequent Commission-ordered additions, modifications and/or deletions to the remedies provisions of the Performance Measurements Plans, in that proceeding or any successor proceeding, to which no participating party has objected, shall be automatically incorporated into this Agreement by reference in the month indicated by the Commission's order. The list of proceedings, by state, in which a Performance Measurements (Remedy) Plan has been adopted or ordered, is included in Section 2.1.3 below. For the purpose of this Agreement, in

Michigan, the Remedy Plan will be effective with the first full month of performance after Commission approval of the Remedy Plan.

- 2.1.3 Proceedings, by state, in which a Performance Measurements Plan has been adopted or ordered by the respective Commission under the specific authority identified herein, or under any successor authority or docket, shall be the effective plan under this Agreement. Currently, such dockets are as follows:

Illinois – 83 IL. Administrative Code Part 731

Indiana – Cause No. 41657

Michigan – Case No. U-11830

Ohio – Case No. 00-942-TP-COI

Wisconsin – Docket No. 6720-TI-198 (Performance Measurements only)

Wisconsin – AT&T Midwest Remedy Plan as approved by the Commission in CLEC-specific ICA.

- 2.2 Provisions of this Performance Measurements Attachment will terminate in accordance with Section 6.5 (Section 6.6 for Illinois and Michigan) of the AT&T MIDWEST REGION 5-STATE Remedy Plan.

- 2.3 AT&T SOUTHWEST REGION 5-STATE Requirements:

- 2.3.1 The Performance Measurements Plans most recently approved, adopted or ordered by the respective Commission in the state 271 successor Agreement (X2A) proceedings are incorporated herein. Any subsequent Commission-ordered additions, modifications and/or deletions to such plans (and supporting documents), to which the Parties have agreed, shall be automatically incorporated into this Agreement by reference in the first full month following the effective date of the Commission order.

INTENTIONALLY OMITTED

ATTACHMENT 18: DIRECTORY ASSISTANCE LISTING INFORMATION

This Attachment 18: Directory Assistance Listing (DAL) sets forth terms and conditions for which the applicable AT&T Inc. (AT&T) agrees to license its Directory Assistance Listing Information to CLEC.

1. INTRODUCTION

- 1.1 AT&T owns and maintains databases containing directory assistance subscriber listing information (name, address and published telephone number or an indication of non-published or non-list status).
- 1.2 CLEC, or its agent, wishes to provide DA service to CLEC's End Users, and therefore, wishes to load its database with directory assistance listings contained in AT&T's DA database.
- 1.3 Inasmuch as AT&T provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), AT&T's database also contains directory assistance listing information for other ILEC and CLEC End Users.

2. SERVICE PROVIDED

- 2.1 AT&T agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:
 - 2.1.1 AT&T shall provide directory assistance listing information in a mutually acceptable format.
 - 2.1.2 AT&T shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, AT&T will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.
- 2.2 In the event a telephone service subscriber has a "non-published" listing, a "non-published" classification will be identified in lieu of the telephone number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community, and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.
- 2.3 Compensation for the exchange of directory listing information of underlying carriers will be negotiated between the requesting party and such underlying carriers.

3. USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 CLEC may use the directory assistance listing information licensed and provided pursuant to this Appendix in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings.
- 3.2 Upon termination of this Agreement, the Parties will cease using, for any purpose whatsoever, the subscriber listing information provided hereunder.

4. ASSIGNMENT

4.1 The directory assistance listings provided by AT&T shall remain the property of AT&T. CLEC, or its third-party DA provider/agent, shall take appropriate measures at least equal to the measures CLEC uses for its own listings to guard against any unauthorized use of the listings provided to it hereunder.

5. SUBCONTRACTING OF DIRECTORY ASSISTANCE SUBSCRIBER LISTINGS

5.1 If CLEC elects to use a subcontractor for the DA services, CLEC may transfer the directory service subscriber listing information to its DA subcontractor in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings.

6. TERM OF APPENDIX

6.1 AT&T will commence providing subscriber listing information to CLEC as described in this Attachment sixty (60) days following the receipt of a written request from the CLEC and thereafter continue in force until terminated upon receipt of one hundred twenty (120) days prior written notice from the other as long as this Agreement remains in effect.

7. LIABILITY

7.1 AT&T makes no express or implied warranties whatsoever regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any. AT&T makes no warranty, expressed or implied, with respect to any listings or the information contained therein, including but not limited to warranties for merchantability or fitness for a particular purpose.

7.2 CLEC hereby releases AT&T from any and all liability for damages due to errors or omissions in the directory assistance listing information provided under this Appendix, or by reason of delay in providing the directory assistance listing information, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

7.3 Indemnification of provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

8. PRICING

8.1 The prices at which AT&T agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable the Pricing Schedule.

ATTACHMENT 19: WHITE PAGES - OTHER (WP-O)

This Attachment 19: White Pages-Other (WP-O), to the Agreement sets forth AT&T's and CLEC's agreement to the following terms and conditions for the printing and distribution of White Pages directories in facilities based as well as unbundled Network Elements environments.

1. INTRODUCTION

- 1.1 AT&T publishes White Pages directories for geographic local service areas in which CLEC provides local exchange telephone service in the same area(s), and CLEC wishes to include listings information for its customers in the appropriate AT&T White Pages directories.
- 1.2 CLEC also desires distribution to CLEC's Customers of the White Pages directories that include listings of CLEC's customers.
- 1.3 AT&T will make available to CLEC, for CLEC Customers, non-discriminatory access to White Pages directory listings, as described in Section 2 of this Attachment.

2. SERVICE PROVIDED

- 2.1 Subject to AT&T's practices, as well as the rules and regulations applicable to the provision of White Pages directories, AT&T will include in appropriate White Pages directories the primary alphabetical listings of all CLEC end users located within the local directory scope. The rules, regulations and AT&T's practices are subject to change from time to time. When CLEC provides its subscriber listing information to AT&T's listings database, CLEC will receive for its End User, one primary listing in AT&T's White Pages directory and a listing in AT&T's directory assistance database at no charge, other than applicable service order charges as set forth in the Pricing Schedule.
 - 2.1.1 Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in AT&T's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate. Where a CLEC End User requires foreign, enhanced or other listings in addition to the primary listing to appear in the White Pages directory, AT&T will assess CLEC a monthly charge for such listings at AT&T rates set forth in the Pricing Schedule. An additional monthly charge at AT&T's tariff rate applies when CLEC wishes to list an End User in AT&T's Directory Assistance database but does not wish to have its End User listed in AT&T's White Pages directory. In addition, CLEC may elect to have its End User unlisted and the listing not published in AT&T's White Pages directory for a monthly charge at AT&T's rates set forth in the Pricing Schedule for those non-published, non-listed services.
 - 2.1.1.1 Intentionally Left Blank
- 2.2 CLEC will furnish to AT&T subscriber listing information pertaining to all CLEC end users located within the local directory scope, along with such additional information as AT&T may require to prepare and print the alphabetical listings of said directory.
- 2.3 CLEC will provide accurate subscriber listing information of its subscribers to AT&T via a mechanical or manual feed of the directory listing information to AT&T's Directory Listing database. AT&T will accept listing information from CLEC according to the manual and mechanized listing methods, procedures, and ordering instructions provided via the CLEC Online web site. CLEC agrees to submit all listing information via only a mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred listing updates per day, whichever comes first. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates. CLEC's subscriber listings are to be interfiled (interspersed) in the directory among AT&T's subscriber listing information. CLEC will submit listing information within one (1) Business Day of installation, disconnection or other change in service

- (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a CLEC End Users. CLEC must submit all listing information intended for publication by the directory close date.
- 2.4 AT&T will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the AT&T CLEC Online website. Upon request, AT&T will provide daily electronic directory listing verification via AT&T's White Page listing systems. Information for directory listing verification is located on the SBC CLEC Online website.
- 2.4.1 Upon CLEC request, sixty (60) calendar days prior to the directory close date for a particular directory, AT&T shall make available to CLEC, via the applicable electronic listing verification tool, its subscriber listings as such listings are to appear in the directory. CLEC shall review this listing information and shall submit to AT&T any necessary additions, deletions or modifications at least thirty (30) calendar days prior to the directory close date.
- 2.5 Publication schedules for the White Pages: CLEC can access, via the AT&T CLEC Online website, the directory close dates for areas where CLEC is providing local service. AT&T will provide directory schedule updates, including the directory schedule for a new calendar year, not later than thirty (30) calendar days prior such changes becoming effective.
- 2.6 Each CLEC subscriber will receive one copy per primary End User listing, as provided by CLEC, of AT&T's White Pages directory in the same manner and at the same time that they are delivered to AT&T subscribers during the annual delivery of newly published directories.
- 2.6.1 AT&T will deliver one copy per primary End User listing of AT&T's White Pages, as described in Section 2.6 above, at no charge. AT&T has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's End Users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with AT&T's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.
- 2.7 AT&T shall direct its directory publishing Affiliate to offer CLEC the opportunity to include in the "Information Pages", or comparable section of its White Pages directories (covering the territory where CLEC is certified to provide local service), information provided by CLEC for CLEC installation, repair, customer service and billing information. AT&T's directory publishing Affiliate will include such CLEC information in the "Information Pages" pursuant to terms and conditions agreed to by the publishing Affiliate and CLEC.

3. USE OF SUBSCRIBER LISTING INFORMATION

- 3.1 AT&T agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T's subscriber listing information. In exchange for AT&T serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T to include and use the CLEC subscriber listing information provided to AT&T pursuant to this Appendix in AT&T's White Pages directory, AT&T's Directory Assistance databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is the release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and to directory publishers as required in Section 251(b)(3) and any applicable regulations and orders. Also included in this authorization is AT&T's use of CLEC's subscriber listing information in AT&T's directory assistance, directory assistance related products and services, and directory publishing products and services.
- 3.2 AT&T further agrees not to charge CLEC for serving as the single point of contact with independent and third party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC's subscriber list information to directory publishers, CLEC agrees

that it will receive no compensation for AT&T's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be intermingled with AT&T's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T.

4. RATES

4.1 Rates associated with this Attachment are in the Pricing Schedule.

5. LIABILITY

5.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 20: ABT-BILLING-COLLECTING -REMITTING (BCR) AND CLEARINGHOUSE (CH)

WHEREAS, AT&T SOUTHWEST REGION 5-STATE operates a Clearinghouse (CH), as described below, for its own behalf and that of participating facility-based LECs and facility-based CLECs; and,

WHEREAS, facility-based CLEC will participate in the CH on the terms set forth herein;

The Parties agree to the following:

This Attachment set forth the terms and conditions that apply to those Telecommunications Services for which Charges are billed and collected by one Local Exchange Carrier (LEC) or CLEC but earned by another LEC; and to establish procedures for Billing, Collecting and Remitting (BCR) of such Charges and for Compensation for services performed in connection with BCR of such Charges and for the settlement of Alternately Billed Traffic (ABT) utilizing the Clearinghouse (CH) process. For purposes of this Agreement, this attachment is only applicable to the AT&T Southwest Region 5-STATE.

1. CLEARINGHOUSE DESCRIPTION

1.1 AT&T SOUTHWEST REGION 5-STATE operates a CH for the purpose of facilitating the exchange of certain alternatively billed intrastate intraLATA message toll call records and the reporting of settlement revenues owed by and among participating LECs including AT&T SOUTHWEST REGION 5-STATE and CLEC.

2. QUALIFYING MESSAGE CRITERIA

2.1 The only toll call messages that qualify for submission to AT&T SOUTHWEST REGION 5-STATE for CH processing are: (a) intrastate intraLATA sent collect (including calling card, collect and third number) messages which are originated in one LEC or CLEC exchange, exclusively carried by a LEC or CLEC over LEC or CLEC facilities and billed to a customer located in a second LEC's or CLEC exchange within the same state; or (b) intrastate intraLATA sent collect (but limited to calling card and third number) messages originated in one of AT&T SOUTHWEST REGION 5-STATE's operating areas (located in parts of Texas, Arkansas, Kansas, Missouri or Oklahoma), exclusively carried by a LEC or CLEC over LEC or CLEC facilities, and billed to a customer located in a second LEC's or CLEC exchange and not in the originating State.

3. RESPONSIBILITIES OF THE PARTIES

3.1 CLEC agrees that it will provide AT&T SOUTHWEST REGION 5-STATE with billing records for CH processing that are in an industry standard format acceptable to AT&T SOUTHWEST REGION 5-STATE and that at a minimum will display the telephone number of the end user to whom the call is to be billed and data about the call sufficient for a carrier to comply with all applicable state regulatory requirements. For purposes of this Attachment, these records ("CH Records") will detail intraLATA toll calls which were originated by use of the single digit access code (i.e., 0+ and 0-) in one LEC or CLEC exchange but are to be billed to an end user in a second LEC's or CLEC exchange. Such records are referred to as category 92 records for CH processing purposes. The term "CH Record" will mean the call detail attributed to a single completed toll message.

3.2 CLEC agrees that all CH Records it generates will display indicators denoting whether category 92 Records should be forwarded to AT&T SOUTHWEST REGION 5-STATE 's CH. CLEC will retain its originating records for ninety (90) days such that the category 92 Records can be retransmitted to AT&T SOUTHWEST REGION 5-STATE for CH processing, if needed.

- 3.3 AT&T SOUTHWEST REGION 5-STATE will provide and maintain such systems as it believes are required to furnish the CH service described herein. AT&T SOUTHWEST REGION 5-STATE , in its capacity as operator of the CH, agrees to retain all CH Records processed through the CH for two (2) years.
- 3.4 CLEC will timely furnish to AT&T SOUTHWEST REGION 5-STATE all CH Records required by AT&T SOUTHWEST REGION 5-STATE to provide the CH service in accordance with the Technical Exhibit Settlement Procedures (TESP) dated March 25, 1996, or as otherwise mutually agreed upon by the Parties. AT&T SOUTHWEST REGION 5-STATE will provide the CH service in accordance with the TESP and such modifications as are subsequently agreed upon.
- 3.5 Presently, in operating the CH, AT&T SOUTHWEST REGION 5-STATE relies upon NXX codes to identify messages for transmission to participating billing companies. To the extent any subprocesses are required to settle CH messages due to the use of ported numbers, such subprocessing will be the responsibility of the porting entity.

4. PROCESSING CHARGE

- 4.1 CLEC agrees to pay AT&T SOUTHWEST REGION 5-STATE a processing charge in consideration of AT&T SOUTHWEST REGION 5-STATE 's performance of CH services. This charge is per originated CH Record processed on behalf of CLEC identified in Appendix Pricing Schedule.

5. BILLING CHARGE

- 5.1 CLEC agrees to pay a per message charge to the LEC responsible for billing the message, including AT&T SOUTHWEST REGION 5-STATE when AT&T SOUTHWEST REGION 5-STATE bills the message. This charge is identified in Appendix Pricing Schedule.

6. SETTLEMENT REPORT

- 6.1 AT&T SOUTHWEST REGION 5-STATE will issue monthly reports containing the results of the processing of CH Records to each participating LEC and CLEC. These reports list the (a) amounts owed by CLEC for billing messages originated by others; (b) amounts due to CLEC for CLEC-originated messages billed by others; (c) applicable billing charges; and (d) processing charges.

7. RETROACTIVE AND LOST MESSAGES

- 7.1 The Parties agree that processing of retroactive messages through the CH is acceptable, if such messages utilize the industry standard format for call records, pursuant to Section 3.0 of this Attachment. The Parties agree that lost messages are the complete responsibility of the originating LEC or CLEC. If messages are lost by any Party, and cannot be recreated or retransmitted, the originating LEC or CLEC will estimate messages, minutes, and associated revenues based on the best available data. No estimate will be made for messages which are more than two years old at the time the estimate is made. The estimates will be off-line calculations (i.e., not part of the routine CH processing) and will be included as a supplement to the monthly settlement report.

8. BCR GENERAL PROVISIONS

"Billing, Collecting and Remitting" (BCR) means the process and support systems used in AT&T SOUTHWEST REGION 5-STATE for which intrastate/intraLATA local ABT calls are settled among participating LECs and CLECs.

- 8.1 This Attachment shall apply to AT&T SOUTHWEST REGION 5-STATE procedures for the BCR of revenues (and Compensation to either Party for BCR of such revenues) derived from the following services:
- 8.1.1 LEC-carried local messages of the following types:
 - 8.1.1.1 Local Message service Charges billed to a calling card or to a third number.
 - 8.1.1.2 Directory Assistance calls charged to a calling card or to a third number.
 - 8.1.1.3 Public Land Mobile Radiotelephone Transient-Unit Local Message Service (Mobile Channel Usage Link Charge).
 - 8.1.1.4 Maritime Mobile Radiotelephone Service and Aviation Radiotelephone Service (Marine, Aircraft, High Speed Train Radio Link Charges).
- 8.2 BCR Responsibilities of the Parties
- 8.2.1 CLEC agrees to BCR to AT&T SOUTHWEST REGION 5-STATE the Charges for the services described in Section 8.1 above which Charges are earned by any LEC (including AT&T SOUTHWEST REGION 5-STATE) but which are to be billed to End Users of the CLEC by the CLEC.
 - 8.2.2 In those cases in which the Charges for the services listed in Section 8.1 above are due any LEC other than AT&T SOUTHWEST REGION 5-STATE, AT&T SOUTHWEST REGION 5-STATE will arrange to transfer these Charges to the appropriate LEC in accordance with accepted industry standards.
 - 8.2.3 Charges for the services listed in Section 8.1 above to be billed, collected and remitted by CLEC for AT&T SOUTHWEST REGION 5-STATE's benefit, shall be remitted by CLEC to AT&T SOUTHWEST REGION 5-STATE within thirty (30) calendar days of the date of AT&T SOUTHWEST REGION 5-STATE's bill to CLEC for such services.
 - 8.2.4 AT&T SOUTHWEST REGION 5-STATE agrees to bill and collect (or when another LEC agrees to bill and collect) and to remit to CLEC, the Charges for the services described in Section 8.1 above which Charges are earned by CLEC, but which are to be billed by another LEC (including AT&T SOUTHWEST REGION 5-STATE to the End Users of that LEC).
 - 8.2.5 Charges for the services listed in Section 8.1 to be billed, collected and remitted by AT&T SOUTHWEST REGION 5-STATE or another LEC for CLEC's benefit, shall be remitted by AT&T SOUTHWEST REGION 5-STATE to CLEC within thirty (30) calendar days of the date of CLEC's bill to AT&T SOUTHWEST REGION 5-STATE for such services.
 - 8.2.6 The full amount of the Charges transmitted to either Party for BCR shall be remitted by the other Party, without setoff, abatement or reduction for any purpose, other than to deduct the Compensation due the Party for performing the End User billing function, as described in Section 8.3 below. The Party billing the End User shall be responsible for all uncollectible amounts related to the services described remitted in Section 8.1 above. Notwithstanding this paragraph, AT&T SOUTHWEST REGION 5-STATE may net amounts due to CLEC under this Attachment against amounts owed to AT&T SOUTHWEST REGION 5-STATE when AT&T SOUTHWEST REGION 5-STATE renders a bill to CLEC hereunder.

- 8.2.7 Each Party will furnish to the other such information as may be required for monthly billing and remitting purposes.
- 8.2.8 AT&T SOUTHWEST REGION 5-STATE assumes no responsibility with regard to the accuracy of the data supplied by CLEC when this data is accessed and used by a Third Party.

9.0 BCR Product Specific Service Delivery Provisions

A Party performing the services described in Section 8.1 above will compensate the other Party for each charge billed at the rates set forth in the Pricing Schedule. Such Compensation shall be paid (unless a Party has collected such Compensation as described in Section 8.2.6 above) within thirty (30) calendar days of the date of a bill for such Compensation by the Party performing (or which has another LEC perform for it), the BCR functions described in Section 8 above.

10. LIMITATION OF LIABILITY

- 10.1 By agreeing to operate the CH, AT&T SOUTHWEST REGION 5STATE assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that AT&T SOUTHWEST REGION 5-STATE will not be liable to it for damages (including, but not limited to, lost profits and exemplary damages) which may be owed to it as a result of any inaccurate or insufficient information resulting from any entity's actions, omissions, mistakes, or negligence and upon which AT&T SOUTHWEST REGION 5-STATE may have relied in preparing settlement reports or performing any other act under this Attachment.
- 10.2 CLEC agrees to indemnify and hold AT&T SOUTHWEST REGION 5-STATE harmless against and with respect to any and all third party claims, demands, liabilities or court actions arising from any of its actions, omissions, mistakes or negligence occurring during the course of AT&T SOUTHWEST REGION 5-STATE's performance of CH processing pursuant to this Attachment.
- 10.3 AT&T SOUTHWEST REGION 5-STATE will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of the CH services provided pursuant to this Attachment, including those arising from associated equipment and data processing systems, except such losses or damages caused by the sole negligence of AT&T SOUTHWEST REGION 5-STATE . Any losses or damage for which AT&T SOUTHWEST REGION 5-STATE is held liable under this Attachment will in no event exceed the amount of processing charges incurred by CLEC for the CH services provided hereunder during the period beginning at the time AT&T SOUTHWEST REGION 5-STATE receives notice of the error, interruption, defect, failure or malfunction, to the time service is restored.

11. DISCLAIMER OF WARRANTIES

- 11.1 AT&T SOUTHWEST REGION 5-STATE MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR INTENDED OR PARTICULAR PURPOSE WITH RESPECT TO SERVICES PROVIDED HEREUNDER. ADDITIONALLY, AT&T SOUTHWEST REGION 5-STATE ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY CLEC WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

ATTACHMENT 21: NUMBERING

This Attachment 21: Numbering sets forth the terms and conditions under which the Parties will coordinate with respect to numbering resources consistent with the industry guidelines and with applicable law as administered by NANPA (North American Numbering Plan Administrator) and the Number Pooling Administrator (PA).

1. NUMBERING

- 1.1 Nothing in this Section will be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any NANP numbers including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines ATIS-0300051 or the Thousands-Block Number (NXX-X) Pooling Administration Guidelines (ATIS-0300066), or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes and blocks. Each Party is responsible for administering the NXX codes and blocks assigned to it.
- 1.2 Each Party agrees to make available to the other, via the Telcordia® LERG™ Routing Guide (LERG) up-to-date listings of its own assigned NPA-NXX codes and blocks, along with associated Rating Points and Exchanges.
- 1.3 Intentionally Left Blank.
- 1.4 It will be the responsibility of each Party to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes and blocks at all times. Neither Party will impose fees or charges on the other Party for such required programming and updating activities.
- 1.5 Each Party is responsible to input required data into the Telcordia Business Integrated Routing and Rating Database System (BIRRDs) and other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.
- 1.6 Neither Party is responsible for notifying the other Parties' end users of any changes in dialing arrangements, including those due to NPA exhaust, unless otherwise ordered by the Commission, the FCC, or a court.

2. NXX CODES

- 2.1 In those Metropolitan Exchange Areas where CLEC intends to provide local exchange service, CLEC shall obtain a separate NXX code for each AT&T exchange or group of exchanges that share a common mandatory calling scope as defined in AT&T tariffs. This will enable CLEC and AT&T to identify the jurisdictional nature of traffic for intercompany compensation until such time as both parties have implemented billing and routing capabilities to determine traffic jurisdiction on a basis other than NXX codes.

3. NXX MIGRATION

- 3.1 Where either Party has activated an entire NXX for a single end user, or activated more than half of an NXX for a single end user with the remaining numbers in that NXX either reserved for future use or otherwise unused, and such End-User chooses to receive 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 provided that the requested rate center is the same rate center that physically serves the customer in a non-foreign exchange arrangement. Such transfer will require development of a transition process to minimize impact on the Network and on the end user(s)' service and will be subject to appropriate industry lead times (currently forty-five (45) days) for movements of NXXs from one switch to another. The Party to whom the NXX is migrated will pay NXX migration charges per NXX to the Party formerly assigned the NXX as described in the Pricing Appendix under "OTHER," or at a price mutually agreed upon by the

parties, if no price exists. Absent a listed price or a mutually agreed upon price, the transfer will not be performed.

ATTACHMENT 22: DA-FACILITIES BASED AT&T-PROVIDED DIRECTORY ASSISTANCE

This Attachment 22: DA-Facilities Based sets forth the terms and conditions under which AT&T agrees to provide Directory Assistance (DA) for CLEC as a facilities based switch provider.

1. SERVICES

- 1.1 DA consists of providing subscriber listing information (name, address, and published or non-list telephone number or an indication of non-published status) to CLEC's customers who call DA according to current AT&T methods and practices or as subsequently modified.
- 1.2 Directory Assistance Call Completion (DACC) service consists of AT&T completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. AT&T will provide DACC to CLEC's customers for local, intrastate IntraLATA and, if available, interstate IntraLATA calls.
- 1.3 AT&T agrees to provide DACC only in areas where CLEC can furnish Automatic Number Identification (ANI) from CLEC's customers to AT&T's switch and where CLEC obtains DA service from AT&T.
 - 1.3.1 Subsequent to the DA query and release of the DA call to AT&T's IVS, AT&T will deliver the call with the required signaling and data to CLEC to complete the call.
- 1.4 CLEC commits that AT&T's provision of DACC does not interfere with any contractual arrangement that CLEC has with another operator services provider. CLEC agrees to indemnify AT&T from any and all causes of action which may be brought by an alternate operator services provider based on allegations that AT&T has interfered with any such contractual arrangement solely by virtue of AT&T's provision of DACC to CLEC under this Attachment.
- 1.5 When CLEC uses Directory Assistance Services described above, AT&T will charge the prices in the Pricing Schedule.

2. DEFINITIONS - The following terms are defined as set forth below:

- 2.1 Directory Assistance Services. AT&T will provide the following DA Services:
 - 2.1.1 Local Directory Assistance. Consists of providing published name, address and telephone number to the dialing end user.
 - 2.1.2 Directory Assistance Call Completion (DACC) [Sometimes also known as "Express Call Completion" (ECC)]. A service in which a local or an intraLATA call to the requested number is completed on behalf of the DA end user, utilizing an automated voice system or with operator assistance.
 - 2.1.3 National Directory Assistance (NDA) A service whereby callers may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.
 - 2.1.4 Reverse Directory Assistance (RDA) An Information Service consisting of providing listed local and national name and address information associated with a telephone number provided by the individual originating the call from a LWCAL.
 - 2.1.5 Business Category Search (BCS) A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
 - 2.1.6 Emergency Non-pub Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a nonpublished end user with the calling party's name and number, and a short message about the nature of the

emergency, without releasing the nonpublished end user's telephone number to the calling party.

- 2.2 Non-List Number - A Telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling an AT&T DA Operator.
- 2.3 Non-Published Number - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by a AT&T DA Operator.
- 2.4 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling an AT&T DA Operator.
- 2.5 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).
- 2.6 IntraLATA Foreign NPA (FNPA) - Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate intraLATA or intrastate intraLATA DA calls.

3. CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

- 3.1 The process by which an Operator, either live or recorded, will identify the DA provider as being CLEC. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of DA in the name of CLEC.
 - 3.1.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC or CLEC will indicate to AT&T that a silent brand should be loaded. The standard phrase will be consistent with the general form and content currently used by the Parties in branding their respective services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.
- 3.2 AT&T Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users as required by Section 226(b)(1)(C) of the Act. Rate/Reference information will be provided under the following terms and conditions:
 - 3.2.1 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when they are to be provided by AT&T. If CLEC does not provide the Rate information and branding phrase as required in this Section, AT&T will brand the DA service provided to CLEC as AT&T DA service
 - 3.2.2 CLEC will inform AT&T, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide AT&T updated Rate information in advance of when the Rates are to become effective.
 - 3.2.3 In all cases when AT&T receives a rate request from a CLEC end user, AT&T will quote the Directory Assistance rates provided by CLEC.
 - 3.2.4 An initial non-recurring charge will apply for loading CLEC's Directory Assistance Rate information as well as a charge for each subsequent change to CLEC's Directory Assistance Reference information as provided in the Pricing Schedule of this Agreement.
- 3.3 AT&T will brand Directory Assistance and Operator Services in the name of CLEC starting not later than thirty (30) days after the Effective Date of the Agreement and will complete implementation of this process in all AT&T Operator and Directory Assistance platforms not later than five (5) months after the Effective Date of the Agreement. In the interim, AT&T will, if allowed by federal and state law and regulatory rules, unbrand competitive LEC operator services and directory assistance calls that are branded by live operators. CLEC will not request interim unbranding of Directory Assistance and

Operator Services for calls that are branded by automated systems until such time as AT&T's operator services platforms are capable of re-branding. The schedule is dependent upon the ability of AT&T's vendor to meet its current commitment; however, AT&T will use its best efforts to manage the vendor to meet said date.

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from AT&T.
- 4.2 AT&T will provide and maintain its own equipment to furnish DA Services.
- 4.3 AT&T will provide DA Service to CLEC customers using current and updated DA records and in accordance with AT&T's current methods, practices, and procedures or as subsequently modified.
- 4.4 AT&T will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or 1+NPA+555+1212.
- 4.5 AT&T will include current CLEC customer listing information in AT&T's DA database.

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 The Party(ies) that provide the circuits between CLEC and AT&T offices will make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6. RESPONSIBILITIES OF CLEC

- 6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the AT&T serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.
- 6.2 CLEC will furnish to AT&T, thirty (30) days in advance of the date when the DA services are to be undertaken, all end user records and information required by AT&T to provide the service.
- 6.3 CLEC will update end user directory assistance listing information using reporting forms and procedures that are mutually acceptable to both Parties. CLEC will send the DA records to AT&T via a local manual service order, T-TRAN, magnetic tape or by any other mutually agreed to format or media.
- 6.4 When CLEC desires to customize route Directory Assistance and such routing capability is not currently technically available, CLEC agrees that AT&T will be the sole provider of such services for each end office, where such services are provided, until customized routing has been available for three months. In this event, such services will be provided until the Parties mutually agree on a conversion date for the customized routing of such calls. Where customized routing has been available for three months in an end office, and CLEC chooses not to customize route the DA calls, CLEC agrees that AT&T will be the sole provider of DA for one year from the effective date listed in this Attachment.

7. PRICING

- 7.1 The charges for Directory Assistance are outlined in the Pricing Schedule.

8. MONTHLY BILLING

- 8.1 AT&T will render monthly billing statements to CLEC for DA Service, and remittance in full will be due within thirty (30) days of receipt.

8.2 AT&T will forward with Directory Assistance and Operator Services calls from CLEC customers the appropriate line data required by CLEC to identify the type of line for the purposes of call handling and recording.

9. LIABILITY

9.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 23: OS-FACILITIES BASED

AT&T-PROVIDED LOCAL & INTRALATA OPERATOR SERVICES

This Attachment 23: OS-Facilities Based to the Agreement sets forth the terms and conditions under which AT&T agrees to provide local and IntraLATA operator services (Operator Services) for CLEC as a facilities based switch provider. This Attachment applies only to Operator Services provided within a Local Access and Transport Area (LATA).

1. OPERATOR SERVICES

- 1.1 Definition: Operator Services (OS) provides operator and automated call handling and billing, special services and optional call completion services.
- 1.2 Fully-Automated - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of an AT&T Operator, hereafter called Operator. AABS allows the caller the option of using the AABS audio response system. AABS will be offered in areas where facilities exist and where CLEC has Automatic Number Identification (ANI) equipment and TOUCH-TONE service in place. AABS cannot be activated from a rotary telephone and failure or slow response by the caller to the audio prompts will bridge an Operator to the caller for further assistance. The called party must also have TOUCH-TONE service to accept calls that are billed collect or to a third number.
- 1.3 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.
- 1.4 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.

2. CALL TYPES - AT&T will provide to CLEC the call types in Sections 2.1 through 2.7 below:

- 2.1 Fully Automated Station-to-Station - This service is limited to those calls placed collect or billed to a third number. The caller dials 0 plus the telephone number desired, the service selection codes and/or billing information as instructed by the AABS equipment. The call is completed without the assistance of an Operator. This service may also include the following situations:
 - 2.1.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).
 - 2.1.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.
 - 2.1.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.
- 2.2 Semi-Automated Station-To-Station - This service is limited to those calls placed sent paid, collect or billed to a third number. The caller dials 0 plus the telephone number desired and the call is completed with the assistance of an Operator. This service may also include the following situations:
 - 2.2.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).
 - 2.2.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.
- 2.3 Semi-Automated Person-To-Person - A service in which the caller dials 0 plus the telephone number desired and specifies to the Operator the particular person to be reached or a particular PBX station,

- department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. This service may also include the following situations:
- 2.3.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.
 - 2.3.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.
 - 2.4 Operator Handled Station-To-Station - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
 - 2.5 Operator Handled Person-To-Person - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.
 - 2.6 Operator Transfer Service - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in AT&T's Operator Transfer Service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.
 - 2.7 Call Branding/Rate Reference - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of Operator Services in the name of CLEC or load a silent brand at the CLECs request.
 - 2.7.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC. The standard phrase will be consistent with the general form and content currently used by the Parties in branding their respective services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.
 - 2.8 AT&T Operator Services operators will provide Operator Services Rates/Reference Information upon request to CLEC's end users.

3. OTHER OPERATOR ASSISTANCE SERVICES

- 3.1 Line Status Verification - A service in which the caller asks the Operator to determine the busy status of an access line.
- 3.2 Busy Line Interrupt - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of the interrupt or the parties interrupted refuse to terminate the conversation in progress.
- 3.3 Handling of Emergency Calls To Operator - To the extent CLEC's NXX encompasses multiple emergency agencies, AT&T will agree to query the caller as to his/her community and to transfer the caller to the appropriate emergency agency for the caller's community. CLEC will provide to AT&T the communities associated with CLEC's NXX(s).
- 3.4 Calling Card - Calls billed to a CLEC proprietary calling card (0+ or 0- access) will be routed via transfer to the CLEC operator.

- 3.5 The Parties agree that, in the event of an emergency wherein a CLEC customer must reach a non-CLEC customer that has a non-published telephone number, the CLEC operator will contact AT&T's operator and request the assistance of a supervisor to the extent done by AT&T's operators.
- 3.6 Call Branding/Rate Reference - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. AT&T will offer Call Branding of Operator Services in the name of CLEC. When CLEC uses Call Branding, the applicable prices as referenced in Section 7 PRICING of Attachment 23 (OS) will apply. In the event that the phraseology for branding OS calls is the same phraseology for branding DA calls, only one charge will apply per initial loading or subsequent change.
- 3.6.1 CLEC will provide AT&T with the specific branding phrase to be used to identify CLEC. The standard phrase will be consistent with the general form and content currently used by the Parties in branding their respective services (e.g., "bong" CLEC).
- 3.6.2 AT&T will brand Directory Assistance and Operator Services in the name of CLEC starting not later than thirty (30) days after the Effective Date of the Agreement and will complete implementation of this process in all AT&T Operator and Directory Assistance platforms not later than five (5) months after the Effective Date of the Agreement. In the interim, AT&T will, if allowed by federal and state law and regulatory rules, unbrand competitive LEC operator services and directory assistance calls that are branded by live operators. CLEC will not request interim unbranding of Directory Assistance and Operator Services for calls that are branded by automated systems until such time as AT&T's operator services platforms are capable of re-branding. The schedule is dependent upon the ability of AT&T's vendor to meet its current commitment; however, AT&T will use its best efforts to manage the vendor to meet said date.
- 3.6.3 During the limited time while AT&T is providing OS/DA services pending implementation of full scale AIN customized routing, AT&T Operator Services operators will provide Operator Services Rates/Reference Information upon request to CLEC's end users, as required by Section 226(b)(1)(C) of the Act. Rate/Reference information will be provided under the following terms and conditions:
- 3.6.4 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when they are to be provided by AT&T. If CLEC does not provide the Rate information and branding phrase as required in this Section, AT&T will brand the OS service provided to CLEC as AT&T OS service.
- 3.6.5 CLEC will inform AT&T, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide AT&T updated Rate information in advance of when the Rates are to become effective.
- 3.6.6 In all cases when AT&T receives a rate request from a CLEC end user, AT&T will quote the Operator Services rates provided by CLEC.
- 3.6.7 An initial non-recurring charge will apply for loading CLEC's Operator Services Rate information as well as a charge for each subsequent change to CLEC's Operator Services Reference information in the Appendix Pricing Schedule of this Agreement.

4. RESPONSIBILITIES OF AT&T

- 4.1 AT&T will provide and maintain such equipment as is required to furnish the Operator Services as described in this Attachment.
- 4.2 Facilities necessary for AT&T to provide Operator Services to CLEC will be provided by AT&T using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.

- 4.3 AT&T will provide Operator Services in accordance with the operator methods and practices in effect for AT&T at the time the call is made, unless otherwise agreed in writing by both Parties.
- 4.4 AT&T will accumulate and provide CLEC such data as necessary for CLEC to verify traffic volumes and bill its customers.
- 4.5 AT&T will deliver the call with the required signaling and data to CLEC to complete the call.

5. RESPONSIBILITIES OF BOTH PARTIES

- 5.1 The Party(ies) that provide the circuits between CLEC and AT&T offices will make such circuits available for use in connection with the OS services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6. RESPONSIBILITIES OF CLEC

- 6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the AT&T serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.
- 6.2 CLEC will furnish in writing to AT&T, thirty (30) days in advance of the date when the OS services are to be undertaken, all end user records and information required by AT&T to provide the Service.
- 6.3 CLEC will furnish all records required by AT&T to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by AT&T. CLEC will provide the initial data by a date mutually agreed to between CLEC and AT&T. CLEC will keep this data current by using procedures mutually agreed to by CLEC and AT&T. CLEC will provide all data and changes to AT&T in the mutually agreed to format(s).
- 6.4 As to any end office where AT&T furnishes the Operator Services provided by this Attachment, CLEC agrees that AT&T will be the sole provider of local and intraLATA toll Operator Services provided to CLEC in such end offices for the period of time mutually agreed to by the Parties. When CLEC desires to customize route Operator Services and such routing capability is not currently technically available, CLEC agrees that AT&T will be the sole provider of such services for each end office, where such services are provided, until customized routing has been available for three months. In this event, such services will be provided until the Parties mutually agree on a conversion date for the customized routing of such calls. Where customized routing has been available for three months in an end office, and CLEC chooses not to customize route the OS calls, CLEC agrees that AT&T will be the sole provider of OS for one year from the effective date.

7. PRICING

- 7.1 The rates for the Operator Services provided are outlined in the Pricing Schedule.

8. MONTHLY BILLING

- 8.1 AT&T will render monthly billing statements to CLEC, and remittance in full will be due within thirty (30) days of receipt.
- 8.2 AT&T will forward with Directory Assistance and Operator Services calls from CLEC customers the appropriate line data required by CLEC to identify the type of line for the purposes of call handling and recording.

9. LIABILITY

- 9.1 Indemnification and limitation of liability of provisions covering the matters addressed in this Appendix are contained in the General Terms and Conditions portion of the Agreement.

ATTACHMENT 24: RECORDING-FACILITIES BASED

This Attachment 24: Recording-Facility Based to the Agreement sets forth the terms and conditions under which AT&T will provide recording, message processing and message detail services to Facilities-Based Providers. The terms and conditions under this Attachment will also apply when the Facility-Based Provider is the Recording Company.

1. DEFINITIONS

As used herein and for the purposes of this Attachment, the following terms shall have the meanings set forth below:

- 1.1 Access Usage Record (AUR) - A message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).
- 1.2 Assembly and Editing - The aggregation of recorded customer message details to create individual message records and the verification that all necessary information required to ensure all individual message records meet industry specifications is present.
- 1.3 Centralized Message Distribution System (CMDS) - The national network of private line facilities used to exchange Exchange Message Interface (EMI) formatted billing data between AT&T and CLEC via the CMDS host.
- 1.4 Data Transmission - The forwarding by AT&T of IXC transported access usage record detail in EMI format over data lines or another mutually agreed-upon medium to CLEC. End User detail may need to be transmitted via the CMDS host.
- 1.5 Exchange Message Interface (EMI) - Industry standard message format as described in accordance with the Bellcore Practice BR010-200-010 developed for the interexchange of telecommunications message information.
- 1.6 Interexchange Carrier (IXC) - A third party transmission provider that carries long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. (In some states IXCs are permitted to operate within a LATA).
- 1.7 Interexchange Carrier Transported - Telecommunications services provided by an IXC or traffic transported by facilities belong to an IXC.
- 1.8 Message Processing - The creation of individual EMI formatted Access Usage Records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure the AURs are consistent with CMDS specifications.
- 1.9 Originating Local Exchange Carrier Company - The company whose local exchange telephone network is used to originate calls thereby providing originating exchange access to IXCs.
- 1.10 Provision of Message Detail - The sorting of all AUR detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through AT&T 's internal network or national CMDS.
- 1.11 Record - A logical grouping of information as described in the programs that process information and create the data files.

- 1.12 Recording - The creation and storage on a mutually agreed-upon medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.
- 1.13 Service Switching Point (SSP) - A signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.
- 1.14 Switching Control Point (SCP) - The real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.
- 1.15 800 SCP Carrier Access Usage Summary Record (SCP Record) - A summary record which contains information concerning the quantity and types of queries launched to an AT&T SCP.
- 1.16 Terminating Local Exchange Carrier Company - The company whose local exchange telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

2. RESPONSIBILITIES OF THE PARTIES

- 2.1 AT&T will record all IXC transported messages that are carried over all Feature Group Switched Access Services that are available to AT&T provided recording equipment or operators. Unavailable messages (i.e., certain operator messages which are not accessible by AT&T provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by AT&T.
- 2.2 AT&T will perform assembly and editing, message processing and provision of applicable AUR detail for IXC transported messages if the messages are recorded by AT&T.
- 2.3 AT&T will provide AURs that are generated by AT&T.
- 2.4 Assembly and editing will be performed on all IXC transported messages recorded by AT&T.
- 2.5 Standard EMI record formats for the provision of access usage record detail will be established by AT&T and provided to CLEC.
- 2.6 Recorded AUR detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.
- 2.7 AT&T will provide message detail to CLEC in data files, (a File Transfer Protocol or Connect:Direct "NDM"), or any other mutually agreed upon process to receive and deliver messages using software and hardware acceptable to both Parties. In order for CLEC to receive end user billable records, CLEC may need to obtain CMDS Hosting service from AT&T or another CMDS Hosting service provider.
- 2.8 CLEC will identify separately the location where any data transmissions should be sent (as applicable) (AT&T reserves the right to limit the frequency of transmission to existing AT&T processing and work schedules, (holidays, etc., i.e., holidays, weekends).
- 2.9 AT&T and CLEC will mutually agree to follow CMDS industry standards for the packaging of records which determine the number of data files required to provide the AUR detail to CLEC.
- 2.10 Recorded message detail previously provided CLEC and lost or destroyed through no fault of AT&T will not be recovered and made available to CLEC except on an individual case basis at a cost determined by AT&T.
- 2.11 AT&T will record the applicable detail necessary to generate AUR and forward them to CLEC for its use in billing access to the IXC.
- 2.12 When CLEC is the Recording Company, the CLEC agrees to provide its recorded billable messages detail and access usage record detail data to AT&T under the same terms and conditions of this Attachment.

3. BASIS OF COMPENSATION

3.1 AT&T as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for Access Usage Records (AURs) ordered/required by the CLEC in accordance with this Attachment on a reciprocal, no-charge basis. CLEC, as the Recording Company, agrees to provide any and all Access Usage Records (AURs) required by AT&T on a reciprocal, no-charge basis. The Parties agree that this mutual exchange of records at no charge to either Party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.

4. LOSS OF USAGE:

4.1 Except as otherwise provided herein, neither Party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A Party shall not be liable for its inability to meet the terms of this Agreement where such inability is caused by failure of the first Party to comply with the obligations stated herein. Each Party is obliged to use its best efforts to mitigate damages.

4.2 When either Party is notified that, due to error or omission, incomplete data has been provided to non-Recording Company, each Party will make reasonable efforts to locate and/or recover the data and provide it to the non-Recording Company at no additional charge. Such requests to recover the data must be made within sixty (60) calendar days from the date the details initially were made available to non-Recording Company. If written notification is not received within sixty (60) days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the non-Recording Company.

4.3 If, despite timely notification by the non-Recording Company, AUR detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of AUR detail, both Parties will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, the Recording Company's liability will be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost AUR detail.

4.4 Each Party will not be liable for any costs incurred by the other Party when transmitting data files via data lines and a transmission failure results in the nonreceipt of data.

5. INDEMNIFICATION

5.1 Except as otherwise expressly provided in this Attachment, Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

6. WARRANTIES

6.1 AT&T ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY CLEC WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

ATTACHMENT 25: LINE SPLITTING AND XDSL APPENDIX

Line Splitting and xDSL Loops and xDSL Subloops: AT&T will make available xDSL loops and xDSL subloops for the provision of xDSL-based services, and xDSL loops for purposes of line splitting, in accordance with the FCC's *Triennial Review Order* and *Triennial Review Remand Order* and associated lawful and effective implementing rules, 47 C.F.R. §51.319(a)(1)(i)-(iv) and (b)(1), as such rules may be modified from time to time.

1. GENERAL

- 1.1 Deployment of xDSL Technologies: AT&T will provide xDSL loops and xDSL subloops for CLEC to deploy xDSL technologies presumed acceptable for deployment or non-standard xDSL technologies as defined in this Agreement and as provided for under the applicable lawful and effective FCC rules, 47 C.F.R. §51.230, as such rule may be modified from time to time.
- 1.2 AT&T will not guarantee that an xDSL loop and xDSL subloop ordered by CLEC will perform as desired by CLEC for xDSL-based services, but will guarantee that loops will be provisioned to meet basic metallic loop parameters, including continuity and pair balance. CLEC shall designate on its LSR, at CLEC's sole option, what loop conditioning AT&T is to perform in provisioning the order.
- 1.3 Intentionally Left Blank

2. LOOP MAKEUP INFORMATION AND ORDERING

- 2.1 AT&T will provide CLEC with nondiscriminatory access to its loop makeup information set forth originally in AT&T's Advanced Service OSS Plan of Record via: (i) a mechanized loop qualification for real-time access to data available electronically in AT&T's databases; or (ii) manual loop qualification for information not available electronically (which will carry an interval of 3-5 business days or the interval provided to AT&T's advanced services affiliate). CLEC will be given nondiscriminatory access to the same loop makeup information that AT&T is providing to any other CLEC, AT&T's retail operations and/or its advanced services affiliate. AT&T's uniform GUI and application to application OSS interfaces allow CLEC, AT&T's retail operations and/or its advanced services affiliate, to have real time electronic access as a preordering function to the loop makeup information.

3. PROVISIONING INTERVALS

- 3.1 AT&T's provisioning intervals per order per end-user location shall be the intervals set forth below or the associated interval applicable to AT&T's advanced services affiliate, whichever is less.
- 3.2 Where no conditioning or outside plant rearrangements necessary:
 - 3.2.1 Intentionally Left Blank
 - 3.2.2 xDSL Loops (i.e., 2-wire xDSL Loop, 4-wire xDSL Loop and IDSL Loop – collectively xDSL Loops): five (5) business days. xDSL Subloops shall have the same provisioning interval as the xDSL Loops following completion of the Subloop Access Arrangement (SAA).
 - 3.2.3 With conditioning or outside plant rearrangements - xDSL Loops: ten (10) business days. xDSL Subloops shall have the same provisioning interval following completion of the SAA.

4. LOOP CONDITIONING

- 4.1 AT&T will condition xDSL loops, xDSL subloops in accordance with the lawful and effective requirements of 47 C.F.R. §51.319(a)(1)(iii); provided, however: (i) If load coils, repeaters or Excessive Bridged Tap are present on a loop less than 12,000 feet in actual loop length, conditioning to remove these elements will be performed without request and at no charge to CLEC; (ii) if the loop qualification indicates conditioning is available on a loop that is 12,000 feet in actual loop length or greater, CLEC may request that no conditioning be performed or that AT&T perform some or all of the available loop conditioning to remove Excessive Bridged Tap, load coils and/or repeaters at the rates set forth in the Pricing Schedule.

4.2 Removal of All or Non-Excessive Bridged Tap ("RABT"):

- 4.2.1 CLEC may request RABT conditioning via a trouble ticket after its service order for the xDSL Loop or xDSL Subloop has been completed; provided, however, CLEC shall assist in trouble isolation for RABT-related initial trouble tickets by obtaining and providing to AT&T interferer information on the loop at the time of opening the trouble ticket. CLEC should utilize its testing equipment to determine the following: the number and location of load coil(s), repeater(s) and bridged tap(s), including the length of individual sections. If an RABT trouble ticket is opened, and it is later determined by AT&T that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed as a 'No Trouble Found' (NTF) and CLEC shall pay the Maintenance of Service charges referenced in Section 7.2 below.
- 4.2.2 CLEC may open an RABT trouble ticket via one of the following two methods: (i) by calling the WCMC and opening a manual ticket with its specific RABT conditioning request; or (ii) by opening an electronic bonding ticket and in such case, shall identify its specific RABT conditioning request in the remarks field. If the specific RABT conditioning request is not documented on the CLEC trouble ticket, the trouble ticket will be returned to CLEC for specific information. Upon CLEC's request, the WCMC will also investigate and address any AT&T non-conditioning related reasons for any No Sync situation, or ensure CLEC's RABT request is appropriate by verifying the subject bridged tap is located on the loop, but AT&T does not guarantee the synchronization of any loop. In either case, when Excessive Bridged Tap is present on the loop, CLEC may request the removal of All Bridged Tap; and when Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap. If and when All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the AT&T WCMC. AT&T WCMC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not. In those instances where AT&T removes All or Non-Excessive Bridged Tap upon receipt of an RABT trouble ticket from CLEC under the provisions set forth herein, CLEC shall pay the applicable RABT conditioning charges set forth in the Pricing Schedule for such conditioning work.
- 4.2.3 A trouble ticket opened by CLEC for RABT conditioning will be assigned a zero plus five (0+ 5) business day interval or in parity with the repair intervals AT&T provides to its advanced services affiliate. When AT&T determines it is not possible to perform RABT e.g., in those situations in which (i) municipalities will not grant rights of way to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside the sole control of AT&T, AT&T has no obligation to perform such conditioning.
- 4.2.4 To the extent that CLEC would like the option to request that a loop be conditioned by AT&T to remove any device other than Excessive Bridged Taps, load coils and/or repeaters, or Non-excessive or All Bridged Tap, to make a loop xDSL capable, the Parties shall first meet to negotiate rates, terms and conditions for any such conditioning. In the event the loop over which the end-user is being provided xDSL-based service should require conditioning during non-working hours, the due date may be adjusted consistent with the end-user's release of the voice grade circuit and the Maintenance of Service charges referenced in Section 7.2 below shall apply for the time devoted by AT&T to perform the requested conditioning during non-working hours, in addition to the loop conditioning rates set forth in the Pricing Schedule for the actual loop conditioning work performed.
- 4.3 Maintenance, Repair and Testing: AT&T shall provide Maintenance Repair and Testing in accordance with the lawful and effective requirements of 47 C.F.R. §51.319(a)(1)(iv).
- 4.3.1 Maintenance Scope: AT&T's maintenance shall be as follows: (i) for loops 12,000 feet or less: maintenance shall be limited to assuring loop continuity and balance and verification that the loop was (or is) conditioned as described in Section 4.1 above; (ii) for loops greater than 12,000 feet for which CLEC elected that AT&T not perform any conditioning, maintenance shall be limited to assuring loop continuity and balance. For loops greater than 12,000 for which CLEC requested that AT&T perform some or all of the available conditioning, AT&T will verify continuity, the completion of all requested conditioning and will repair at no charge to CLEC any gross defects which would be

unacceptable for POTS and which do not result from the loop's modified design. AT&T will resolve CLEC-referred trouble tickets in parity with the repair intervals AT&T provides its advanced services affiliate.

- 4.3.2 CLEC Submitted Trouble Ticket: If CLEC submits a trouble ticket to AT&T and the problem is determined by AT&T to be in CLEC's network, data equipment or splitter, CLEC shall pay AT&T, following AT&T closing the trouble ticket, the Maintenance of Service charges referenced in Section 7.2 below. In any such case, when CLEC resolves the trouble condition in its network, data equipment or splitter, CLEC will contact AT&T to advise that the trouble has been resolved.
- 4.3.3 Line and Station Transfer ("LST"): For a loop currently in service where trouble ticket resolution has identified that Excessive Bridged Tap(s), load coil(s) and/or repeater(s) are on the loop and transferring to a new loop is a solution identified by AT&T to resolve a trouble, AT&T, at its sole option, may perform an LST to resolve the identified trouble. In the event that a request for conditioning is received from the CLEC on a loop currently in service and AT&T determines that an LST can be performed, the AT&T WCMC will contact CLEC to inform it of the decision to perform an LST in lieu of CLEC's requested conditioning. In such case, the charge for the LST set forth in the Pricing Schedule shall apply in lieu of any loop conditioning charges which would have applied had the requested conditioning been performed. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an AT&T network-related problem, then CLEC will not be charged the LST rate or for AT&T's resolution of the trouble. If, however, the trouble is found not to be an AT&T network-related problem, then CLEC shall pay the Maintenance of Service charges referenced in Section 7.2 below, in addition to the applicable LST charge.
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 - 4.3.4.1 Intentionally Left Blank
 - 4.3.4.2 Intentionally Left Blank
 - 4.3.4.3 Intentionally Left Blank

5. SPECTRUM MANAGEMENT

- 5.1 The Parties shall comply with the FCC's lawful and effective spectrum management rules, 47 C.F.R. §51.231-233, as such rules may be modified from time to time. CLEC will advise AT&T on the ordering form of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology that CLEC intends to provision, and CLEC will notify AT&T if and when a change in PSD mask is made. AT&T shall use such PSD information solely for inventory and spectrum management purposes and in all cases, will manage the spectrum and differing xDSL services in a competitively neutral manner consistent with all relevant industry standards. AT&T shall not deny CLEC a loop based upon spectrum management issues in the absence of FCC or Commission approval. In the event that the FCC or the industry establishes long-term standards, practices and policies relating to spectrum compatibility and management that differ from those referenced in this Agreement, the Parties shall comply with such standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for implementation; provided, however, if AT&T and/or CLEC is providing xDSL technologies for which there was previously no standard, then that Party must begin the process of bringing its deployed xDSL technology(ies) and equipment into compliance with such standards at its own expense within thirty (30) days after general availability.

6. SPLITTERS

- 6.1 CLEC shall own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters for purposes of line splitting hereunder and shall collocate such splitters in accordance with the collocation provisions set forth elsewhere in this Agreement or as set forth in the applicable Commission-ordered tariff, as applicable, and consistent with AT&T's standard collocation practices and procedures. With respect to any CLEC physical collocation arrangement in which a CLEC splitter is located, CLEC will have test

access to the line side of its splitter (assuming CLEC has provisioned splitter cards that provide test port capabilities). CLEC-owned splitters shall be provisioned using standard AT&T configuration cabling and wiring in AT&T locations and shall adhere to established industry and national standards. CLEC's Connecting Block layouts will reflect standard recognizable arrangements that work in conjunction with AT&T's OSS.

7. PRICING/RATES

- 7.1 Except as otherwise provided below, the rates applicable to xDSL Loops and the associated charges including without limitation, the applicable service order charges and charges for mechanized and manual loop qualification, loop conditioning, cross-connects and LSTs are set forth in the Pricing Schedule.
- 7.2 In those instances specified herein, or in the event that AT&T agrees to perform any additional work on CLEC's behalf that is not explicitly addressed in this Appendix, CLEC shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the AT&T technician time involved in performing such work, pursuant to the Pricing Schedule or Section 13.4.4 of the FCC No. 73 tariffs, as such tariffs may be modified from time to time. If requested by the CLEC, Overtime and Premium time charges will apply as provided for in such FCC tariffs for any work or tests requested by CLEC and performed by AT&T are performed outside of standard business hours.

8. DEFINITIONS APPLICABLE TO THIS APPENDIX

- 8.1 "All Bridged Tap" means both "Excessive" and "Non-excessive" Bridged Tap.
- 8.2 "Commission" means the Oklahoma Corporation Commission, the state agency with regulatory authority over telecommunications in Oklahoma.
- 8.3 "Excessive Bridged Tap" as used herein shall refer to bridged tap in excess of 2,500 feet in total length.
- 8.4 Intentionally Left Blank
- 8.5 "Non-excessive Bridged Tap" as used herein shall refer to bridged tap less than 2,500 feet in total length.
- 8.6 "AT&T" as used herein means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Texas, Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company, Inc. d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Ohio Bell Telephone Company d/b/a AT&T Ohio, Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, the applicable AT&T Inc.-owned ILEC doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Texas, and Wisconsin..
- 8.7 "Splitter" as used herein shall refer to the device that divides the data and voice signals concurrently moving across the loop. The Splitter may be directly integrated into the DSLAM equipment or may be externally mounted in CLEC's collocation arrangement.

ATTACHMENT 27: ACCESS TO OPERATIONS SUPPORT SYSTEMS (OSS)

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to support the services, interconnection and UNES provided under this Agreement so that CLEC can perform pre-ordering, ordering, provisioning, maintenance/repair, and billing. Although this is a Missouri-specific agreement, AT&T's OSS is based upon a 13state platform. In order to access OSS for transactions in other AT&T states, CLEC must have OSS terms and conditions in such state.
- 1.2 **AT&T Inc.** means the holding company which directly or indirectly owns the following ILECs: BellSouth Telecommunications, Inc. d/b/a AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South Carolina, and AT&T Tennessee; Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.
- 1.2.1 **AT&T-2STATE** - As used herein, **AT&T-2STATE** means **AT&T CALIFORNIA** and **AT&T NEVADA**, the applicable AT&T-owned ILEC(s) doing business in California and Nevada.
- 1.2.2 **AT&T-7STATE** - As used herein, **AT&T-7STATE** means **AT&T SOUTHWEST REGION 5-STATE**, **AT&T CALIFORNIA** and **AT&T NEVADA**, the applicable AT&T owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.
- 1.2.3 **AT&T-13STATE** - As used herein, **AT&T-13STATE** means **AT&T SOUTHWEST REGION 5-STATE**, **AT&T MIDWEST REGION 5-STATE**, **AT&T-2STATE** and **AT&T CONNECTICUT** the applicable AT&T owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.
- 1.2.4 **AT&T MIDWEST REGION 5-STATE** - As used herein, **AT&T MIDWEST REGION 5-STATE** means Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, The Ohio Bell Telephone Company d/b/a AT&T Ohio, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, the applicable AT&T-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- 1.2.5 **AT&T CONNECTICUT** - As used herein, **AT&T CONNECTICUT** means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.
- 1.2.6 **AT&T SOUTHWEST REGION 5-STATE** - As used herein, **AT&T SOUTHWEST REGION 5-STATE** means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.2.7 **AT&T** - As used herein, **AT&T** means Southwestern Bell Telephone Company. d/b/a AT&T Missouri, the applicable AT&T Inc. owned ILEC doing business in Missouri.
- 1.3 **AT&T** has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

2. DEFINITIONS

- 2.1 "LSC" means (i) the Local Service Center (LSC) for AT&T.
- 2.2 "WCMC" means (i) the Wholesale Customer Maintenance Center (WCMC) for AT&T Missouri.
- 2.3 "MCPSC" means the Mechanized Customer Production Support Center (MCPSC) for AT&T.
- 2.4 "Service Bureau Provider (SBP)" - For purposes of this Agreement, Service Bureau Provider (SBP) is a company which has been engaged by a CLEC to act on its behalf for purposes of accessing AT&T's OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

3. GENERAL CONDITIONS

- 3.1 Resale and Unbundled Network Elements (UNE) functions, provided under this Agreement will be accessible via electronic interface(s), as described herein, where such functions are available. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once CLEC is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, CLEC will no longer submit orders manually (and AT&T shall not be required to accept and process manual orders) except when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically.
- 3.2 When AT&T introduces electronic interfaces, in accordance with the Change Management Process referenced in Section 3.10 below, those interfaces will be deemed automatically added to this Attachment, upon request of CLEC unless AT&T believes there are essential terms and conditions unique to the new interface that are not included in this Attachment. In such case, AT&T shall use its good faith reasonable efforts to notify CLEC and propose such additional terms and conditions in sufficient time that the Parties, negotiating in good faith, may reach agreement on the amendment and have it become effective no later than the date the new interface is made available for use by CLECs.
- 3.3 When AT&T retires interfaces in accordance with the change management process referenced in Section 3.15 below, those interfaces will be deemed automatically deleted from this Attachment.
- 3.4 Proper Use of OSS interfaces:
 - 3.4.1 For AT&T, CLEC agrees to utilize AT&T electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services or UNEs through AT&T. In addition, CLEC agrees that such use will comply with AT&T's Data Connection Security Requirements as identified in Section 9 of this Appendix. Failure to comply with such security guidelines may result in forfeiture of electronic access to OSS functionality. In addition, CLEC shall be responsible for and indemnifies AT&T against any cost, expense or liability relating to any unauthorized entry or access into, or use or manipulation of AT&T's OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC and shall pay AT&T for any and all damages caused by such unauthorized entry.
- 3.5 Within AT&T regions, CLEC's access to pre-order functions described in 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's End User where CLEC has obtained an authorization for release of CPNI from the End User and has obtained an authorization to become the End User's Local Service Provider.
 - 3.5.1 In AT&T regions, CLEC must maintain records of individual customers' authorizations for change in local exchange service and release of CPNI which adhere to all requirements of state and federal law, as applicable.

- 3.5.2 Throughout AT&T region, CLEC is solely responsible for determining whether proper authorization has been obtained and holds AT&T harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an End User.
- 3.6 By utilizing electronic interfaces to access OSS functions, CLEC agrees to perform accurate and correct ordering including Resale and UNE services, rates, and charges, subject to the terms of this Agreement and applicable tariffs dependent on region of operation. CLEC is also responsible for all actions of its employees using any of AT&T's OSS systems. As such, CLEC agrees to accept and pay all reasonable costs or expenses, including labor costs, incurred by AT&T caused by any and all inaccurate ordering or usage of the OSS, if such costs are not already recovered through other charges assessed by AT&T to CLEC. In addition, CLEC agrees to indemnify and hold AT&T harmless against any claim made by an End User of CLEC or other third parties against AT&T caused by or related to CLEC's use of any AT&T OSS.
- 3.7 In the event AT&T has good cause to believe that CLEC has used AT&T OSS in a way that conflicts with this Agreement or Applicable Law, AT&T shall give CLEC written notice describing the alleged misuse ("Notice of Misuse"). CLEC shall immediately refrain from the alleged misuse until such time that CLEC responds in writing to AT&T's Notice of Misuse, which shall be provided to AT&T within twenty (20) days after receipt of the Notice of Misuse. In the event CLEC agrees with AT&T's allegation of misuse, CLEC shall refrain from the alleged misuse during the term of this Agreement.
- 3.8 Section 9 of the General Terms and Conditions shall apply to any disputes which arise under this Article, including disputes related to the alleged improper use of or access to CPNI or any alleged non-compliance with AT&T's security guidelines. Except as otherwise set forth in this Article, CLEC's liability for improper or unauthorized use of or access to AT&T's OSS shall be governed by Section 7.6 of the General Terms and Conditions of the Agreement.
- 3.9 In the event CLEC does not agree that CLEC's use of AT&T's OSS is inconsistent with this Agreement or Applicable Law as alleged by AT&T, then the Parties agree to the following steps:
- 3.9.1 If such alleged misuse involves improper access of pre-order applications to obtain CPNI in violation of this Agreement, Applicable Law, or involves a violation of the security guidelines contained herein, or negatively affects another OSS user's ability to use OSS, CLEC shall continue to refrain from using the particular OSS functionality in the manner alleged by AT&T to be improper, until CLEC has implemented a mutually agreeable remedy to the alleged misuse. AT&T may invoke the dispute resolution process in Section 9 (General Terms and Conditions) to devise such remedy.
- 3.9.2 To remedy the alleged misuse for the balance of the Agreement, Parties will work together as necessary to mutually determine a permanent resolution for the balance of the term of the Agreement.
- 3.10 Upon notice and good cause shown, AT&T shall have the right to conduct an audit of CLEC's use of the AT&T OSS. As used in this Section, the term "good cause" means that a reasonable person would consider that an audit of CLEC's use of the AT&T OSS is justified under the circumstances that exist at the time AT&T elects to conduct such an audit. Such audit shall be limited to auditing those aspects of CLEC's use of the AT&T OSS that relate to AT&T's allegation of misuse as set forth in the Notice of Misuse. AT&T shall give ten (10) days advance written notice of its intent to audit CLEC ("Audit Notice") under this Section, and shall identify the type of information needed for the audit. Such Audit Notice may not precede AT&T's Notice of Misuse. Within a reasonable time following the Audit Notice, but no less than fourteen (14) days after the date of the notice (unless otherwise agreed by the Parties), CLEC shall provide AT&T with access to the requested information in any reasonably requested format, at an appropriate CLEC location, unless otherwise agreed to by the Parties. The audit shall be at AT&T's expense. All information obtained through such an audit shall be deemed proprietary and/or confidential and subject to confidential treatment without necessity for marking such

- information confidential. AT&T agrees that it shall only use employees or outside parties to conduct the audit who do not have marketing, strategic analysis, competitive assessment or similar responsibilities within AT&T, or any AT&T affiliate.
- 3.11 When Resale Service and UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, AT&T and CLEC will use manual processes. Should AT&T develop electronic interfaces for these functions for itself, AT&T will make electronic access available to CLEC within the specific operating region.
- 3.12 The Information Services (I.S.) Call Center for the AT&T region provides for technical support function of electronic OSS interfaces. CLEC will also provide a single point of contact for technical issues related to the CLEC's electronic interfaces.
- 3.13 AT&T will provide CLEC with access to the interfaces during the hours of operation posted in the CLEC Handbook on the CLEC Website. Changes to hours of operation will be handled in accordance with the Change Management Process.
- 3.14 AT&T shall provide support for the interfaces described in this Attachment. CLEC will provide a single point of contact for issues related to the interfaces. Each Party shall also provide to the other Party telephone numbers for resolution of problems in connection with pre-ordering, ordering, provisioning and maintenance of the services. AT&T shall list the business days and hours for each call center in AT&T-13 STATE's CLEC Handbook and notice any changes via Accessible Letter. Minimum hours of operation for each center shall be:
- Located at the following web site:
https://clec.att.com/clec_documents/unrestr/clec/Customer_Service_Contact_List.doc#_Toc201983036
- The Parties shall ensure adequate coverage in its service centers during these minimum hours.
- 3.15 The Parties will follow the final adopted guidelines of "AT&T Competitive Local Exchange Carrier (CLEC) 13-State Interface - Change Management Process", developed in collaboration with CLECs. This plan may be modified from time to time in accordance with the Change Management principles.
- 3.16 AT&T will continue to maintain the editing capabilities of AT&T's LEX and Verigate interfaces that enable CLEC to copy existing service and address information from Verigate and paste it into the appropriate fields in LEX and/or to copy data from field to field within LEX or from Verigate to LEX.
- 3.17 AT&T and CLEC agree to work together in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry standards for electronic interfaces for pre-order, ordering and provisioning. Neither Party waives any of its rights as participants in such forums in the implementation of the standards. To achieve system functionality as quickly as possible, the Parties acknowledge that AT&T may deploy interfaces with requirements developed in advance of industry guidelines. Thus, subsequent modifications may be necessary to comply with emerging guidelines. CLEC and AT&T are individually responsible for evaluating the risk of developing their respective systems in advance of guidelines and agree to support their own system modifications to comply with new requirements. In addition, AT&T has the right to define Local Service Request (LSR) Usage requirements according to the General Section 1, paragraph 1.4 of the practices in the OBF Local Service Ordering Guidelines (LSOG), which states: "Options described in this practice may not be applicable to individual providers tariffs; therefore, use of either the field or valid entries within the field is based on the providers tariffs/practices."
- 3.18 Due to enhancements and on-going development of access to AT&T's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. AT&T shall provide proper notice of interface phase-out as required by the Change Management process.

3.19 CLEC is responsible for obtaining operating system software and hardware to access AT&T OSS functions. All hardware and software requirements are specified in: "CLEC Hardware/Software Requirements for Access of AT&T Uniform OSS Applications", or any other documents or interface requirements subsequently generated by AT&T for any of its regions.

4. PREORDER INTERFACES & FUNCTIONALITY

4.1 AT&T will provide real time access to pre-order functions to support CLEC ordering of Resale services and UNE. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. The following lists represent pre-order functions that are available to CLEC so that CLEC order requests may be created to comply with AT&T region-specific ordering requirements.

4.2 Pre-Ordering functions for Resale Services and UNEs include:

4.2.1 Feature/Service Availability:

4.2.2.1 Feature Inquiry provides AT&T with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

4.2.2.2 PIC/LPIC Inquiry provides AT&T Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.

4.2.3 Customer Service Information - CSI Inquiry

Access to AT&T retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, long distance carrier identity, and pending service order activity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after the End User requests that his or her Local Service Provider be changed to CLEC, and an End User authorization for release of CPNI complies with conditions as described in section 3.2 of this Appendix.

4.2.3 Telephone Number Inquiry

AT&T provides a Telephone Number Reservation Inquiry and a Cancel Reservation function.

4.2.4 Scheduling Inquiry/Availability

4.2.4.1 Due Date Inquiry provides next available dates for the End User (where available).

4.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.

4.2.5 Address Validation Inquiry

AT&T provides address validation function.

4.3 The following are Pre-Order functions specific to UNEs

4.3.1 Loop Pre-Qualification and Loop Qualification Inquiry

AT&T provides pre-order loop qualification information specific to UNE DSL capable or Line Shared loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.

4.3.2 Common Language Location Indicator (CLLI) Inquiry:

AT&T provides CLLI code inquiry function.

4.3.3 Connecting Facility Assignment (CFA) Inquiry:

AT&T provides a CFA inquiry function.

4.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry:

AT&T provides a NC/NCI inquiry function.

4.4 Electronic Access to Pre-Order Functions

4.4.1 Resale and UNE Pre-order Interface Availability

4.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in AT&T to provide the pre-ordering functions listed in section 4.2. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by AT&T. This pre-ordering gateway supports two structural protocols, EDI and CORBA, as recommended by the technical industry committees. EDI/CORBA is the 13-state uniform pre-order application-to-application interface that can be integrated with the CLEC's own negotiation system and that supports both Resale services and UNEs.

4.4.1.3 DataGate is a transaction-based data query system through which AT&T provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and UNE. DataGate follows industry guidelines, but is based on AT&T's proprietary pre-ordering functionality.

4.4.1.4 Intentionally Left Blank

4.4.1.5 Intentionally Left Blank

4.4.1.6 Intentionally Left Blank

4.5 Other Pre-order Function Availability

4.5.1 Where pre-ordering functions are not available electronically, CLEC will manually request this information from the LSC, dependent on operating region, for inclusion on the service order request.

4.5.2 Data Validation Files are available for the purpose of providing requesting CLECs with an alternate method of acquiring pre-ordering information that is considered relatively static. Upon request, AT&T will provide CLECs with any of the following Data Validation Files via Connect: Direct, CD-ROM, or downloadable via the pre-order GUI – Enhanced Verigate. Due to its size, the Street Address Guide (SAG) will be available only via Connect:Direct, and CD-ROM.

Data Validation Files:

SAG (Street Address Guide)

Feature/Service Availability by Switch

Directory Names

Class of Service Codes

USOC (Universal Service Order Codes)

Community Names

Yellow Page Headings

PIC/LPIC (InterLATA/IntraLATA)

5. ORDERING/PROVISIONING

5.1 AT&T provides access to ordering functions (as measured from the time AT&T receives accurate service requests from the interface) to support CLEC provisioning of Resale services and UNE via one or more electronic interfaces. To order Resale services and UNEs, CLEC will format the service request to identify what features, services, or elements it wishes AT&T to provision in accordance with applicable AT&T ordering requirements. AT&T will provide CLEC access to one or more of the following systems or interfaces:

5.2 Service Order Request System Availability

- 5.2.1 AT&T makes available to CLEC an Electronic Data Interchange (EDI) application to application interface for transmission of Local Service Requests (LSR) as defined by the OBF, consistent with AT&T Local Service Order Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale Services or UNEs, CLEC and AT&T will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon AT&T's Resale Service and UNE ordering requirements, dependent on operating region. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.
- 5.2.2 For AT&T, web-based LEX is the new 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale Services and UNEs. Web-based LEX is accessible via a web-based Toolbar.
- 5.2.3 Intentionally Left Blank
- 5.2.4 Intentionally Left Blank
- 5.2.5 Intentionally Left Blank
 - 5.2.5.1 Intentionally Left Blank
- 5.2.6 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, CLEC and AT&T will utilize industry ASR guidelines developed by OBF based upon AT&T ordering requirements.

5.3 Provisioning for Resale Services and UNE in AT&T

AT&T will provision Resale services and UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

- 5.3.1 For AT&T, Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status.
- 5.3.2 For EDI ordering, AT&T will provide, and CLEC shall use, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information.
- 5.3.3 Intentionally Left Blank

6. MAINTENANCE/REPAIR

- 6.1 Two electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and UNEs. Upon request, CLEC may access these functions via the following methods:
 - 6.1.1 In AT&T, Electronic Bonding for Trouble Administration Graphical User Interface (EBTA-GUI) is the 13 state uniform GUI interface that allows CLEC to perform MLT, issue trouble tickets, view status, and view trouble history on-line.
 - 6.1.2 In AT&T, Electronic Bonding Trouble Administration (EBTA) is the 13 state uniform application to application interface that is available for trouble report submission and status updates. EBTA conforms to ANSI guidelines T1:227:1995, T1.228:1995 and T1.262:1998, Electronic Communications Implementation Committee (ECIC) Trouble Report Format Definition (TFRD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all guidelines referenced within those documents, as mutually agreed upon by CLEC and AT&T. Functions currently implemented include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and

Cancel Trouble Report, as explained in 6 and 9 of ANSI T1.228:1995. CLEC and AT&T will exchange requests over a mutually agreeable X.25-based network.

7. BILLING

- 7.1 AT&T will bill CLEC for Resold services and UNEs. AT&T will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum AT&T will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as agreed to between CLEC and AT&T. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.
- 7.2 Electronic access to billing information for Resale services will also be available via the following interfaces:
- 7.2.1 In AT&T, CLEC may receive a mechanized bill format via the EDI 811 transaction set.
- 7.2.2 For Resale Services in AT&T, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, AT&T's Local Exchange Tariff.
- 7.2.3 For Resale Services in AT&T, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T Classic Toolbar.
- 7.2.4 In AT&T, CLEC may receive a mechanized bill format via the EDI 811 transaction set.
- 7.2.5 In AT&T, CLEC may receive electronically a Daily Usage Extract. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.
- 7.2.6 AT&T will provide Loss Notifications. This notification alerts CLECs that a change requested by another telecommunications provider has been completed and, as a result, the Local Service Provider associated with a given telephone number has been changed. It will be provided via the uniform ordering application to application interface using the EDI 836 transaction, and will also be available via the uniform ordering GUI interface, WebLEX.
- 7.3 Electronic access to billing information for UNE will also be available via the following interfaces:
- 7.3.1 AT&T makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill.
- 7.3.2 In AT&T, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T Classic Toolbar.
- 7.3.3 In AT&T, CLECs will receive a Daily Usage Extract electronically, on a daily basis, with information on the usage billed to its accounts for UNEs in the industry standardized Exchange Message Interface (EMI) format.
- 7.3.4 AT&T, CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, WebLEX. For UNEs this loss notification indicates when CLEC's End Users, utilizing AT&T ports, change their Competitive Local Exchange Carrier.

8. REMOTE ACCESS FACILITY

- 8.1 CLEC must access OSS interfaces via a CLEC Remote Access Facility. For AT&T SOUTHWEST REGION 5-STATE, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the AT&T-2STATE region. The ARAF, located in Chicago, IL, serves AT&T MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the AT&T CONNECTICUT region. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 8.2. CLEC may utilize a port to access AT&T-13STATE OSS interfaces to

perform the supported functions in any AT&T-13STATE where CLEC has executed an Appendix OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility.

- 8.2 For AT&T, CLEC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," CLEC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). The demarcation point shall be the router interface at the LRAF, PRAF, ARAF, or SRAF. Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection to the AT&T LRAF, AT&T-2STATE PRAF, AT&T MIDWEST REGION 5-STATE ARAF, and AT&T CONNECTICUT SRAF. CLEC shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require CLEC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to AT&T OSS via the public internet.
- 8.3 For AT&T, CLEC shall use TCP/IP to access AT&T OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address per region. CLEC shall maintain a user-id / password unique to each individual for accessing a AT&T, AT&T-2STATE, AT&T MIDWEST REGION 5-STATE, or AT&T CONNECTICUT OSS on CLEC's behalf. CLEC shall provide estimates regarding its volume of transactions, number of concurrent users, desired number of private line or dial-up (switched) connections, and length of a typical session.
- 8.4 For AT&T, CLEC shall attend and participate in implementation meetings to discuss CLEC LRAF/PRAF/ARAF/SRAF access plans in detail and schedule testing of such connections.

9. DATA CONNECTION SECURITY REQUIREMENTS

- 9.1 CLEC agrees that interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T-13STATE's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document current at the time of initial connection to a RAF. The following additional terms in this Section 9 govern direct and dial up connections between CLEC and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.
- 9.2 Joint Security Requirements
 - 9.2.1 Both Parties will maintain accurate and auditable records that monitor user authentication and machine integrity and confidentiality (e.g., password assignment and aging, chronological logs configured, system accounting data, etc.).
 - 9.2.2 Both Parties shall maintain accurate and complete records detailing the individual data connections and systems to which they have granted the other Party access or interface privileges. These records will include, but are not limited to, user ID assignment, user request records, system configuration, time limits of user access or system interfaces. These records should be kept until the termination of this Agreement or the termination of the requested access by the identified individual. Either Party may initiate a compliance review of the connection records to verify that only the agreed to connections are in place and that the connection records are accurate.
 - 9.2.3 CLEC shall immediately notify the ISCC when a employee userid is no longer valid (e.g. employee termination or movement to another department).
 - 9.2.4 Both Parties shall use an industry standard virus detection software program at all times. The Parties shall immediately advise each other by telephone upon actual knowledge that a virus or other malicious code has been transmitted to the other Party.
 - 9.2.5 All physical access to equipment and services required to transmit data will be in secured locations. Verification of authorization will be required for access to all such secured locations. A secured location is where walls and doors are constructed and arranged to serve as barriers

and to provide uniform protection for all equipment used in the data connections which are made as a result of the user's access to either the CLEC or AT&T network. At a minimum, this shall include: access doors equipped with card reader control or an equivalent authentication procedure and/or device, and egress doors which generate a real-time alarm when opened and which are equipped with tamper resistant and panic hardware as required to meet building and safety standards.

- 9.2.6 Both Parties shall maintain accurate and complete records on the card access system or lock and key administration to the rooms housing the equipment utilized to make the connection(s) to the other Party's network. These records will include management of card or key issue, activation or distribution and deactivation.
- 9.3 Additional Responsibilities of Both Parties
- 9.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of CLEC equipment on AT&T's premises, such maintenance will be provided under the terms of the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures document cited above.
- 9.3.2 Monitoring: Each Party will monitor its own network relating to any user's access to the Party's networks, processing systems, and applications. This information may be collected, retained, and analyzed to identify potential security risks without notice. This information may include, but is not limited to, trace files, statistics, network addresses, and the actual data or screens accessed or transferred.
- 9.3.3 Each Party shall notify the other Party's security organization immediately upon initial discovery of actual or suspected unauthorized access to, misuse of, or other "at risk" conditions regarding the identified data facilities or information. Each Party shall provide a specified point of contact. If either Party suspects unauthorized or inappropriate access, the Parties shall work together to isolate and resolve the problem.
- 9.3.4 In the event that one Party identifies inconsistencies or lapses in the other Party's adherence to the security provisions described herein, or a discrepancy is found, documented, and delivered to the non-complying Party, a corrective action plan to address the identified vulnerabilities must be provided by the non-complying Party within thirty (30) calendar days of the date of the identified inconsistency. The corrective action plan must identify what will be done, the Party accountable/responsible, and the proposed compliance date. The non-complying Party must provide periodic status reports (minimally monthly) to the other Party's security organization on the implementation of the corrective action plan in order to track the work to completion.
- 9.3.5 In the event there are technological constraints or situations where either Party's corporate security requirements cannot be met, the Parties will institute mutually agreed upon alternative security controls and safeguards to mitigate risks.
- 9.3.6 All network-related problems will be managed to resolution by the respective organizations, CLEC or AT&T, as appropriate to the ownership of a failed component. As necessary, CLEC and AT&T will work together to resolve problems where the responsibility of either Party is not easily identified.
- 9.4 Information Security Policies And Guidelines For Access To Computers, Networks and Information By Non-Employee Personnel
- 9.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computer, networks and information resources. Section 9.5 - 9.11 summarizes the general policies and principles for individuals who are not employees of the Party that provides the computer, network or information, but have authorized access to that Party's

systems, networks or information. Questions should be referred to CLEC or AT&T, respectively, as the providers of the computer, network or information in question.

- 9.4.2 It is each Party's responsibility to notify its employees, contractors and vendors who will have access to the other Party's network, on the proper security responsibilities identified within this Attachment. Adherence to these policies is a requirement for continued access to the other Party's systems, networks or information. Exceptions to the policies must be requested in writing and approved by the other Party's information security organization.
- 9.5 General Policies
 - 9.5.1 Each Party's resources are for approved business purposes only.
 - 9.5.2 Each Party may exercise at any time its right to inspect, record, and/or remove all information contained in its systems, and take appropriate action should unauthorized or improper usage be discovered.
 - 9.5.3 Individuals will only be given access to resources that they are authorized to receive and which they need to perform their job duties. Users must not attempt to access resources for which they are not authorized.
 - 9.5.4 Authorized users must not develop, copy or use any program or code which circumvents or bypasses system security or privilege mechanism or distorts accountability or audit mechanisms.
 - 9.5.5 Actual or suspected unauthorized access events must be reported immediately to each Party's security organization or to an alternate contact identified by that Party. Each Party shall provide its respective security contact information to the other.
- 9.6 User Identification
 - 9.6.1 Access to each Party's corporate resources will be based on identifying and authenticating individual users in order to maintain clear and personal accountability for each user's actions.
 - 9.6.2 User identification shall be accomplished by the assignment of a unique, permanent user id, and each user id shall have an associated identification number for security purposes.
 - 9.6.3 User ids will be revalidated on a monthly basis.
- 9.7 User Authentication
 - 9.7.1 Users will usually be authenticated by use of a password. Strong authentication methods (e.g. one-time passwords, digital signatures, etc.) may be required in the future.
 - 9.7.2 Passwords must not be stored in script files.
 - 9.7.3 Passwords must be entered by the user.
 - 9.7.4 Passwords must be at least 6-8 characters in length, not blank or a repeat of the user id; contain at least one letter, and at least one number or special character must be in a position other than the first or last one. This format will ensure that the password is hard to guess. Most systems are capable of being configured to automatically enforce these requirements. Where a system does not mechanically require this format, the users must manually follow the format.
 - 9.7.5 Systems will require users to change their passwords regularly (usually every 31 days).
 - 9.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.
 - 9.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

9.8 Access and Session Control

9.8.1 Destination restrictions will be enforced at remote access facilities used for access to OSS Interfaces. These connections must be approved by each Party's corporate security organization.

9.8.2 Terminals or other input devices must not be left unattended while they may be used for system access. Upon completion of each work session, terminals or workstations must be properly logged off.

9.9 User Authorization

9.9.1 On the destination system, users are granted access to specific resources (e.g. databases, files, transactions, etc.). These permissions will usually be defined for an individual user (or user group) when a user id is approved for access to the system.

9.10 Software and Data Integrity

9.10.1 Each Party shall use a comparable degree of care to protect the other Party's software and data from unauthorized access, additions, changes and deletions as it uses to protect its own similar software and data. This may be accomplished by physical security at the work location and by access control software on the workstation.

9.10.2 Untrusted software or data shall be scanned for viruses before use on a Party's corporate facilities that can be accessed through the direct connection or dial up access to OSS interfaces.

9.10.3 Unauthorized use of copyrighted software is prohibited on each Party's corporate systems that can be accessed through the direct connection or dial up access to OSS Interfaces.

9.10.4 Proprietary software or information (whether electronic or paper) of a Party shall not be given by the other Party to unauthorized individuals. When it is no longer needed, each Party's proprietary software or information shall be returned by the other Party or disposed of securely. Paper copies shall be shredded. Electronic copies shall be overwritten or degaussed.

9.11 Monitoring and Audit

9.11.1 To deter unauthorized access events, a warning or no trespassing message will be displayed at the point of initial entry (i.e., network entry or applications with direct entry points). Each Party should have several approved versions of this message. Users should expect to see a warning message similar to this one:

"This is a (AT&T or CLEC) system restricted to Company official business and subject to being monitored at any time. Anyone using this system expressly consents to such monitoring and to any evidence of unauthorized access, use, or modification being used for criminal prosecution."

9.11.2 After successful authentication, each session will display the last logon date/time and the number of unsuccessful logon attempts. The user is responsible for reporting discrepancies.

10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

10.1 Prior to live access to OSS interface functionality, the Parties must conduct Operational Readiness Testing (ORT). AT&T will participate with CLEC in Operational Readiness Testing (ORT) which will allow for the testing of the systems, interfaces, and processes for the pre-ordering, ordering and provisioning of unbundled Network Elements or Combinations. ORT will be completed in accordance with a schedule mutually agreed to by the Parties. Such ORT will begin not later than three (3) months after the Effective Date of the Agreement.

11. OSS TRAINING COURSES

- 11.1 Prior to live system usage, CLEC must complete user education classes for AT&T-provided interfaces that affect the AT&T-13STATE network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. Charges as specified below will apply for each class: CLEC can obtain a copy of the proposed contract and price list for these OSS classes from their CLEC account manager.
- 11.2 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by AT&T Missouri and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.
- 11.3 Class dates will be based upon AT&T availability and will be coordinated among CLEC, the CLEC's AT&T Account Manager, and AT&T Industry Markets CLEC Training Product Management.
- 11.4 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date. CLEC agrees to provide to AT&T completed registration forms for each student no later than one week prior to the scheduled training class.
- 11.5 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other AT&T systems are strictly prohibited.
- 11.6 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of AT&T's OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 20 of the General Terms and Conditions.

12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

- 12.1 To the extent AT&T-13STATE seeks to recover costs associated with OSS System Access and Connectivity, AT&T-13STATE shall not be foreclosed from seeking recovery of such costs via negotiation, arbitration, or generic proceeding during the term of this agreement.

13. MISCELLANEOUS CHARGES

- 13.1 For AT&T region only, CLEC requesting the Bill Plus™, as described in 7.2.2, agrees to pay applicable tariffed rate, less Resale discount.
- 13.2 For AT&T, CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.7 and 7.3.3, agrees to pay established rates pursuant to the Pricing Schedule.
- 13.3 For AT&T, CLEC requesting the Local Disconnect Report, as described in 7.2.8 and 7.3.4, agrees to pay established rates pursuant to the Pricing Schedule.
- 13.4 For AT&T, should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by AT&T on an Individual Case Basis (ICB) and priced as such.

14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

- 14.1 AT&T shall allow CLEC to access its OSS via a Service Bureau Provider under the following terms and conditions:
- 14.2 Notwithstanding any language in this Agreement regarding access to OSS to the contrary, CLEC shall be permitted to access AT&T OSS via a Service Bureau Provider as follows:
- 14.2.1 CLEC shall be permitted to access AT&T application-to-application OSS interfaces, via a Service Bureau Provider where CLEC has entered into an agency relationship with such Service Bureau Provider, and the Service Bureau Provider has executed an Agreement with AT&T to allow Service Bureau Provider to establish access to and use of AT&T's OSS.
- 14.2.2 CLEC's use of a Service Bureau Provider shall not relieve CLEC of the obligation to abide by all terms and conditions of this Agreement. CLEC must ensure that its agent properly performs all OSS obligations of CLEC under this Agreement, which CLEC delegates to Service Bureau Provider.
- 14.2.3 It shall be the obligation of CLEC to provide notice in accordance with the notice provisions of the Terms and Conditions of this Agreement whenever it established an agency relationship with a Service Bureau Provider or terminates such a relationship. AT&T shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, AT&T shall have a reasonable transition period to terminate any such connection after notice from CLEC that it has terminated its agency relationship with a Service Bureau Provider.
- 14.3 Notwithstanding any language in this Agreement regarding Performance Measures to the contrary, AT&T shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond AT&T's control associated with third-party systems or equipment including systems, equipment and services provided by a Service Bureau Provider (acting as CLEC's agent for connection to AT&T's OSS) which could not be avoided by AT&T through the exercise of reasonable diligence or delays or other problems resulting from actions of a Service Bureau Provider, including Service Bureau provided processes, services, systems or connectivity.

15. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

- 15.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

ATTACHMENT 28: OUT OF EXCHANGE TRAFFIC

1. DEFINITIONS

- 1.1 This Attachment sets for the terms and conditions necessary for the exchange of Out of Exchange Traffic (as defined in Section 1.4).
- 1.2 AT&T - As used herein, AT&T means Southwestern Bell Telephone Company d/b/a AT&T MISSOURI, the applicable AT&T Inc. ILEC doing business in MISSOURI.
- 1.3 For purposes of this Attachment only, "Out of Exchange LEC" (OE-LEC) means <<CLECLegalName>> operating within AT&T's incumbent local exchange area and also providing telecommunications services in another ILEC's incumbent local exchange area that shares mandatory or optional calling with AT&T.
- 1.4 For purposes of this Attachment only, "Out of Exchange Traffic" is defined as Section 251(b)(5) Traffic, ISP-Bound Traffic, FX, intraLATA traffic and/or InterLATA Section 251(b)(5) Traffic exchanged pursuant to an FCC approved or court ordered InterLATA boundary waiver that:
 - (i) Originates from an OE-LEC end user located in another ILEC's incumbent local exchange area and terminates to an AT&T end user located in an AT&T- local exchange area or;
 - (ii) Originates from an AT&T end user located in an AT&T local exchange area and terminates to an OE-LEC end user located in another ILEC's incumbent local exchange area.

2. INTRODUCTION

- 2.1 For purposes of this Attachment, OE-LEC intends to operate and/or provide telecommunications services outside of AT&T incumbent local exchange areas and desires to interconnect OE-LEC's network with AT&T's network(s).
- 2.2 For purposes of this Attachment, OE-LEC agrees to interconnect with AT&T pursuant to Section 251(a) of the Act.
- 2.3 Other attachments in this Agreement set forth the terms and conditions pursuant to which AT&T agrees to provide CLEC with access to lawful unbundled network elements (Lawful UNEs) under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in AT&T 's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T is only obligated to make available Lawful UNEs and access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T 's incumbent local exchange areas. AT&T has no obligation to provide such Lawful UNEs, Collocation, Interconnection and/or Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T's incumbent local exchange areas. In addition, AT&T is not obligated to provision Lawful UNEs or to provide access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T 's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall apply only to the Parties and be available to CLEC for provisioning telecommunication services within an AT&T incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with AT&T has been approved by the relevant state Commission and is in effect.

3. NETWORK MANAGEMENT

- 3.1 Each Party to this Attachment will be responsible for the accuracy and quality of its data as submitted to the respective Parties involved. Where SS7 connections exist, each Party will include the Calling Party Number (CPN) that truly and accurately reflect the location of the end user that originated and/or dialed the call in the information transmitted to the other for each call being terminated on the other's network. If one Party is passing CPN but the other Party is not properly receiving CPN, the Parties will work cooperatively to correct the problem. Where SS7 connections exist and the percentage of calls passed with CPN is greater than ninety percent (90%), all calls without CPN exchanged between the Parties will be billed as either Section 251(b)(5) Traffic, ISP-Bound Traffic, FX Traffic, Optional EAS Traffic, or intraLATA Toll Traffic in direct proportion to the minutes of use (MOU) of calls exchanged with CPN. If the percentage of calls passed with CPN is less than ninety percent (90%), all calls passed without CPN will be billed as intraLATA switched access.
- 3.2 The Parties will work cooperatively to implement this Attachment. The Parties will exchange appropriate information (for example, maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, escalation processes, etc.) to achieve this desired result.
- 3.3 Each Party will administer its network to ensure acceptable service levels to all users of its network services. Service levels are generally considered acceptable only when End Users are able to establish connections with little or no delay encountered in the network. Each Party will provide a 24-hour contact number for network traffic management issues to the other's surveillance management center.
- 3.4 Each Party maintains the right to implement protective network traffic management controls, such as "cancel to", "call gapping" or 7-digit and 10-digit code gaps, to selectively cancel the completion of traffic over its network, including traffic destined for the other Party's network, when required to protect the public-switched network from congestion as a result of occurrences such as facility failures, switch congestion or failure or focused overload. Each Party shall immediately notify the other Party of any protective control action planned or executed.
- 3.5 Where the capability exists, either Party may implement originating or terminating traffic reroutes to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes shall not be used to circumvent normal trunk servicing. Such alternative routing shall be used only when mutually agreed to by the Parties.
- 3.6 The Parties shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes to prevent or mitigate the impact of these events on the public-switched network, including any disruption or loss of service to the other Party's End Users. Facsimile (FAX) numbers must be exchanged by the Parties to facilitate event notifications for planned mass calling events.
- 3.7 The Parties agree that, unless otherwise mutually negotiated, the quality of such network connections shall be equal to that of the existing facilities that are jointly provided by each Party.
- 3.8 Joint planning and forecasting responsibilities shall be governed by the underlying agreement.

4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC

- 4.1 OE-LEC represents that it operates as a CLEC within AT&T exchange areas and has a Point of Interconnection ("POI") located within AT&T exchange areas for the purpose of providing telephone exchange service and exchange access in such AT&T exchange areas. Based upon the foregoing, the Parties agree that AT&T's originating traffic will be delivered to OE-LEC's existing POI arrangements in the LATA where the traffic originates in accordance with the POI requirements set forth in this Agreement. AT&T will accept OE-LEC's Out of Exchange Traffic at its tandem switch over local interconnection facilities that currently exist or may exist in the future between the Parties to or from OE-LEC's out of exchange areas to or from AT&T's end offices. When such Out of Exchange Traffic is

Section 251(b)(5) Traffic and ISP-Bound Traffic that is exchanged between the end users of OE-LEC and AT&T, the Parties agree to establish a direct final end office trunk group when traffic levels exceed one DS1 (24 DS0s) to or from an AT&T End Office.

- 4.2 The Parties agree, that at a minimum, OE-LEC shall establish a trunk group for Out of Exchange Traffic from OE-LEC to each AT&T serving tandem in a LATA. This requirement may be waived upon mutual agreement of the parties.
- 4.3 Transport facilities for 911, mass calling, OS/DA and Meet Point trunking are the responsibility of OE-LEC from OE-LEC to the serving tandem or platform that provides each such service type.
- 4.4 OE-LEC shall route originating Out of Exchange Traffic to the serving tandem as defined by the tandem owner in the LERG.
- 4.5 If AT&T is not the serving tandem as reflected in the LERG, the OE-LEC shall route Out of Exchange Traffic directly to the serving AT&T End Office.
- 4.6 Except as otherwise provided in this Attachment, for OE-LEC originated/AT&T terminated traffic or AT&T originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Attachment, the Parties will work cooperatively to correct the problem.
- 4.7 AT&T shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T (as reflected in the LERG). Any compensation due AT&T for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T serving tandems are reflected by AT&T in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T tandem. AT&T shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.
- 4.8 Neither Party shall deliver traffic destined to terminate at the other Party's End Office via a Third Party ILEC's End Office or Tandem.
- 4.9 Connection of a trunk group from OE-LEC to AT&T's tandem(s) will provide OE-LEC accessibility to End Offices, IXCs, LECs, WSPs and NXXs which subtend that tandem(s). Connection of a trunk group from one Party to the other Party's End Office(s) will provide the connecting Party accessibility only to the NXXs served by that individual End Office(s) to which the connecting Party interconnects. Direct End Office Trunk groups that connect the Parties End Office(s) shall provide the Parties accessibility only to the NXXs that are served by that End Office(s).
- 4.10 AT&T will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T exchange areas, in AT&T Tandems and End Offices using AT&T's standard code opening timeframes.

5. INTERCARRIER COMPENSATION

- 5.1 The compensation arrangement for Section 251(b)(5) Traffic, ISP-Bound Traffic and FX traffic exchanged between the Parties shall be as set forth in the Attachment Intercarrier Compensation.

6. INTENTIONALLY LEFT BLANK

7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC

- 7.1 The compensation arrangement for Intrastate IntraLATA Traffic exchanged between the Parties shall be as set forth in the Attachment Intercarrier Compensation.

8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION

- 8.1 Intercarrier compensation for Switched Access Traffic shall be on a MPB basis as described in the Attachment Intercarrier Compensation.

9. INTERLATA SECTION 251(B)(5) TRAFFIC

- 9.1 AT&T will exchange AT&T InterLATA Section 251(b)(5) Traffic that is covered by an FCC approved or court ordered InterLATA boundary waiver. AT&T will exchange such traffic using two-way direct final trunk groups (i) via a facility to OE-LEC's POI in the originating LATA, or (ii) via a facility meet point arrangement at or near the exchange area boundary ("EAB"), or (iii) via a mutually agreed to meet point facility within the AT&T exchange area covered under such InterLATA waiver. If the exchange where the traffic is terminating is not an AT&T exchange, AT&T shall exchange such traffic using a two-way DF trunk group (i) via a facility to OE-LEC's POI within the originating LATA or (ii) via a mutually agreed to facility meet point arrangement at or near the EAB. AT&T will not provision or be responsible for facilities located outside of AT&T exchange areas
- 9.2 The Parties agree that the associated traffic from each AT&T End Office will not alternate route.
- 9.3 OE-LEC must provide AT&T a separate ACTL and Local Routing Number (LRN) specific to each InterLATA local calling arrangement covered by an FCC approved or court ordered InterLATA boundary waiver.
- 9.4 Except as otherwise provided in this Attachment, for OE-LEC originated/AT&T terminated traffic or AT&T originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Attachment, the Parties will work cooperatively to correct the problem.
- 9.5 AT&T shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T (as reflected in the LERG). Any compensation due AT&T for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T serving tandems are reflected by AT&T in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T tandem. AT&T shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.
- 9.6 AT&T will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T exchange areas, in AT&T Tandems and End Office(s) using AT&T's standard code opening timeframes.
- 9.7 The compensation arrangement for InterLATA Section 251(b)(5) Traffic shall be governed by the compensation terms and conditions for Section 251(b)(5) Traffic in the Attachment Intercarrier Compensation.

ATTACHMENT 29: COORDINATED HOT CUT (CHC)

1. INTRODUCTION

This Attachment sets forth terms and conditions for Coordinated Hot Cut (CHC) provided by the applicable AT&T Communications Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

- 1.1 AT&T means Southwestern Bell Telephone, Company d/b/a AT&T Missouri.
- 1.2 "Conversion of Service" is defined as the matching of the disconnect of one telecommunications product or service with the installation of another telecommunications product or service.
- 1.3 "Designated Installation" is defined as an installation of service occurring at a specific time of day as specified by CLEC.

2. CHC SERVICE DESCRIPTION

- 2.1 Coordinated Hot Cut (CHC) Service is an optional manual service offering that permits CLEC to request a designated installation and/or conversion of service during, or after, normal business hours..
- 2.2 CLEC will initiate the beginning of a CHC by contacting the appropriate coordination center. This special request enables CLEC to schedule and coordinate particular provisioning requirements with AT&T.
- 2.3 AT&T may limit the number of service orders that can be coordinated based on workload and resources available. AT&T shall approve CHC requests on a non-discriminatory basis, by requesting carrier and on a first come, first served basis.
- 2.4 AT&T reserves the right to suspend the availability of CHC Service during unanticipated heavy workload/activity periods. Heavy workload includes any unanticipated volume of work that impacts AT&T's ability to provide its baseline service. Where time permits, AT&T will make every effort to notify CLEC when such unanticipated activities occur.

3. CHC PRICING

- 3.1 CHC is a time sensitive labor operation. Total charges are determined by a number of factors including the volume of lines, day of the week, and the time of day requested for the cut over.
- 3.2 When CLEC orders CHC service, AT&T shall charge and CLEC agrees to pay for CHC service at the "additional labor" or "Time and Material" rates set forth in the Pricing Schedule:
- 3.3 In the event AT&T fails to meet a CHC Service commitment for reasons within the control of AT&T, AT&T will not charge CLEC a CHC Service charge. However, in the event AT&T misses a CHC Service commitment due to CLEC, its agent or end user reasons, the Coordinated Hot Cut (CHC) Service charge will still apply. For example, if CLEC requests any change to an order with CHC Service including, but not limited to, AT&T's inability to gain access to CLEC's end user's premises, or CLEC/end user is not ready to proceed with the order, the CHC charge will apply and AT&T is no longer obligated to ensure a CHC is on that order.

**AMENDMENT TO
INTERCONNECTION AGREEMENT
BY AND BETWEEN
SOUTHWESTERN BELL TELEPHONE COMPANY d/b/a AT&T MISSOURI
AND
NAVIGATOR TELECOMMUNICATIONS, LLC**

The Interconnection Agreement ("the Agreement") by and between Southwestern Bell Telephone Company d/b/a AT&T Missouri ("AT&T") and Navigator Telecommunications, LLC. ("CLEC") is hereby amended as follows:

(1) Add Appendix Transit Traffic Service Attachment and Transit Traffic Service rates in the Pricing Schedules - - Missouri which are attached hereto and incorporated herein by this reference.

(2) This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

(3) EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

(4) In entering into this Amendment and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s), including, without limitation, its intervening law rights (including intervening law rights asserted by either Party via written notice predating this Amendment) relating to the following actions, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA v. FCC*, 290 F.3d 415 (D.C. Cir. 2002) and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004); the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98, and 98-147 (FCC 03-36) including, without limitation, the FCC's MDU Reconsideration Order (FCC 04-191) (rel. Aug. 9, 2004) and the FCC's Order on Reconsideration (FCC 04-248) (rel. Oct. 18, 2004), and the FCC's Biennial Review Proceeding; the FCC's Order on Remand (FCC 04-290), WC Docket No. 04-313 and CC Docket No. 01-338 (rel. Feb. 4, 2005) ("TRO Remand Order"); the FCC's Report and Order and Notice of Proposed Rulemaking (FCC 05-150), CC Docket Nos. 02-33, 01-337, 95-20, 98-10 and WC Docket Nos. 04-242 and 05-271 (rel. Sept. 23, 2005) ("Title I Order"); the FCC's Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001) ("ISP Compensation Order"), which was remanded in *WorldCom, Inc. v. FCC*, 288 F.3d 429 (D.C. Cir. 2002), and as to the FCC's Notice of Proposed Rulemaking as to Intercarrier Compensation, CC Docket 01-92 (Order No. 01-132) (rel. April 27, 2001) (collectively "Government Actions"). Notwithstanding anything to the contrary in this Agreement (including this and any other amendments to the Agreement), AT&T shall have no obligation to provide UNEs, combinations of UNEs, combinations of UNE(s) and CLEC's own elements or UNEs in commingled arrangements beyond those required by the Act, including the lawful and effective FCC rules and associated FCC and judicial orders. Further, neither Party will argue or take the position before any state or federal regulatory commission or court that any provisions set forth in this Agreement and this Amendment constitute an agreement or waiver relating to the appropriate routing, treatment and compensation for Voice Over Internet Protocol traffic and/or traffic utilizing in whole or part Internet Protocol technology; rather, each Party expressly reserves any rights, remedies, and arguments they may have as to such issues including but not limited, to any rights each may have as a result of the FCC's Order *In the Matter of Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services are Exempt from Access Charges*, WC Docket No. 02-361 (rel. April 21, 2004). Notwithstanding anything to the contrary in the Agreement and this Amendment and except to the extent that AT&T has adopted the FCC ISP terminating compensation plan ("FCC Plan") in Missouri, and the Parties have incorporated rates, terms and conditions associated with the FCC Plan into this Agreement, these rights also include but are not limited to AT&T's right to exercise its option at any time to adopt on a date specified by AT&T the FCC Plan, after which date ISP-bound traffic will be subject to the FCC Plan's prescribed terminating compensation rates, and other terms and conditions, and seek conforming modifications to this Agreement. If any action by any state or federal regulatory or legislative body or court of competent jurisdiction invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationale for any rate(s),

term(s) and/or condition(s) ("Provisions") of the Agreement and this Amendment and/or otherwise affects the rights or obligations of either Party that are addressed by the Agreement and this Amendment, specifically including but not limited to those arising with respect to the Government Actions, the affected Provision(s) shall be immediately invalidated, modified or stayed consistent with the action of the regulatory or legislative body or court of competent jurisdiction upon the written request of either Party ("Written Notice"). With respect to any Written Notices hereunder, the Parties shall have sixty (60) days from the Written Notice to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the interpretation of the actions required or the provisions affected by such order shall be resolved pursuant to the dispute resolution process provided for in this Agreement.

(5) This Amendment shall be filed with and is subject to approval by the Missouri Public Service Commission and shall become effective ten (10) days following approval by such Commission.

TRANSIT TRAFFIC SERVICE ATTACHMENT

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TRANSIT TRAFFIC SERVICE ATTACHMENT

1. INTRODUCTION

- 1.1 This Transit Traffic Service Attachment ("Attachment") sets forth the rates, terms and conditions of AT&T's Transit Traffic Service as a Transit Service Provider in the State of Missouri. AT&T's Transit Traffic Service is provided to other Telecommunications Carriers for Telecommunications traffic that does not originate with (or terminate to) the Transit Service Provider's end user. Transit Traffic Service allows Navigator Telecommunications, LLC ("CARRIER") to exchange traffic with a Third Party Terminating Carrier to which it is not directly interconnected.
- 1.2 This Attachment incorporates the provisions of a transiting arrangement as it relates to AT&T's provision of Transit Traffic Service as a Transit Service Provider to interconnected Competitive Local Exchange Carriers (CLECs) or to interconnected Out of Exchange Local Exchange Carriers (OE LECS) (*i.e.*, carriers that interconnect with AT&T's network but operate and/or provide Telecommunications Services outside of AT&T's incumbent local exchange area).

2. DEFINITIONS

- 2.1 "**800 IntraLATA Toll Traffic**" is defined as traffic that originates from CARRIER's end user that utilizes a dialing sequence that invokes toll-free, 800-like, service processing, that terminates to an end user served by a Third Party Terminating Carrier, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the IntraLATA toll provider (not sent through an IXC or an intermediary). "800 IntraLATA Toll Traffic" includes but is not limited to calls placed to 800, 877, 888, ("8YY") NPA Service Access Codes (SAC).
- 2.2 "**Central Office Switch**" means a switch, including, but not limited to an End Office Switch and a Tandem Switch.
- 2.3 "**Calling Party Number**" or "**CPN**" is as defined in 47 C.F.R. § 64.1600(c) ("CPN").
- 2.4 Intentionally Left Blank.
- 2.5 "**End Office**" or "**End Office Switch**" is an AT&T switch that directly terminates traffic to and receives traffic from end users of local Exchange Services.
- 2.6 "**Exchange Service**" means Telephone Exchange Service as defined in the Act.
- 2.7 "**ISP-Bound Traffic**" is defined as traffic exchanged between CARRIER's end user and an Internet Service Provider (ISP) served by a Third Party Terminating Carrier that:
 - (i) originates from CARRIER's end users and terminates to an ISP served by a Third Party Terminating Carrier in the same AT&T exchange area; or
 - (ii) originates from CARRIER's end-users and terminates to an ISP served by a Third Party Terminating Carrier within different AT&T Exchanges or within an AT&T exchange and an independent ILEC exchange, that share a common mandatory local calling area, as defined in AT&T's tariff, (*e.g.*, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes).
- 2.8 "**IntraLATA Toll Traffic**" is defined as traffic exchanged between CARRIER's end users and the end users of a Third Party Terminating Carrier which subtends an AT&T Tandem, whereby the Transit Traffic originates in one mandatory local calling area and terminates in a different mandatory local calling area but where both mandatory local calling areas are within the same LATA. Such IntraLATA Toll Traffic must terminate to a Third Party Terminating Carrier's end user, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the IntraLATA toll provider (not sent through an IXC or an intermediary). For purposes of this Attachment, traffic between CARRIER's end users that subscribe to one-way or two-way Optional Extended Area Service (Optional EAS) and the end user of a Third Party

Terminating Carrier that is within the AT&T local or mandatory exchanges that are covered by an Optional EAS Plan will be treated as IntraLATA Toll Traffic.

- 2.9 “**Local Tandem**” refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular local calling area.
- 2.10 “**Local/Access Tandem Switch**” is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic and IXC-carried traffic.
- 2.11 “**Local/IntraLATA Tandem Switch**” is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic.
- 2.12 “**Local Only Tandem Switch**” is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.
- 2.13 “**Loss**” or “**Losses**” means any and all losses, costs (including court costs), claims, damages (including fines, penalties, or civil judgments and settlements), injuries, liabilities and expenses (including attorneys’ fees).
- 2.14 “**Section 251(b)(5)/IntraLATA Traffic**” shall mean for purposes of this Agreement, (i) Section 251(b)(5) Toll Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CARRIER where [CARRIER is both the Section 251(b)(5) Traffic and intraLATA toll provider, and/or (iv) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from AT&T where AT&T is both the Section 251(b)(5) Traffic and intraLATA toll provider.

For Section 251(b)(5) Traffic exchanged between CARRIER’s end users and the end users of a CMRS provider that terminates the call, such traffic shall originate and terminate within the same Major Trading Area (MTA) as defined in 47 CFR§ 24.202(a).

- 2.15 “**Tandem**” or “**Tandem Switch**” is an AT&T switch used to connect Trunks between and among other Central Office Switches.
- 2.16 “**Third Party Originating Carrier**” means a Telecommunications Carrier (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OELEC)) that originates Transit Traffic that transits AT&T’s network and is delivered to CARRIER.
- 2.17 “**Third Party Terminating Carrier**” means a Telecommunications Carrier to which traffic is terminated when CARRIER uses AT&T’s Transit Traffic Service (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OELEC)).
- 2.18 “**Transit Service Provider**” means AT&T when providing its Transit Traffic Service.
- 2.19 “**Transit Traffic**” means all Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic delivered via the Transit Traffic Service.
- 2.20 “**Transit Traffic Service**” is an optional non 251/252 switching and intermediate transport service provided by AT&T to CARRIER where CARRIER is directly interconnected with an AT&T Tandem. AT&T neither originates nor terminates Transit Traffic on its network, but acts only as an intermediary. For the purposes of this Attachment, Transit Traffic Service is a service that is limited to Section 251(b)(5) Traffic, CMRS provider-bound traffic, ISP-Bound Traffic, IntraLATA InterMTA Traffic, and 800 IntraLATA Toll Traffic destined to the end users of a Third Party Terminating Carrier and is routed utilizing an AT&T Tandem Switch where an AT&T end user is neither the originating nor the terminating party.

- 2.21 "Trunk" or "Trunk Group" means the switch port interface(s) and the communication path created to connect CARRIER network with AT&T's network for the purpose of interconnection pursuant to the Act.

3. RESPONSIBILITIES OF THE PARTIES

- 3.1 AT&T will provide CARRIER with AT&T's Transit Traffic Service to all Third Party Terminating Carriers with whom AT&T is interconnected, but only in the LATA, or outside of the LATA to the extent a LATA boundary waiver exists.
- 3.2 A Transit Traffic Service rate applies to all Transit Traffic that originates on CARRIER's network. The Transit Traffic Service rate is only applicable when calls do not originate with (or terminate to) an AT&T end user.
- 3.3 The Transit Traffic Service rate applies to all minutes of use ("MOUs") when CARRIER sends Transit Traffic to a Third Party Terminating Carrier's network. CARRIER agrees to compensate AT&T for the Transit Traffic Service provided at the rate(s) set forth in the Pricing Schedule.
- 3.4 Each Party to this Agreement will be responsible for the accuracy and quality of its data submitted to the other Party.

Carrier Originating

- 3.7 CARRIER has the sole obligation to enter into traffic compensation arrangements with Third Party Terminating Carriers prior to delivering traffic to AT&T for transiting to such Third Party Terminating Carriers. In no event will AT&T have any liability to CARRIER or any Third Party if CARRIER fails to enter into such traffic compensation arrangements. In the event CARRIER originates traffic that transits AT&T's network to reach a Third Party Terminating Carrier with whom CARRIER does not have a traffic compensation arrangement, then CARRIER will indemnify, defend and hold harmless AT&T against any and all Losses including, without limitation, charges levied by such Third Party Terminating Carrier. The Third Party Terminating Carrier and AT&T will bill their respective charges directly to CARRIER. AT&T will not be required to function as a billing intermediary, e.g. clearinghouse. Under no circumstances will AT&T be required to pay any termination charges to the Third Party Terminating Carrier.
- 3.8 In the event CARRIER originates Transit Traffic destined for a Third Party Terminating Carrier with which CARRIER does not have a traffic compensation arrangement and a regulatory agency or court orders AT&T to pay such Third Party Telecommunications Carrier termination charges for the Transit Traffic AT&T has delivered, CARRIER will indemnify AT&T for any charges, costs, expenses or other liability related to such order, including but not limited to termination charges, interest, and any billing and collection costs. In the event of any such proceeding, AT&T agrees to allow CARRIER to participate as a party.
- 3.9 CARRIER will be responsible for sending the Calling Party Number (CPN) for calls delivered to the network of AT&T. Carrier shall not strip, alter, modify, add, delete, change, or incorrectly assign or re-assign any CPN. If AT&T identifies improper, incorrect, or fraudulent use of local exchange services or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, CARRIER agrees to cooperate to investigate and take corrective action. If CARRIER is passing CPN but AT&T is not properly receiving information, CARRIER will work cooperatively to correct the problem. If the CPN is not received from the CARRIER, AT&T can not forward the CPN and CARRIER will indemnify, defend and hold harmless AT&T from any and all Losses arising out of the failure of any traffic transiting AT&T's network to have CPN.
- 3.10 CARRIER, as a Telecommunications Carrier originating traffic, has the sole responsibility of providing appropriate information to identify transiting traffic to Third Party Terminating Carriers. AT&T may provide billing information to Third Party Terminating Carriers to assist with the identification of traffic.

Carrier Terminating

- 3.11 CARRIER shall not charge AT&T when AT&T provides Transit Traffic Service as the Transit Traffic Provider for calls terminated to CARRIER.
- 3.12 When AT&T, operating as a Transit Service Provider, routes Transit Traffic to CARRIER from a Third Party Originating Carrier, AT&T agrees to pass the originating CPN information to CARRIER as provided by the Third Party Originating Carrier.
- 3.13 The Third Party Originating Carrier is responsible for sending the CPN for calls originating on its network and passed to the network of CARRIER from AT&T serving as the Transit Traffic Provider. Where AT&T is providing a Transit Traffic Service, AT&T will pass the Calling Party Number (CPN), if it is received from a Third Party Originating Carrier. If the CPN is not received from the Third Party Originating Carrier, AT&T can not forward the CPN; therefore, CARRIER will indemnify, defend and hold harmless AT&T from any Losses according to Section 3.7 above. If AT&T or CARRIER identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN from Third Party Originating Carrier, CARRIER agrees to cooperate to work with Third Party Originating Carrier to investigate and take corrective action. If Third Party Originating Carrier is passing CPN but AT&T or CARRIER is not properly receiving information, CARRIER will work cooperatively to correct the problem.
- 3.14 CARRIER agrees to seek terminating compensation directly from the Third Party Originating Carrier. AT&T, as the Transit Service Provider will not be obligated to pay for Transit Traffic as the default originator.

4. TRANSIT TRAFFIC ROUTING

- 4.1 Where AT&T has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, CARRIER's originated Section 251(b)(5) Traffic and ISP-Bound Traffic utilizing AT&T's Transit Traffic Service will be routed via AT&T's Local Tandem Switches, but not at or through any AT&T Access Tandem Switches.
- 4.2 Where AT&T has a Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, CARRIER originated Section 251(b)(5) Traffic or ISP-Bound Traffic utilizing AT&T's Transit Traffic Service will be routed via the appropriate AT&T Local/IntraLATA Tandem Switch or Local/Access Tandem Switch.
- 4.3 Where AT&T has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, CARRIER originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T's Transit Traffic Service will be routed via AT&T's Access Tandem Switches, but not at or through any AT&T Local Tandem Switches.
- 4.4 Where AT&T has a combined Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, CARRIER originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T's Transit Traffic Service will be routed via the appropriate AT&T Local/IntraLATA Tandem Switch or Local/Access Tandem Switch.
- 4.5 Upon written notification from AT&T of misrouting of Transit Traffic by CARRIER as identified above, CARRIER will take appropriate action and correct such misrouting within a reasonably practical period of time no longer than 60 days after receipt of notification of such misrouting.
- 4.6 Facilities and trunking pursuant to CARRIER's Interconnection Trunking Requirements (Appendix ITR) to the interconnection agreement, or as otherwise mutually agreed in writing, will be utilized for the routing of Transit Traffic.

5. DIRECT TRUNKING REQUIREMENTS

- 5.1 When Transit Traffic from CARRIER through the AT&T Tandem to another Local Exchange Carrier, CLEC or wireless carrier requires twenty-four (24) or more trunks, upon AT&T written request, CARRIER shall establish a direct trunk group or alternate transit arrangement between itself and the other Local Exchange Carrier, CLEC or wireless carrier within sixty (60) calendar days. CARRIER shall route Transit

Traffic via AT&T's Tandem switches, and not at or through any AT&T End Offices. Once this trunk group has been established, CARRIER agrees to cease routing Transit Traffic through the AT&T Tandem to the Third Party Terminating Carrier, unless the parties mutually agree otherwise.

6. TRANSIT TRAFFIC RATE APPLICATION

- 6.1 The Transit Traffic Services rate applies to all Minutes of Use ("MOUs") when CARRIER sends Transit Traffic to a Third Party Terminating Carrier's network through AT&T's tandem switch where an AT&T end user is neither the originating nor the terminating party. CARRIER agrees to compensate AT&T operating as a Transit Service Provider at the applicable rates set forth in Pricing Schedule.
- 6.2 Rate Elements - the following rate elements apply, (the corresponding rates are specified in Appendix Pricing, attached hereto):
 - 6.2.1 Tandem Switching - compensation for the use of tandem switching.
 - 6.2.2 Tandem Transport - compensation for the transmission of traffic between the local tandem and the end offices subtending that tandem consisting of a transport termination (per minute) rate element and transport facility mileage (per minute, per mile) rate element.
- 6.3 Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, the Transit Traffic rate elements shall not apply to MCA Traffic (i.e., no transiting charges shall be assessed for MCA Traffic) for AT&T MISSOURI.
- 6.4 Intentionally Left Blank.

7. EFFECTIVE DATE; TERM

- 7.1 Notwithstanding anything to the contrary, this Transit Traffic Service Appendix shall become effective as of the effective date(s) of individual interconnection agreement(s), entered into pursuant to 47 U.S.C. 251/252 between AT&T and CARRIER, for the state(s) in which the Transit Traffic Service under this Appendix is offered. The terms of this Transit Traffic Service Appendix shall expire upon the date of the expiration of each individual interconnection agreement, entered into pursuant to 47 U.S.C. 251/252 between AT&T and CARRIER, for the state(s) in which the Transit Traffic Service under this Appendix is offered.

8. RESERVATION OF RIGHTS/INTERVENING LAW

- 8.1 In entering into this Agreement, this Attachment, and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s). If any action by any state or federal regulatory or legislative body or court of competent jurisdiction invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationale for any rate(s), term(s) and/or condition(s) ("Provisions") of the Agreement, and/or this Attachment and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement or this Attachment, the affected Provision(s) shall be immediately invalidated, modified or stayed consistent with the action of the regulatory or legislative body or court of competent jurisdiction upon the written request of either Party ("Written Notice"). With respect to any Written Notices hereunder, the Parties shall have sixty (60) days from the Written Notice to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications to the Agreement or this Attachment. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the interpretation of the actions required or the provisions affected by such order shall be resolved pursuant to the dispute resolution process provided for in this Agreement.
- 8.2 In entering into this Agreement and this Attachment, each Party agrees to abide by and honor the rates, terms, conditions set forth in this Agreement and this Attachment without challenging its provisions throughout the Term of this Agreement.

**AMENDMENT TO
INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE
TELECOMMUNICATIONS ACT OF 1996
BETWEEN
SOUTHWESTERN BELL TELEPHONE COMPANY d/b/a AT&T MISSOURI
AND
NAVIGATOR TELECOMMUNICATIONS, LLC**

The Interconnection Agreement dated August 7, 2006 by and between Southwestern Bell Telephone Company d/b/a AT&T Missouri ("AT&T")¹ and Navigator Telecommunications, LLC ("Navigator") ("Agreement") effective in the state of Missouri is hereby amended as follows:

1. Section 4.0 of the General Terms and Conditions is amended by adding the following section:
 - 4.2.1.2 Notwithstanding anything to the contrary in this Section 4.0, the original expiration date of this Agreement, as modified by this Amendment, will be extended for a period of three (3) years from January 8, 2010 until January 8, 2013 (the "Extended Expiration Date"). The Agreement shall expire on the Extended Expiration Date; provided, however, that during the period from the effective date of this Amendment until the Extended Expiration Date, the Agreement may be terminated earlier either by written notice from Navigator, by AT&T pursuant to the Agreement's early termination provisions, by mutual agreement of the parties, or upon the effective date of a written and signed superseding agreement between the parties.
2. The Agreement is also amended as follows to reflect prior changes of law, and Navigator acknowledges and agrees that it will promptly amend the Agreement to reflect future changes of law as and when they may arise.
4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
3. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
5. This Amendment shall be filed with and is subject to approval by the Missouri Public Service Commission and shall become effective ten (10) days following approval by such Commission.

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|---|--|--------------|--------------------------------|--------------------------------------|
| 1 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED | | | | |
| 2 | REAL ESTATE | | | | |
| 3 | Site Conditioning | Per Sq. Ft. of space used by CLEC | S8FWB | | \$9.28 |
| 4 | Safety & Security | Per Sq. Ft. of space used by CLEC | S8F4N | | \$19.56 |
| 5 | Floor Space Usage | Per Sq. Ft. of space used by CLEC | S8F4L | \$5.97 | |
| 6 | COMMON SYSTEMS | | | | |
| 7 | Common Systems - Cage | Per Sq. Ft. of space used by CLEC | S8F4A | \$0.44 | \$59.86 |
| 8 | PLANNING | | | | |
| 9 | Planning - Central Office | Per Sq. Ft. of space used by CLEC | S8GCA | \$0.09 | \$7.55 |
| 10 | Planning | Per Request | NRFCB | | \$5,244.43 |
| 11 | Planning - Subsequent Inter. Cabling | Per Request | NRFCB | | \$2,267.04 |
| 12 | Planning - Subsequent Power Cabling | Per Request | NRFCF | | \$2,306.10 |
| 13 | Planning - Subs. Inter./Power Cabling | Per Request | NRFCG | | \$2,884.60 |
| 14 | Planning - Non-Standard | Per Request | NRFCH | | \$1,436.00 |
| 15 | POWER PROVISIONING | | | | |
| 16 | Power Panel: | | | | |
| 17 | 50 Amp | Per Power Panel (CLEC Provided) | NONE | | |
| 18 | 200 Amp | Per Power Panel (CLEC Provided) | NONE | | |
| 19 | Power Cable and Infrastructure: | | | | |
| 20 | Power Cable Rack | Per Four Power Cables or Quad | NONE | | |
| 21 | 2-10 Amp Feeds | Per 2-10 Amp Power Feeds (CLEC Provided) | C1F31 | \$0.25 | \$48.23 |
| 22 | 2-20 Amp Feeds | Per 2-20 Amp Power Feeds (CLEC Provided) | S8GF1 | \$0.25 | \$48.23 |
| 23 | 2-30 Amp Feeds | Per 2-30 Amp Power Feeds (CLEC Provided) | C1F32 | \$0.25 | \$48.23 |
| 24 | 2-40 Amp Feeds | Per 2-40 Amp Power Feeds (CLEC Provided) | C1F33 | \$0.25 | \$48.23 |
| 25 | 2-50 Amp Feeds | Per 2-50 Amp Power Feeds (CLEC Provided) | S8GF2 | \$0.25 | \$48.23 |
| 26 | 2-100 Amp Feeds | Per 2-100 Amp Power Feeds (CLEC Provided) | S8GF3 | \$0.25 | \$48.23 |
| 27 | Equipment Grounding: | | | | |
| 28 | Ground Cable Placement | Per Sq. Ft. of space used by CLEC | S8FCR | \$0.03 | \$0.92 |
| 29 | DC POWER AMPERAGE CHARGE | | | | |
| 30 | HVAC | Per 10 Amps | S8GCS | \$14.62 | |
| 31 | Per Amp | Per Amp | S8GCR | \$10.61 | |
| 32 | FIBER CABLE PLACEMENT | | | | |
| 33 | Central Office: | | | | |
| 34 | Fiber Cable | Per Fiber Cable Sheath (CLEC Vendor Pulls Cable) | S8FQ9 | \$4.85 | \$809.13 |
| 35 | Entrance Conduit | Per Fiber Cable Sheath | S8FW5 | \$8.76 | |
| 36 | MISCELLANEOUS & OPTIONAL COST: | | | | |
| 37 | MISCELLANEOUS COSTS | | | | |
| 38 | Timing Lead | Per Linear Foot | S8F45 | \$0.08 | \$14.81 |
| 39 | Bits Timing | Based on two (2) leads per circuit | S8FQT | \$3.58 | \$698.82 |
| 40 | Space Availability Report | Per Premise | NRFCQ | | \$168.04 |
| 41 | Security Access / ID Cards | Per Five Cards | NRFCM | | \$123.35 |
| 42 | Security Access / ID Cards/Expedite | Per Five Cards | NRFCN | | \$203.35 |
| 43 | CAGE COMMON COSTS | | | | |
| 44 | AC Circuit Placement | Per Sq. Ft. (CLEC provides cage) | NRL60 | | \$5.29 |
| 45 | INTERCONNECTION COSTS: | | | | |
| 46 | ILEC TO CLEC CONNECTION | | | | |
| 47 | Voice Grade Arrangement | 100 Copper Pairs (CLEC provides cable) | S8F48 | \$3.86 | \$156.02 |
| 48 | Voice Grade Arrangement | 100 Shielded Pairs (CLEC provides cable) | S8FWU | \$3.86 | \$156.02 |
| 49 | DS1 Arrangement - DCS | 28 DS1 (CLEC provides cable) | S8FQM | \$295.42 | \$3,105.79 |
| 50 | DS1 Arrangement - DSX | 28 DS1 (CLEC provides cable) | S8F46 | \$6.07 | \$486.89 |
| 51 | DS3 Arrangement - DCS | 1 DS3 (CLEC provides cable) | S8F47 | \$115.30 | \$1,809.40 |
| 52 | DS3 Arrangement - DSX | 1 DS3 (CLEC provides cable) | S8FQN | \$5.69 | \$116.67 |
| 53 | Fiber Arrangement | 12 Fiber Pairs (CLEC provides cable) | S8FQR | \$3.58 | \$698.82 |
| 54 | CLEC TO CLEC CONNECTION | | | | |
| 55 | Cable Racking and Hole for Optical | Per Cable | S8GFE | \$0.82 | |
| 56 | Cable Racking and Hole for DS1 | Per Cable | S8GFF | \$0.57 | |
| 57 | Cable Racking and Hole for DS3 | Per Cable | S8GFG | \$0.50 | |
| 58 | Route Design | | NRFCX | | \$424.88 |
| 59 | Connection for DS1 | Per 28 Circuits (CLEC provides cable) | S8GFH | \$0.18 | |
| 60 | Connection for DS3 | Per Circuit (CLEC provides cable) | S8GFJ | \$0.12 | |
| 61 | Connection for Optical | Per Cable (CLEC provides cable) | S8GFK | \$0.31 | |
| 62 | TIME SENSITIVE ACTIVITIES | | | | |
| 63 | PRE-VISITS | | | | |
| 64 | Colloc. Ser. Mgr. - 2nd Level | Per 1/4 Hour | NRFCR | | \$23.23 |
| 65 | Comm. Tech - Craft | Per 1/4 Hour | NRFCB | | \$19.60 |
| 66 | CO Manager - 1st Level | Per 1/4 Hour | NRFCB | | \$19.72 |
| 67 | Floor Space Planning - 1st Level | Per 1/4 Hour | NRFCU | | \$19.24 |
| 68 | CONSTRUCTION VISITS | | | | |
| 69 | Project Manager - 1st Level | Per 1/4 Hour | NRFCV | | \$19.24 |
| 70 | Colloc. Ser. Mgr. - 2nd Level | Per 1/4 Hour | NRFCZ | | \$23.23 |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|--|--|--------------|--------------------------------|--------------------------------------|
| 71 | | | | | |
| 72 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS | | | | |
| 73 | REAL ESTATE | | | | |
| 74 | Site Conditioning | Per Frame (Standard Bay=10 sq ft) | S8FWC | | \$92.81 |
| 75 | Safety & Security | Per Frame (Standard Bay=10 sq ft) | S8FWG | | \$195.57 |
| 76 | Floor Space Usage | Per Frame (Standard Bay=10 sq ft) | S8F9C | \$64.21 | |
| 77 | COMMON SYSTEMS | | | | |
| 78 | Common Systems - Cageless | Per Frame (Standard Bay=10 sq ft) | S8FWE | \$9.35 | \$760.45 |
| 79 | PLANNING | | | | |
| 80 | Planning - Central Office | Per Frame (Standard Bay=10 sq ft) | S8GCB | \$1.13 | \$75.54 |
| 81 | Planning | Per Request | NRFCJ | | \$4,601.93 |
| 82 | Planning - Subsequent Inter. Cabling | Per Request | NRFCF | | \$2,267.04 |
| 83 | Planning - Subsequent Power Cabling | Per Request | NRFCF | | \$2,306.10 |
| 84 | Planning - Subs. Inter./Power Cabling | Per Request | NRFCG | | \$2,884.60 |
| 85 | Planning - Non-Standard | Per Request | NRFCH | | \$1,436.00 |
| 86 | POWER PROVISIONING | | | | |
| 87 | Power Panel: | | | | |
| 88 | 50 Amp | Per Power Panel (CLEC Provided) | NONE | | |
| 89 | 200 Amp | Per Power Panel (CLEC Provided) | NONE | | |
| 90 | Power Cable and Infrastructure: | | | | |
| 91 | Power Cable Rack | Per Four Power Cables or Quad | NONE | | |
| 92 | 2-10 Amp Feeds | Per 2-10 Amp Power Feeds (CLEC Provided) | C1F34 | \$0.25 | \$48.23 |
| 93 | 2-20 Amp Feeds | Per 2-20 Amp Power Feeds (CLEC Provided) | S8GF1 | \$0.25 | \$48.23 |
| 94 | 2-30 Amp Feeds | Per 2-30 Amp Power Feeds (CLEC Provided) | C1F35 | \$0.25 | \$48.23 |
| 95 | 2-40 Amp Feeds | Per 2-40 Amp Power Feeds (CLEC Provided) | C1F36 | \$0.25 | \$48.23 |
| 96 | 2-50 Amp Feeds | Per 2-50 Amp Power Feeds (CLEC Provided) | S8GF2 | \$0.25 | \$48.23 |
| 97 | 2-100 Amp Feeds | Per 2-100 Amp Power Feeds (CLEC Provided) | S8GF3 | \$0.25 | \$48.23 |
| 98 | Equipment Grounding: | | | | |
| 99 | Ground Cable Placement | Per Frame | S8GDB | \$0.33 | \$15.32 |
| 100 | DC POWER AMPERAGE CHARGE | | | | |
| 101 | HVAC | Per 10 Amps | S8GCS | \$14.62 | |
| 102 | Per Amp | Per Amp | S8GCR | \$10.61 | |
| 103 | CEV, HUT & Cabinets | Per 2 inch mounting space | S8GCT | \$1.27 | |
| 104 | FIBER CABLE PLACEMENT | | | | |
| 105 | Central Office: | | | | |
| 106 | Fiber Cable | Per Fiber Cable Sheath (CLEC Vendor Pulls Cable) | S8FQ9 | \$4.85 | \$809.13 |
| 107 | Entrance Conduit | Per Fiber Cable Sheath | S8FW5 | \$8.76 | |
| 108 | CEV, HUT & Cabinets: | | | | |
| 109 | Fiber Cable Placement | Per Fiber Cable Sheath | S8GDH | | \$53.58 |
| 110 | Entrance Conduit | Per Fiber Cable Sheath | S8GDJ | \$2.61 | |
| 111 | MISCELLANEOUS & OPTIONAL COST: | | | | |
| 112 | MISCELLANEOUS COSTS | | | | |
| 113 | Timing Lead | Per Linear Foot | S8F45 | \$0.08 | \$14.81 |
| 114 | Bits Timing | Based on two (2) leads per circuit | S8FQT | \$3.58 | \$698.82 |
| 115 | Space Availability Report | Per Premise | NRFCQ | | \$168.04 |
| 116 | Security Access / ID Cards | Per Five Cards | NRFCM | | \$123.35 |
| 117 | Security Access / ID Cards/Expedite | Per Five Cards | NRFCN | | \$203.35 |
| 118 | CAGELESS / POT BAY OPTIONS | | | | |
| 119 | Standard Equipment Bay | Each (CLEC Provided) | NONE | | |
| 120 | Non-Standard Cabinet Bay | Each (CLEC Provided) | NONE | | |
| 121 | VF/DS0 Termination Panel | Each (CLEC Provided) | NONE | | |
| 122 | VF/DS0 Termination Module | Each (CLEC Provided) | NONE | | |
| 123 | DDP-1 Panel | Each (CLEC Provided) | NONE | | |
| 124 | DDP-1 Jack Access Card | Each (CLEC Provided) | NONE | | |
| 125 | DS3/STS-1 Interconnect Panel | Each (CLEC Provided) | NONE | | |
| 126 | DS3 Interconnect Module | Each (CLEC Provided) | NONE | | |
| 127 | Fiber Optic Splitter Panel | Each (CLEC Provided) | NONE | | |
| 128 | Fiber Termination Dual Module | Each (CLEC Provided) | NONE | | |
| 129 | CEV, HUT, CABINET | | | | |
| 130 | 24 Foot CEV | 2 Inch Mounting Space | S8GE3 | \$1.64 | |
| 131 | 16 Foot CEV | 2 Inch Mounting Space | S8GE4 | \$1.77 | |
| 132 | Maxi-Hut | 2 Inch Mounting Space | S8GE1 | \$0.77 | |
| 133 | Mini-Hut | 2 Inch Mounting Space | S8GE2 | \$1.33 | |
| 134 | Large Cabinet | 2 Inch Mounting Space | S8GEX | \$1.63 | |
| 135 | Medium Cabinet | 2 Inch Mounting Space | S8GEY | \$2.19 | |
| 136 | Small Cabinet | 2 Inch Mounting Space | S8GEZ | \$3.29 | |
| 137 | INTERCONNECTION COSTS: | | | | |
| 138 | ILEC TO CLEC CONNECTION | | | | |
| 139 | Voice Grade Arrangement | 100 Copper Pairs (CLEC provides cable) | S8F3E | \$3.86 | \$156.02 |
| 140 | Voice Grade Arrangement | 100 Shielded Pairs (CLEC provides cable) | S8FWV | \$3.86 | \$156.02 |
| 141 | DS1 Arrangement - DCS | 28 DS1 (CLEC provides cable) | S8F2J | \$295.42 | \$3,105.79 |
| 142 | DS1 Arrangement - DSX | 28 DS1 (CLEC provides cable) | S8F2P | \$6.07 | \$486.89 |
| 143 | DS3 Arrangement - DCS | 1 DS3 (CLEC provides cable) | S8F21 | \$115.30 | \$1,809.40 |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|--|--|-------|--------------------------------|--------------------------------------|
| 144 | DS3 Arrangement - DSX | 1 DS3 (CLEC provides cable) | S8F25 | \$5.69 | \$116.67 |
| 145 | Fiber Arrangement | 12 Fiber Pairs (CLEC provides cable) | S8F49 | \$3.76 | \$495.49 |
| 146 | CLEC TO CLEC CONNECTION | | | | |
| 147 | Cable Racking and Hole for Optical | Per Cable | S8GFE | \$0.82 | |
| 148 | Cable Racking and Hole for DS1 | Per Cable | S8GFF | \$0.57 | |
| 149 | Cable Racking and Hole for DS3 | Per Cable | S8GFG | \$0.50 | |
| 150 | Route Design | | NRFCX | | \$424.88 |
| 151 | Connection for DS1 | Per 28 Circuits (CLEC provides cable) | S8GFL | \$0.18 | \$0.00 |
| 152 | Connection for DS3 | Per Circuit (CLEC provides cable) | S8GFM | \$0.12 | \$0.00 |
| 153 | Connection for Optical | Per Cable (CLEC provides cable) | S8GFN | \$0.31 | \$0.00 |
| 154 | PROJECT MANAGEMENT | | | | |
| 155 | CEV, HUT & CABINET | | | | |
| 156 | Project Coordination | Per CLEC Application | NRFCX | | \$631.17 |
| 157 | TIME SENSITIVE ACTIVITIES | | | | |
| 158 | PRE-VISITS | | | | |
| 159 | Colloc. Ser. Mgr. - 2nd Level | Per 1/4 Hour | NRFCR | | \$23.23 |
| 160 | Comm. Tech - Craft | Per 1/4 Hour | NRFCS | | \$19.60 |
| 161 | CO Manager - 1st Level | Per 1/4 Hour | NRFCV | | \$19.72 |
| 162 | Floor Space Planning - 1st Level | Per 1/4 Hour | NRFCU | | \$19.24 |
| 163 | CONSTRUCTION VISITS | | | | |
| 164 | Project Manager - 1st Level | Per 1/4 Hour | NRFCV | | \$19.24 |
| 165 | Colloc. Ser. Mgr. - 2nd Level | Per 1/4 Hour | NRFCZ | | \$23.23 |
| 166 | | | | | |
| 167 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON | | | | |
| 168 | REAL ESTATE | | | | |
| 169 | Site Conditioning | Per Frame (Standard Bay=10 sq ft) | S8FWC | | \$92.81 |
| 170 | Safety & Security | Per Frame (Standard Bay=10 sq ft) | S8FWG | | \$195.57 |
| 171 | Floor Space Usage | Per Linear Foot | S8GCO | \$24.87 | |
| 172 | COMMON SYSTEMS | | | | |
| 173 | Common Systems - Common | Per Linear Foot | S8GCP | \$3.62 | \$294.37 |
| 174 | PLANNING | | | | |
| 175 | Planning - Central Office | Per Linear Foot | S8GCC | \$0.44 | \$29.24 |
| 176 | Planning | Per Request | NRFCJ | | \$4,601.93 |
| 177 | Planning - Subsequent Inter. Cabling | Per Request | NRFCJ | | \$2,267.04 |
| 178 | Planning - Subsequent Power Cabling | Per Request | NRFCF | | \$2,306.10 |
| 179 | Planning - Subs. Inter./Power Cabling | Per Request | NRFCG | | \$2,884.60 |
| 180 | Planning - Non-Standard | Per Request | NRFCG | | \$1,436.00 |
| 181 | POWER PROVISIONING | | | | |
| 182 | Power Panel: | | | | |
| 183 | 50 Amp | Per Power Panel (CLEC provides) | NONE | | |
| 184 | 200 Amp | Per Power Panel (CLEC provides) | NONE | | |
| 185 | Power Cable and Infrastructure: | | | | |
| 186 | Power Cable Rack | Per Four Power Cables or Quad | NONE | | |
| 187 | 2-10 Amp Feeds | Per 2-10 Amp Power Feeds (CLEC Provided) | C1F31 | \$0.25 | \$48.23 |
| 188 | 2-20 Amp Feeds | Per 2-20 Amp Power Feeds (CLEC Provided) | S8GF1 | \$0.25 | \$48.23 |
| 189 | 2-30 Amp Feeds | Per 2-30 Amp Power Feeds (CLEC Provided) | C1F32 | \$0.25 | \$48.23 |
| 190 | 2-40 Amp Feeds | Per 2-40 Amp Power Feeds (CLEC Provided) | C1F33 | \$0.25 | \$48.23 |
| 191 | 2-50 Amp Feeds | Per 2-50 Amp Power Feeds (CLEC Provided) | S8GF2 | \$0.25 | \$48.23 |
| 192 | 2-100 Amp Feeds | Per 2-100 Amp Power Feeds (CLEC Provided) | S8GF3 | \$0.25 | \$48.23 |
| 193 | Equipment Grounding: | | | | |
| 194 | Ground Cable Placement | Per Linear Foot | S8GDC | \$0.13 | \$5.93 |
| 195 | DC POWER AMPERAGE CHARGE | | | | |
| 196 | HVAC | Per 10 Amps | S8GCS | \$14.62 | |
| 197 | Per Amp | Per Amp | S8GCR | \$10.61 | |
| 198 | FIBER CABLE PLACEMENT | | | | |
| 199 | Central Office: | | | | |
| 200 | Fiber Cable | Per Fiber Cable Sheath (CLEC Vendor Pulls Cable) | S8FQ9 | \$4.85 | \$809.13 |
| 201 | Entrance Conduit | Per Fiber Cable Sheath | S8FW5 | \$8.76 | |
| 202 | MISCELLANEOUS & OPTIONAL COST: | | | | |
| 203 | MISCELLANEOUS COSTS | | | | |
| 204 | Timing Lead | Per Linear Foot | S8F45 | \$0.08 | \$14.81 |
| 205 | Bits Timing | Based on two (2) leads per circuit | S8FQT | \$3.58 | \$698.82 |
| 206 | Space Availability Report | Per Premise | NRFCQ | | \$168.04 |
| 207 | Security Access / ID Cards | Per Five Cards | NRFCM | | \$123.35 |
| 208 | Security Access / ID Cards/Expedite | Per Five Cards | NRFCN | | \$203.35 |
| 209 | CAGE COMMON COSTS | | | | |
| 210 | Cage Preparation | Per Linear Foot | S8GCJ | \$1.00 | \$157.00 |
| 211 | INTERCONNECTION COSTS: | | | | |
| 212 | ILEC TO CLEC CONNECTION | | | | |
| 213 | Voice Grade Arrangement | 100 Copper Pairs (CLEC provides cable) | S8F3E | \$3.86 | \$156.02 |
| 214 | Voice Grade Arrangement | 100 Shielded Pairs (CLEC provides cable) | S8FWV | \$3.86 | \$156.02 |
| 215 | DS1 Arrangement - DCS | 28 DS1 (CLEC provides cable) | S8F2J | \$295.42 | \$3,105.79 |
| 216 | DS1 Arrangement - DSX | 28 DS1 (CLEC provides cable) | S8F2P | \$6.07 | \$486.89 |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|---|--|--------|--------------------------------|--------------------------------------|
| 217 | DS3 Arrangement - DCS | 1 DS3 (CLEC provides cable) | S8F21 | \$115.30 | \$1,809.40 |
| 218 | DS3 Arrangement - DSX | 1 DS3 (CLEC provides cable) | S8F25 | \$5.69 | \$116.67 |
| 219 | Fiber Arrangement | 12 Fiber Pairs (CLEC provides cable) | S8F49 | \$3.76 | \$495.49 |
| 220 | | | | | |
| 221 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL | | | | |
| 222 | REAL ESTATE | | | | |
| 223 | Site Conditioning | Per Frame | S8FX5 | | \$92.81 |
| 224 | Safety & Security | Per Frame | S8FX6 | | \$195.57 |
| 225 | Floor Space Usage | Per Frame | S8F62 | \$28.91 | |
| 226 | COMMON SYSTEMS | | | | |
| 227 | Common Systems - Standard | Per Frame | S8F64 | \$10.75 | |
| 228 | Common Systems - Non-Standard | Per Cabinet | S8F65 | \$19.36 | |
| 229 | PLANNING | | | | |
| 230 | Planning | Per Request | NRM99 | | \$5,555.76 |
| 231 | Planning - Subsequent Inter. Cabling | Per Request | NRMA3 | | \$2,224.49 |
| 232 | Planning - Subsequent Power Cabling | Per Request | NRMAA | | \$2,303.84 |
| 233 | Planning - Subs. Inter./Power Cabling | Per Request | NRMAX | | \$2,882.61 |
| 234 | POWER PROVISIONING | | | | |
| 235 | Power Cable and Infrastructure: | | | | |
| 236 | Power Cable Rack | Per Four Power Cables or Quad | NONE | | |
| 237 | 2-10 Amp Feeds | Per 2-10 Amp Power Feeds (CLEC Provided) | C1F37 | \$0.52 | |
| 238 | 2-20 Amp Feeds | Per 2-20 Amp Power Feeds (CLEC Provided) | S8GFO | \$0.52 | |
| 239 | 2-30 Amp Feeds | Per 2-30 Amp Power Feeds (CLEC Provided) | C1F38 | \$0.52 | |
| 240 | 2-40 Amp Feeds | Per 2-40 Amp Power Feeds (CLEC Provided) | C1F39 | \$0.52 | |
| 241 | 2-50 Amp Feeds | Per 2-50 Amp Power Feeds (CLEC Provided) | S8GFP | \$0.52 | |
| 242 | Equipment Grounding: | | | | |
| 243 | Ground Cable Placement | Per Frame | S8F69 | \$0.36 | |
| 244 | DC POWER AMPERAGE CHARGE | | | | |
| 245 | HVAC | Per 10 Amps | S8FXO | \$14.62 | |
| 246 | Per Amp | Per Amp | S8FXN | \$10.61 | |
| 247 | CEV, HUT & Cabinets | Per 2 inch mounting space | S8FXP | \$1.27 | |
| 248 | FIBER CABLE PLACEMENT | | | | |
| 249 | Central Office: | | | | |
| 250 | Fiber Cable | Per Fiber Cable Sheath | S8F8F | \$11.01 | \$1,971.42 |
| 251 | Entrance Conduit | Per Fiber Cable Sheath | S8F8G | \$8.17 | |
| 252 | CEV, HUT & Cabinets: | | | | |
| 253 | Fiber Cable Placement | Per Fiber Cable Sheath | S8FXQ | | \$53.58 |
| 254 | Entrance Conduit | Per Fiber Cable Sheath | S8FXR | \$2.61 | |
| 255 | MISCELLANEOUS & OPTIONAL COST: | | | | |
| 256 | MISCELLANEOUS COSTS | | | | |
| 257 | Timing Lead | Per Linear Foot | S8FXT | \$0.08 | \$14.81 |
| 258 | Bits Timing | Based on two (2) leads per circuit | S8FXS | \$3.58 | \$698.82 |
| 259 | VIRTUAL FRAME OPTIONS | | | | |
| 260 | Standard Equipment Bay | Each (CLEC Provided) | NONE | | |
| 261 | CEV, HUT, CABINET | | | | |
| 262 | 24 Foot CEV | 2 Inch Mounting Space | S8FXZ | \$1.64 | |
| 263 | 16 Foot CEV | 2 Inch Mounting Space | S8FY6 | \$1.77 | |
| 264 | Maxi-Hut | 2 Inch Mounting Space | S8FXX | \$0.77 | |
| 265 | Mini-Hut | 2 Inch Mounting Space | S8FXY | \$1.33 | |
| 266 | Large Cabinet | 2 Inch Mounting Space | S8FXU | \$1.63 | |
| 267 | Medium Cabinet | 2 Inch Mounting Space | S8FXV | \$2.19 | |
| 268 | Small Cabinet | 2 Inch Mounting Space | S8FXW | \$3.29 | |
| 269 | INTERCONNECTION COSTS: | | | | |
| 270 | ILEC TO CLEC CONNECTION | | | | |
| 271 | Voice Grade Arrangement | 100 Copper Pairs (CLEC provides cable) | S8F82 | \$3.86 | \$225.02 |
| 272 | Voice Grade Arrangement | 100 Shielded Pairs (CLEC provides cable) | S8F83 | \$3.86 | \$225.02 |
| 273 | DS1 Arrangement - DCS | 28 DS1 (CLEC provides cable) | S8F8X | \$295.42 | \$3,496.22 |
| 274 | DS1 Arrangement - DSX | 28 DS1 (CLEC provides cable) | S8F8Y | \$6.07 | \$651.13 |
| 275 | DS3 Arrangement - DCS | 1 DS3 (CLEC provides cable) | S8F8Z | \$115.30 | \$2,186.12 |
| 276 | DS3 Arrangement - DSX | 1 DS3 (CLEC provides cable) | S8F81 | \$5.69 | \$204.42 |
| 277 | Fiber Arrangement | 12 Fiber Pairs (CLEC provides cable) | S8F84 | \$10.47 | \$152.71 |
| 278 | VIRTUAL TO VIRTUAL CONNECTION | | | | |
| 279 | Cable Racking and Hole for Optical | Per Cable | S8FY7 | \$0.90 | |
| 280 | Cable Racking and Hole for DS1 | Per Cable | S8FY8 | \$0.49 | |
| 281 | Cable Racking and Hole for DS3 | Per Cable | S8FY9 | \$0.35 | |
| 282 | Route Design | | NRLWF | | \$463.36 |
| 283 | Connection for DS1 | Per 28 Circuits (CLEC provides cable) | S8GFQ | \$0.41 | \$0.00 |
| 284 | Connection for DS3 | Per Circuit (CLEC provides cable) | S8GFR | \$0.27 | \$0.00 |
| 285 | Connection for Optical | Per Cable (CLEC provides cable) | S8GFS | \$0.81 | \$0.00 |
| 286 | PROJECT MANAGEMENT | | | | |
| 287 | CEV, HUT & CABINET | | | | |
| 288 | Project Coordination | Per CLEC Application Augment | NRFCCK | | \$631.17 |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|---|--|--------------|--------------------------------|--------------------------------------|
| 289 | EQUIPMENT MAINTENANCE AND SECURITY ESCORT | | | | |
| 290 | CENTRAL OFFICE TYPE | | | | |
| 291 | Staffed CO During Normal Business Hours | Per 1/4 Hour | NRMHK | | \$15.15 |
| 292 | Staffed CO During Outside Normal Business Hours | 4 Hour Minium - Initial | NRMHN | | \$242.35 |
| 293 | Staffed CO During Outside Normal Business Hours | Per 1/4 Hour - Additional | NRMJ7 | | \$15.15 |
| 294 | Not Staffed CO/RT During Normal Business Hours | Per 1/4 Hour | NRMJ8 | | \$15.15 |
| 295 | Not Staffed CO/RT During Outside Normal Business Hours | 4 Hour Minium - Initial | NRMJ9 | | \$242.35 |
| 296 | Not Staffed CO/RT During Outside Normal Business Hours | Per 1/4 Hour - Additional | NRML7 | | \$15.15 |
| 297 | CEV, HUT & CABINET | | | | |
| 298 | Per Visit | 4 Hour Minium - Initial | NRMJ9 | | \$242.35 |
| 299 | Per Visit | Per 1/4 Hour - Additional | NRML7 | | \$15.15 |
| 300 | ADDITIONAL LABOR ELEMENTS | | | | |
| 301 | TRAINING | | | | |
| 302 | Communications Tech | Per 1/2 Hour | NRMCD | | \$39.21 |
| 303 | CO Manager | Per 1/2 Hour | NRME9 | | \$39.45 |
| 304 | Power Engineer | Per 1/2 Hour | NRMF9 | | \$38.47 |
| 305 | Equipment Engineer | Per 1/2 Hour | NRMHJ | | \$38.47 |
| 306 | EQUIPMENT EVALUATION COST | | | | |
| 307 | Equipment Engineer | Per 1/2 Hour | NRMO9 | | \$38.47 |
| 308 | TEST AND ACCEPTANCE | | | | |
| 309 | Communications Tech | Per 1/2 Hour | NRMP2 | | \$39.21 |
| 310 | | | | | |
| 311 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE | | | | |
| 312 | PLANNING | | | | |
| 313 | Planning - Initial | Per Request | NRFA1 | | \$9,268.73 |
| 314 | Planning - Subsequent | Per Request | NRFA2 | | \$1,606.77 |
| 315 | REAL ESTATE | | | | |
| 316 | Land Rental | Per Square Foot | S8GEN | \$0.44 | |
| 317 | POWER PROVISIONING | | | | |
| 318 | Power Cable and Infrastructure: | | | | |
| 319 | 2-100 Amp Feeds | Per 2-100 Amp Power Feeds (CLEC provides cable) | NONE | | |
| 320 | 2-200 Amp Feeds | Per 2-200 Amp Power Feeds (CLEC provides cable) | NONE | | |
| 321 | 2-300 Amp Feeds | Per 2-300 Amp Power Feeds (CLEC provides cable) | NONE | | |
| 322 | 2-400 Amp Feeds | Per 2-400 Amp Power Feeds (CLEC provides cable) | NONE | | |
| 323 | AC Service: | | | | |
| 324 | Extension of 100 Amp AC Service (Opt.) | Per Request | NRFCW | | \$6,447.00 |
| 325 | AC Usage | Per KWH | S8GEO | \$0.05 | |
| 326 | DC POWER AMPERAGE CHARGE | | | | |
| 327 | Per Amp | Per Amp | S8GCR | \$10.61 | |
| 328 | FIBER CABLE PLACEMENT | | | | |
| 329 | Fiber Installation | Per Fiber Cable Sheath (CLEC Vendor Pulls Cable) | S8GF4 | \$2.13 | \$488.48 |
| 330 | Entrance Fiber Racking | Per Rack/Conduit Duct | S8GDG | \$1.55 | |
| 331 | CABLE RACK | | | | |
| 332 | DC Power Cable Rack | Per Rack | S8GEP | \$13.64 | \$2,667.22 |
| 333 | Fiber Cable Rack | Per Rack | S8GEQ | \$20.63 | |
| 334 | Interconnection Arrangement (Copper) Racking | Per Rack | S8GER | \$30.63 | |
| 335 | CONDUIT PLACEMENT | | | | |
| 336 | DC Power Cable Rack | Per Rack | S8GES | | \$7,386.71 |
| 337 | Fiber Cable Rack | Per Rack | S8GET | | \$4,711.89 |
| 338 | Interconnection Arrangement (Copper) Racking | Per Rack | S8GEU | | \$5,545.50 |
| 339 | INTERCONNECTION COSTS: | | | | |
| 340 | I LEC TO CLEC CONNECTION | | | | |
| 341 | Voice Grade Arrangement | 100 Copper Pairs (CLEC provides cable) | S8F3G | \$3.86 | \$156.02 |
| 342 | Voice Grade Arrangement | 100 Shielded Pairs (CLEC provides cable) | S8FWW | \$3.86 | \$156.02 |
| 343 | DS1 Arrangement - DCS | 28 DS1 (CLEC provides cable) | S8F2L | \$295.42 | \$3,105.79 |
| 344 | DS1 Arrangement - DSX | 28 DS1 (CLEC provides cable) | S8F2R | \$6.07 | \$486.89 |
| 345 | DS3 Arrangement - DCS | 1 DS3 (CLEC provides cable) | S8F23 | \$115.30 | \$1,809.40 |
| 346 | DS3 Arrangement - DSX | 1 DS3 (CLEC provides cable) | S8F27 | \$5.69 | \$116.67 |
| 347 | Fiber Arrangement | 12 Fiber Pairs (CLEC provides cable) | S8F3N | \$3.76 | \$495.49 |
| 348 | | | | | |
| 349 | CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT OFF-SITE | | | | |
| 350 | PLANNING | | | | |
| 351 | Planning | Per Request | NRFA3 | | \$1,254.32 |
| 352 | CONDUIT | | | | |
| 353 | Conduit Space | Per Innerduct | S8GEW | \$1.17 | |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|---|--|--------|--------------------------------|--------------------------------------|
| 354 | INTERCONNECTION COSTS: | | | | |
| 355 | ILEC TO CLEC CONNECTION | | | | |
| 356 | Voice Grade/DS0 Arrangement | 900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable) | S8GF5 | \$311.43 | |
| 357 | DS1 Arrangement - DCS | 28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable) | S8GF6 | \$439.96 | |
| 358 | DS1 Arrangement - DSX | 28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable) | S8GF7 | \$35.03 | |
| 359 | DS1 Arrangement - MDF | 450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable) | S8GF8 | \$311.43 | |
| 360 | Fiber Arrangement | 12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable) | S8GF9 | \$9.02 | |
| 361 | | | | | |
| 362 | RATES AND CHARGES FOR | | | | |
| 363 | COMPLETE SPACE DISCONTINUANCE | | | | |
| 364 | Application Fee | Per Request | NRFX1 | | \$503.95 |
| 365 | Project Management Fee – Complete Space Discontinuance | Per Request | NRFX2 | | \$2,883.10 |
| 366 | Remove Fiber Jumpers | Per linear foot | NRFX3 | | \$18.79 |
| 367 | Remove Fiber Cables | Per linear foot | NRFX4 | | \$14.43 |
| 368 | Remove VF/DS0 Cable | Per linear foot | NRFX5 | | \$2.60 |
| 369 | Remove DS1 Cable | Per linear foot | NRFX6 | | \$4.89 |
| 370 | Remove DS3 Cable (Coax) | Per linear foot | NRFX7 | | \$3.57 |
| 371 | Remove Timing Cable | Per Request | NRFX8 | | \$9.64 |
| 372 | Remove Power Cable-50AMP feed & below | Per linear foot | NRFX9 | | \$24.76 |
| 373 | Remove Power Cable-100AMP feed & above | Per linear foot | NRFXA | | \$22.73 |
| 374 | Remove Cage Grounding Material | Each grounding lead & ground bar | NRFXB | | \$1,462.85 |
| 375 | Remove Fiber Entrance Cable | Per cable removal job | NRFXC | | \$1,664.00 |
| 376 | Infrastructure Maps & Records | Per cable removal job | NRFXD | | \$104.00 |
| 377 | Engineering Work Order | Per cable removal job | NRFXE | | \$104.00 |
| 378 | Work Group Information Distribution | Per cable removal job | NRFXF | | \$104.00 |
| 379 | Restore Floor Tile – per Standard Bay | Per Standard Bay | NRFXG | | \$71.79 |
| 380 | Floor Restoration Contractor Trip Charge | Per trip | NRFXH | | \$144.63 |
| 381 | Restore Floor Tile | Per Non-Standard Bay | NRFXJ | | \$81.53 |
| 382 | | | | | |
| 383 | RATES AND CHARGES FOR | | | | |
| 384 | SPACE REASSIGNMENT/RESTENCILING | | | | |
| 385 | Application Fee | Per Request | NRFXK | | \$503.95 |
| 386 | Project Management Fee – Space Reassignment | Per Request | NRFXL | | \$2,883.10 |
| 387 | Restencil DS0/DSL Block | Per 100 pair block | NRFXM | | \$15.33 |
| 388 | Restencil DS1 Block | Per 28 DS1s | NRFXN | | \$6.02 |
| 389 | Restencil DS3 Coax Cable | Per cable | NRF XO | | \$4.90 |
| 390 | Restencil Fiber Cable Block | Per 12 pair cable | NRFXP | | \$91.95 |
| 391 | Restencil Fiber Jumper Block | Per 4 jumpers | NRFXQ | | \$61.30 |
| 392 | Restencil Power and tag cables | Per 1-4 feeds | NRFXR | | \$107.28 |
| 393 | Restencil Timing Source and tag cable | Per cable | NRFXS | | \$122.60 |
| 394 | Timing Record Book Update | Per element | NRFXT | | \$45.98 |
| 395 | Interconnection Records Update | Per element | NRF XU | | \$296.61 |
| 396 | Power Records Update | Per element | NRF XV | | \$355.94 |
| 397 | Vendor Engineering | Per Space Reassignment job | NRF XW | | \$711.88 |
| 398 | | | | | |
| 399 | RATES AND CHARGES FOR | | | | |
| 400 | POWER REDUCTION (CABLE REMOVAL) | | | | |
| 401 | Application Fee | Per Request | NRFXX | | \$503.95 |
| 402 | Project Management Fee – Power Reduction(cable removal) | Per Request | NRFXY | | \$2,220.45 |
| 403 | Remove Power Cable-50AMP feed & below | Per linear foot | NRFXZ | | \$24.76 |
| 404 | Remove Power Cable-100AMP feed & above | Per linear foot | NRFY1 | | \$22.73 |
| 405 | | | | | |
| 406 | RATES AND CHARGES FOR | | | | |
| 407 | POWER REDUCTION (REFUSING ONLY) | | | | |
| 408 | Application Fee | Per Request | NRFY2 | | \$503.95 |
| 409 | Project Management Fee – Power Refusing Only | 50AMP A&B feeds & below | NRFY3 | | \$1,562.80 |
| 410 | Project Management Fee – Power Refusing Only | 100AMP A&B feeds & above | NRFY4 | | \$2,004.57 |
| 411 | Power Fuse Reductions on Company BDFB | 50AMP A&B feeds & below | NRFY5 | | \$367.81 |
| 412 | Restencil Power and tag cables | Per 1-4 feeds | NRFY6 | | \$107.28 |
| 413 | Power Records Update | Per element | NRFY7 | | \$355.94 |
| 414 | Vendor Engineering | Per Space Reassignment job | NRFY8 | | \$711.88 |
| 415 | Power Fuse Reductions on Power Board | 100AMP A&B feeds & above | NRFY9 | | \$490.41 |
| 416 | Restencil Power and tag cables | Per 1-4 feeds | NRFYA | | \$107.28 |
| 417 | Power Records Update | Per element | NRFYB | | \$355.94 |
| 418 | Vendor Engineering | Per Space Reassignment job | NRFYC | | \$711.88 |
| 419 | | | | | |

| Line | Product Type | Rate Element Description | USOC | Current Monthly Recurring Rate | Current Non-Recurring Rate (Initial) |
|------|--|--------------------------|--------------|--------------------------------|--------------------------------------|
| 420 | RATES AND CHARGES FOR | | | | |
| 421 | INTERCONNECTION TERMINATION REDUCTION | | | | |
| 422 | Application Fee | Per Request | NRFYD | | \$503.95 |
| 423 | Project Management Fee – Interconnection Cable Reduction | Per Request | NRFYE | | \$2,441.33 |
| 424 | Remove VF/DS0 Cable | Per linear foot | NRFYF | | \$2.60 |
| 425 | Remove DS1 Cable | Per linear foot | NRFYG | | \$4.89 |
| 426 | Remove DS3 Cable (Coax) | Per linear foot | NRFYH | | \$3.57 |
| 427 | Remove Fiber Cables | Per linear foot | NRFYJ | | \$14.43 |
| 428 | Remove Fiber Jumpers | Per linear foot | NRFYK | | \$18.79 |

| | A | B | C | D | E | F |
|----|-------------------------|---|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 2 | NETWORK ELEMENTS | | | | | |
| 3 | Local Loops | Disconnect Loop from inside wiring, per NID | NRBND | N/A | \$71.45 | \$35.70 |
| 4 | | 2-Wire Analog Zone 1 (Urban STL, KC) | U21 | \$12.71 | \$26.07 | \$11.09 |
| 5 | | 2-Wire Analog Zone 2 (Suburban) | U21 | \$20.71 | \$26.07 | \$11.09 |
| 6 | | 2-Wire Analog Zone 3 (Rural) | U21 | \$33.29 | \$26.07 | \$11.09 |
| 7 | | 2-Wire Analog Zone 4 (Urban Springfield) | U21 | \$18.23 | \$26.07 | \$11.09 |
| 8 | | Conditioning for dB loss from 8db to 5db | UL2 | \$6.63 | \$22.76 | \$8.58 |
| 9 | | 4-Wire Analog Zone 1 (Urban STL, KC) | U4H | \$19.79 | \$28.77 | \$11.09 |
| 10 | | 4-Wire Analog Zone 2 (Suburban) | U4H | \$35.35 | \$28.77 | \$11.09 |
| 11 | | 4-Wire Analog Zone 3 (Rural) | U4H | \$61.16 | \$28.77 | \$11.09 |
| 12 | | 4-Wire Analog Zone 4 (Urban Springfield) | U4H | \$30.08 | \$28.77 | \$11.09 |
| 13 | | 2-Wire Digital Zone 1 (Urban STL, KC) | U2Q | \$25.79 | \$57.77 | \$30.22 |
| 14 | | 2-Wire Digital Zone 2 (Suburban) | U2Q | \$42.10 | \$57.77 | \$30.22 |
| 15 | | 2-Wire Digital Zone 3 (Rural) | U2Q | \$58.44 | \$57.77 | \$30.22 |
| 16 | | 2-Wire Digital Zone 4 (Urban Springfield) | U2Q | \$41.44 | \$57.77 | \$30.22 |
| 17 | | 4-Wire Digital Zone 1 (Urban STL, KC) | U4D1X | \$101.18 | \$136.63 | \$53.94 |
| 18 | | 4-Wire Digital Zone 2 (Suburban) | U4D1X | \$106.06 | \$136.63 | \$53.94 |
| 19 | | 4-Wire Digital Zone 3 (Rural) | U4D1X | \$107.89 | \$136.63 | \$53.94 |
| 20 | | 4-Wire Digital Zone 4 (Urban Springfield) | U4D1X | \$101.39 | \$136.63 | \$53.94 |
| 21 | | DS3 Loop Zone 1 (Urban STL, KS) | U4D3X | \$819.86 | \$845.75 | \$375.03 |
| 22 | | DS3 Loop Zone 2 (Suburban) | U4D3X | \$1,122.13 | \$845.75 | \$375.03 |
| 23 | | DS3 Loop Zone 3 (Rural) | U4D3X | \$1,176.81 | \$845.75 | \$375.03 |
| 24 | | DS3 Loop Zone 4 (Urban Springfield) | U4D3X | \$1,127.98 | \$845.75 | \$375.03 |
| 25 | | | | | | |
| 26 | DSL Capable Loops | | | | | |
| 27 | 2-Wire xDSL Loop | *PSD #1 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 2SLAX | \$12.71 | \$26.07 | \$11.09 |
| 28 | | *PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban) | 2SLAX | \$20.71 | \$26.07 | \$11.09 |
| 29 | | *PSD #1 - 2-Wire xDSL Loop - Zone 3 (Rural) | 2SLAX | \$33.29 | \$26.07 | \$11.09 |
| 30 | | *PSD #1 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | 2SLAX | \$18.23 | \$26.07 | \$11.09 |
| 31 | | *PSD #2 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 2SLCX | \$12.71 | \$26.07 | \$11.09 |
| 32 | | *PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban) | 2SLCX | \$20.71 | \$26.07 | \$11.09 |
| 33 | | *PSD #2 - 2-Wire xDSL Loop - Zone 3 (Rural) | 2SLCX | \$33.29 | \$26.07 | \$11.09 |
| 34 | | *PSD #2 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | 2SLCX | \$18.23 | \$26.07 | \$11.09 |
| 35 | | *PSD #3 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 2SLBX | \$12.71 | \$26.07 | \$11.09 |
| 36 | | *PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban) | 2SLBX | \$20.71 | \$26.07 | \$11.09 |
| 37 | | *PSD #3 - 2-Wire xDSL Loop - Zone 3 (Rural) | 2SLBX | \$33.29 | \$26.07 | \$11.09 |
| 38 | | *PSD #3 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | 2SLBX | \$18.23 | \$26.07 | \$11.09 |
| 39 | | *PSD #4 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 2SLDX | \$12.71 | \$26.07 | \$11.09 |
| 40 | | *PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban) | 2SLDX | \$20.71 | \$26.07 | \$11.09 |
| 41 | | *PSD #4 - 2-Wire xDSL Loop - Zone 3 (Rural) | 2SLDX | \$33.29 | \$26.07 | \$11.09 |
| 42 | | *PSD #4 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | 2SLDX | \$18.23 | \$26.07 | \$11.09 |
| 43 | | *PSD #5 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | U2F | \$12.71 | \$26.07 | \$11.09 |
| 44 | | *PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban) | U2F | \$20.71 | \$26.07 | \$11.09 |
| 45 | | *PSD #5 - 2-Wire xDSL Loop - Zone 3 (Rural) | U2F | \$33.29 | \$26.07 | \$11.09 |
| 46 | | *PSD #5 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | U2F | \$18.23 | \$26.07 | \$11.09 |
| 47 | | *PSD #7 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 2SLFX | \$12.71 | \$26.07 | \$11.09 |
| 48 | | *PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban) | 2SLFX | \$20.71 | \$26.07 | \$11.09 |
| 49 | | *PSD #7 - 2-Wire xDSL Loop - Zone 3 (Rural) | 2SLFX | \$33.29 | \$26.07 | \$11.09 |
| 50 | | *PSD #7 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield) | 2SLFX | \$18.23 | \$26.07 | \$11.09 |
| 51 | 4-Wire xDSL Loop | *PSD #3 - 4-Wire xDSL Loop - Zone 1 (Urban STL, KS) | 4SL1X | \$19.79 | \$28.77 | \$11.09 |
| 52 | | *PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban) | 4SL1X | \$35.35 | \$28.77 | \$11.09 |
| 53 | | *PSD #3 - 4-Wire xDSL Loop - Zone 3 (Rural) | 4SL1X | \$61.16 | \$28.77 | \$11.09 |

| | A | B | C | D | E | F |
|----|---|--|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 54 | | *PSD #3 - 4-Wire xDSL Loop - Zone 4 (Urban Springfield) | 4SL1X | \$30.08 | \$28.77 | \$11.09 |
| 55 | | * USOCS used for inventory purpose only | | | | |
| 56 | | | | | | |
| 57 | | | | | | |
| 58 | IDSL Capable Loops | IDSL Loop Zone 1 (Rural) | UY5FX | \$25.79 | \$55.77 | \$30.22 |
| 59 | | IDSL Loop Zone 2 (Suburban) | UY5FX | \$42.10 | \$55.77 | \$30.22 |
| 60 | | IDSL Loop Zone 3 (Urban) | UY5FX | \$58.44 | \$55.77 | \$30.22 |
| 61 | | IDSL Loop Zone 4 (Urban Springfield) | UY5FX | \$41.44 | \$55.77 | \$30.22 |
| 62 | | | | | | |
| 63 | Loop Qualification Process | Loop Qualification Process - Mechanized | NR98U | N/A | \$0.00 | N/A |
| 64 | | Loop Qualification Process - Manual | NRBXU | N/A | \$84.15 | N/A |
| 65 | | | | | | |
| 66 | DSL Conditioning Options | Removal of Repeaters | NRBXV | N/A | \$289.51 | \$13.74 |
| 67 | | Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable) | NRBNL | N/A | \$358.31 | \$17.14 |
| 68 | | Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable) | NRBNP | N/A | \$141.23 | \$17.14 |
| 69 | | Removal of Excessive Bridged Taps and Repeaters | NRBXH | N/A | \$727.20 | \$48.09 |
| 70 | | Incremental Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/same cable) | NRBTU | N/A | \$626.25 | \$32.62 |
| 71 | | Incremental Additional Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/different cable) | NRBTW | N/A | \$240.09 | \$32.62 |
| 72 | | Removal of Excessive Bridged Taps | NRBXW | N/A | \$484.19 | \$24.24 |
| 73 | | Incremental Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/same cable) | NRBNK | N/A | \$299.64 | \$15.47 |
| 74 | | Incremental Additional Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/different cable) | NRBNN | N/A | \$98.86 | \$15.47 |
| 75 | | Removal of Excessive Bridged Taps and Load Coils | NRBXF | N/A | \$727.20 | \$53.96 |
| 76 | | Incremental Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/same Cable) | NRBM8 | N/A | \$609.70 | \$23.11 |
| 77 | | Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/different Cable) | NRBM9 | N/A | \$238.13 | \$23.11 |
| 78 | | Removal of Load Coils | NRBXZ | N/A | \$727.20 | \$18.18 |
| 79 | | Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable) | NRBNJ | N/A | \$329.12 | \$7.30 |
| 80 | | Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable) | NRBNH | N/A | \$139.27 | \$7.30 |
| 81 | | | | | | |
| 82 | Removal of All Bridged Tap (RABT) - MMP | Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft. | NRMRJ | N/A | \$338.64 | \$0.00 |
| 83 | | Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft. | NRMRP | N/A | \$876.63 | \$0.00 |
| 84 | | Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental | NRMRS | N/A | \$338.64 | \$338.64 |
| 85 | | Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental | NRMRM | N/A | \$338.64 | \$338.64 |
| 86 | | | | | | |
| 87 | DSL Cross Connects | DSL Shielded Loop to Collocation | UXRRX | \$0.80 | \$19.96 | \$12.69 |
| 88 | | 2-Wire DSL Non-Shielded Cross Connect to Collocation | UCX92 | \$0.31 | \$19.96 | \$12.69 |
| 89 | | 4-Wire DSL Non-Shielded Cross Connect to Collocation | UCX94 | \$0.31 | \$19.96 | \$12.69 |
| 90 | | | | | | |
| 91 | LST | LST performed on CODSLAM Loop | URCLD | N/A | \$234.50 | N/A |
| 92 | | | | | | |
| 93 | Loop Cross Connects | 2-Wire Analog Loop to Collocation | UCXC2 | \$2.10 | \$136.40 | \$112.75 |
| 94 | | 2-Wire Analog Loop to Collocation (without testing) | UCXD2 | \$0.31 | \$19.96 | \$12.69 |
| 95 | | 4-Wire Analog Loop to Collocation | UCXC4 | \$4.20 | \$142.25 | \$118.60 |

| | A | B | C | D | E | F |
|-----|---|---|-------------------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 96 | | 4-Wire Analog Loop to Collocation (without testing) | UCXD4 | \$0.63 | \$25.38 | \$17.73 |
| 97 | | 2-Wire Digital Loop to Collocation | DXZLD | \$2.10 | \$136.40 | \$112.75 |
| 98 | | 2-Wire Digital Loop to Collocation (without testing) | DXZLJ | \$0.31 | \$19.96 | \$12.69 |
| 99 | | 4-Wire Digital Loop (DS1 Loop Cross-Connect) | UCXHX | \$11.30 | \$229.05 | \$225.05 |
| 100 | | 4-Wire Digital Loop (DS1 Loop Cross-Connect) -without testing | UDLD4 | \$0.00 | \$29.04 | \$28.57 |
| 101 | | DS1 Loop to Multiplexer with testing (EEL) | UCXHX | \$15.34 | \$89.17 | \$70.91 |
| 102 | | DS1 Loop to Multiplexer (EEL)-Disconnect | NKCTD | N/A | \$14.16 | \$11.65 |
| 103 | | 2-Wire Analog to Mux (EEL) | UCXM2 | \$4.00 | \$120.82 | \$106.04 |
| 104 | | 4-Wire Analog to Mux (EEL) | UCXM4 | \$5.57 | \$139.87 | \$126.20 |
| 105 | | 2-Wire Digital Loop to Mux (EEL) | UCXS2 | \$6.27 | \$120.82 | \$106.04 |
| 106 | | DS3 C.O. Cross Connect to Collocation | UCXBX | \$29.11 | \$153.36 | \$109.14 |
| 107 | | | | | | |
| 108 | Cross Connects to Point of Access (POA) | 2-Wire Analog Loop to POA - Method 1 | UXRA1 | \$1.15 | \$88.25 | \$72.50 |
| 109 | | 2-Wire Analog Loop to POA - Method 2 | UXRA2 | \$1.20 | \$88.25 | \$72.50 |
| 110 | | 2-Wire Analog Loop to POA - Method 3 | UXRA3 | \$1.20 | \$88.25 | \$72.50 |
| 111 | | 4-Wire Analog Loop to POA - Method 1 | UXRB1 | \$1.55 | \$102.60 | \$88.00 |
| 112 | | 4-Wire Analog Loop to POA - Method 2 | UXRB2 | \$1.60 | \$102.60 | \$88.00 |
| 113 | | 4-Wire Analog Loop to POA - Method 3 | UXRB3 | \$1.60 | \$102.60 | \$88.00 |
| 114 | | 2-Wire Digital Loop to POA - Method 1 | UXRC1 | \$1.15 | \$88.25 | \$72.50 |
| 115 | | 2-Wire Digital Loop to POA - Method 2 | UXRC2 | \$1.20 | \$88.25 | \$72.50 |
| 116 | | 2-Wire Digital Loop to POA - Method 3 | UXRC3 | \$1.20 | \$88.25 | \$72.50 |
| 117 | | 4-Wire Digital Loop to POA - Method 1 | UXRD1 | \$1.55 | \$147.90 | \$101.15 |
| 118 | | 4-Wire Digital Loop to POA - Method 2 | UXRD2 | \$1.60 | \$147.90 | \$101.15 |
| 119 | | 4-Wire Digital Loop to POA - Method 3 | UXRD3 | \$1.60 | \$147.90 | \$101.15 |
| 120 | | Dedicated Transport to POA: DS1 - Method 1 | UXRQ1 | \$12.30 | N/A | N/A |
| 121 | | Dedicated Transport to POA: DS1 - Method 2 | UXRQ2 | \$12.35 | N/A | N/A |
| 122 | | Dedicated Transport to POA: DS1 - Method 3 | UXRQ3 | \$12.35 | N/A | N/A |
| 123 | | Dedicated Transport to POA: DS3 - Method 1 | under development | ICB | ICB | ICB |
| 124 | | Dedicated Transport to POA: DS3 - Method 2 | under development | ICB | ICB | ICB |
| 125 | | Dedicated Transport to POA: DS3 - Method 3 | under development | ICB | ICB | ICB |
| 126 | Dedicated Transport (DT) | DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) | ULNHS | \$111.45 | \$455.35 | \$291.05 |
| 127 | | DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) | ULNHS | \$151.55 | \$455.35 | \$291.05 |
| 128 | | DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural) | ULNHS | \$279.30 | \$455.35 | \$291.05 |
| 129 | | DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) | ULNHS | \$111.45 | \$455.35 | \$291.05 |
| 130 | | DT-DS1 Interoffice Transport, First Mile - Interzone | ULNHS | \$200.10 | \$455.35 | \$291.05 |
| 131 | | DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) | ULNHS | \$3.10 | N/A | N/A |
| 132 | | DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) | ULNHS | \$8.75 | N/A | N/A |
| 133 | | DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) | ULNHS | \$14.55 | N/A | N/A |
| 134 | | DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) | ULNHS | \$3.10 | N/A | N/A |
| 135 | | DT-DS1 Interoffice Transport, Each Additional Mile - Interzone | ULNHS | \$4.80 | N/A | N/A |
| 136 | | DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) | ULNJS | \$1,389.45 | \$490.35 | \$332.75 |
| 137 | | DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) | ULNJS | \$2,783.40 | \$490.35 | \$332.75 |
| 138 | | DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural) | ULNJS | \$3,384.95 | \$490.35 | \$332.75 |
| 139 | | DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) | ULNJS | \$1,389.45 | \$490.35 | \$332.75 |
| 140 | | DT-DS3 Interoffice Transport, First Mile - Interzone | ULNJS | \$3,288.30 | \$490.35 | \$332.75 |
| 141 | | DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) | ULNJS | \$81.80 | N/A | N/A |
| 142 | | DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) | ULNJS | \$304.75 | N/A | N/A |
| 143 | | DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) | ULNJS | \$312.90 | N/A | N/A |

| | A | B | C | D | E | F |
|-----|-----------------------------------|---|----------------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 144 | | DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) | ULNJS | \$81.80 | N/A | N/A |
| 145 | | DT-DS3 Interoffice Transport, Each Additional Mile - Interzone | ULNJS | \$124.45 | N/A | N/A |
| 146 | | | | | | |
| 147 | Dedicated Transport Cross Connect | DS1 to Collocation | DXZTA | \$15.34 | \$96.88 | \$64.71 |
| 148 | | DS1 to Collocation - Disconnect | NKCTE | N/A | \$22.94 | \$64.71 |
| 149 | | DS3 to Collocation | UCXJX | \$39.55 | \$156.25 | \$109.50 |
| 150 | | | | | | |
| 151 | Multiplexing | DS1 to VG | UM4BX | \$199.60 | \$29.85 | \$17.90 |
| 152 | | DS3 to DS1 | UM4AX | \$712.05 | \$980.20 | \$924.15 |
| 153 | | | | | | |
| 154 | Dark Fiber | Dark Fiber -Interoffice per strand | ULYCX | \$53.80 | \$1,653.68 | \$1,653.68 |
| 155 | | Dark Fiber - Interoffice per foot Zone 1(Urban STL, KS) | ULNCF | \$0.001250 | N/A | N/A |
| 156 | | Dark Fiber - Interoffice per foot Zone 2 (Suburban) | ULNCF | \$0.004020 | N/A | N/A |
| 157 | | Dark Fiber - Interoffice per foot Zone 3 (Rural) | ULNCF | \$0.007790 | N/A | N/A |
| 158 | | Dark Fiber - Interoffice per foot Zone 4 Urban (Springfield) | ULNCF | \$0.001280 | N/A | N/A |
| 159 | | Dark Fiber Cross Connect - Interoffice | UKCJX | \$6.87 | \$81.04 | \$81.04 |
| 160 | | Dark Fiber - Interoffice Inquiry | NR9D6 | N/A | \$580.11 | \$580.11 |
| 161 | | | | | | |
| 162 | Routine Modifications | Routine Modifications of Existing Facilities | N3RUE | N/A | ICB | N/A |
| 163 | | | | | | |
| 164 | 800 Database | Toll Free Database Query | Not Applicable | \$0.000445 | N/A | N/A |
| 165 | | Call Handling and Destination | Not Applicable | \$0.000054 | N/A | N/A |
| 166 | | | | | | |
| 167 | Entrance Facilities | | | | | |
| 168 | DS1 | Zone 1 - Install | | \$78.39 | \$261.35 | \$127.19 |
| 169 | | Zone 1 - Disconnect | | | \$118.42 | \$17.34 |
| 170 | | Zone 2- Install | | \$80.10 | \$261.35 | \$127.19 |
| 171 | | Zone 2- Disconnect | | | \$118.42 | \$17.34 |
| 172 | | Zone 3 - Install | | \$83.30 | \$261.35 | \$127.19 |
| 173 | | Zone 3 - Disconnect | | | \$118.42 | \$17.34 |
| 174 | | Zone 4 - Install | | \$78.70 | \$261.35 | \$127.19 |
| 175 | | Zone 4 - Disconnect | | | \$118.42 | \$17.34 |
| 176 | DS3 | Zone 1 - Install | | \$180.48 | \$256.36 | \$92.36 |
| 177 | | Zone 1 - Disconnect | | | \$141.40 | \$35.07 |
| 178 | | Zone 2 - Install | | \$198.10 | \$256.36 | \$92.36 |
| 179 | | Zone 2 - Disconnect | | | \$141.40 | \$35.07 |
| 180 | | Zone 3 - Install | | \$287.97 | \$256.36 | \$92.36 |
| 181 | | Zone 3 - Disconnect | | | \$141.40 | \$35.07 |
| 182 | | Zone 4 - Install | | \$181.54 | \$256.36 | \$92.36 |
| 183 | | Zone 4 - Disconnect | | | \$141.40 | \$35.06 |
| 184 | | | | | | |
| 185 | Service Order Charges | Manual New - Simple | NRBUQ | N/A | \$69.70 | N/A |
| 186 | | Manual Change - Simple | NRBUO | N/A | \$67.25 | N/A |
| 187 | | Manual Record - Simple | NRBUU | N/A | \$41.60 | N/A |
| 188 | | Manual Disconnect - Simple | NRBUW | N/A | \$34.90 | N/A |
| 189 | | Manual Expedited - Simple | NRMV1 | N/A | \$69.70 | N/A |
| 190 | | Manual Customer Not Ready - Simple | NRMV5 | N/A | \$69.70 | N/A |
| 191 | | Manual Due Date Change or Cancellation - Simple | NRMV3 | N/A | \$69.70 | N/A |
| 192 | | Manual New - Complex | NRBUR | N/A | \$285.20 | N/A |
| 193 | | Manual Change - Complex | NRBUP | N/A | \$158.55 | N/A |
| 194 | | Manual Record - Complex | NRBUV | N/A | \$132.85 | N/A |
| 195 | | Manual Disconnect - Complex | NRBUX | N/A | \$76.20 | N/A |

| | A | B | C | D | E | F |
|-----|----------------------|--|----------------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 196 | | Manual Expedited - Complex | NRMV2 | N/A | \$285.20 | N/A |
| 197 | | Manual Customer Not Ready - Complex | NRMV6 | N/A | \$285.20 | N/A |
| 198 | | Manual Due Date Change or Cancellation - Complex | NRMV4 | N/A | \$285.20 | N/A |
| 199 | | Electronic New - Simple | NR9W2 | N/A | \$5.00 | N/A |
| 200 | | Electronic New - Complex | NRBAW | N/A | \$5.00 | N/A |
| 201 | | Electronic Change - Simple | NR9GG | N/A | \$5.00 | N/A |
| 202 | | Electronic Change - Complex | NR9G8 | N/A | \$5.00 | N/A |
| 203 | | Electronic Record - Simple | NR9GU | N/A | \$5.00 | N/A |
| 204 | | Electronic Record - Complex | NR9G7 | N/A | \$5.00 | N/A |
| 205 | | Electronic Disconnect - Simple | NR9GZ | N/A | \$5.00 | N/A |
| 206 | | Electronic Disconnect - Complex | NR9G9 | N/A | \$5.00 | N/A |
| 207 | | Electronic Expedited - Simple | NRMV7 | N/A | \$5.00 | N/A |
| 208 | | Electronic Expedited - Complex | NRMVX | N/A | \$5.00 | N/A |
| 209 | | Electronic Customer Not Ready - Simple | NRMV9 | N/A | \$5.00 | N/A |
| 210 | | Electronic Customer Not Ready - Complex | NRMVY | N/A | \$5.00 | N/A |
| 211 | | Electronic Due Date Change or Cancellation - Simple | NRMV8 | N/A | \$5.00 | N/A |
| 212 | | Electronic Due Date Change or Cancellation - Complex | NRMVZ | N/A | \$5.00 | N/A |
| 213 | | PIC Change Charge | NRBL9 | N/A | \$5.00 | N/A |
| 214 | OTHER | | | | | N/A |
| 215 | Directory Assistance | Directory Assistance (DA) - per call | ZZUO3/ZZUO4 | \$0.40 | N/A | N/A |
| 216 | | Directory Assistance Call Completion (DACC) - per call | ZZUO7 | \$0.15 | N/A | N/A |
| 217 | | National Directory Assistance (NDA) | ZZUO5/ZZUO6 | \$0.65 | N/A | N/A |
| 218 | | Directory Assistance Non-Pub Emergency Service | Not Applicable | \$2.00 | N/A | N/A |
| 219 | | Directory Assistance - Branding - Initial/Subsequent Load | NRBDG | N/A | \$1,800.00 | \$1,800.00 |
| 220 | | Directory Assistance - Branding Per call | ZZUCB | \$0.03 | N/A | N/A |
| 221 | | Directory Assistance - Rate Reference Initial Load | NRBDL | N/A | \$5,000.00 | N/A |
| 222 | | Directory Assistance - Rate Reference Subsequent Load | NRBDM | N/A | \$1,500.00 | N/A |
| 223 | | Directory Assistance Listings (DAL)-Initial Load, per listing | Not Applicable | \$0.0585 | NA | N/A |
| 224 | | Directory Assistance Listings (DAL)-Update, per listing | Not Applicable | \$0.0585 | NA | N/A |
| 225 | | Directory Assistance Listings (DAL)-Non-Pub Emergency Message Service | Not Applicable | \$2.10 | N/A | N/A |
| 226 | | Business Category Search (BCS) | ZZUOB | \$0.65 | N/A | N/A |
| 227 | | Reverse Directory Assistance (RDA) | ZZUO8/ZZUO9 | \$0.65 | N/A | N/A |
| 228 | | | | | | |
| 229 | Operator Services | Operated Services - Fully Automated Call Processing (Per completed automated call) | ZZUO1 | \$0.15 | N/A | N/A |
| 230 | | Operator Services - Operator Assisted Call Processing (Per work second) | ZZUO2 | \$0.03 | N/A | N/A |
| 231 | | Operator Services - Branding Initial/Subsequent Load | NRBDG | N/A | \$1,800.00 | \$1,800.00 |
| 232 | | Operator Services - Branding Per call | ZZUCB | \$0.03 | N/A | N/A |
| 233 | | Operator Services - Rate Reference - Initial | NRBDL | N/A | \$5,000.00 | N/A |
| 234 | | Operator Services - Rate Reference - Subsequent Load | NRBDM | NA | \$1,500.00 | N/A |
| 235 | Emergency Services | For each DS0 E911 Trunk Terminated | | \$58.00 | \$170.00 | \$170.00 |
| 236 | | | | | | |
| 237 | | | | | | |
| 238 | Miscellaneous | NXX Migration - Migration Charge per NXX | Not Applicable | N/A | \$10,000.00 | N/A |
| 239 | | Provision of Message Detail a.k.a. Daily Usage File (DUF) | ASBS | \$0.00 | N/A | N/A |
| 240 | | | | | | |
| 241 | BCR | Per interstate local message | Not Applicable | \$0.05 | N/A | N/A |
| 242 | | Per local message | Not Applicable | \$0.08 | N/A | N/A |
| 243 | | | | | | |
| 244 | Clearinghouse | CH processing charge for service - per originated CH record | Not Applicable | \$0.02 | N/A | N/A |
| 245 | | CH billing message - per message | Not Applicable | \$0.05 | N/A | N/A |
| 246 | | | | | | |

| | A | B | C | D | E | F |
|-----|--|---|---------------|------------------------|--|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 247 | Maintenance of Service Charges & Non-Productive Dispatch | Basic Time - per half hour | MVV | N/A | \$42.75 | \$ 34.20 |
| 248 | | Overtime - per half hour | MVV | N/A | \$53.45 | \$ 43.35 |
| 249 | | Premium Time - per half hour | MVV | N/A | \$64.10 | \$ 52.50 |
| 250 | | | | | | |
| 251 | Time and Materials Charges | Basic Time - per half hour | ALK, ALT, ALH | N/A | \$42.75 | \$ 34.20 |
| 252 | | Overtime - per half hour | ALK, ALT, ALH | N/A | \$53.45 | \$ 43.35 |
| 253 | | Premium Time - per half hour | ALK, ALT, ALH | N/A | \$64.10 | \$ 52.50 |
| 254 | | | | Annual Rates | | |
| 255 | Poles and Duct | Poles (\$/attachment/yr.)* ## | | \$1.82 | | |
| 256 | (Structure) | | | | | |
| 257 | | Per Foot Conduit Occupancy Fees ## | | | | |
| 258 | | Full Duct (\$/ft/yr.) | | \$0.50 | | |
| 259 | | Half Duct (\$/ft/yr) | | \$0.25 | | |
| 260 | | | | | | |
| 261 | | *For (1) each one foot of usable space, or fraction thereof, occupied and (2) each additional one foot of space, or fraction thereof, rendered unusable by the attachment's presence. | | | | |
| 262 | | | | | | |
| 263 | | ## Note: All pole and conduit license fees are for a period of one year from January 1 thru December 31. | | | | |
| 264 | | effective January 1, 2005 and billable semi-annually in advance in January and July of each year. | | | | |
| 265 | | New rates will be communicated to CLEC no later than November 1st for the succeeding year. | | | | |
| 266 | | | | | | |
| 267 | | Contract Administration Fee | | | \$125.00 | |
| 268 | | Administrative Record-Keeping Fee | | | \$125.00 | |
| 269 | | | | | | |
| 270 | | Unauthorized Attachment Fee | | | 5 Times the Annual Rate per Pole | |
| 271 | | Unauthorized Occupancy Fee | | | 5 Times the Annual Rate per Conduit Foot | |
| 272 | | | | | | |
| 273 | INTERCARRIER COMPENSATION | | | | | |
| 274 | | End Office Local Termination - Zone 1 Urban | | | | |
| 275 | | Set up charge, per call | ZZUR8 | \$0.0021640 | N/A | N/A |
| 276 | | Duration charge, per MOU | ZZUR2 | \$0.0013090 | N/A | N/A |
| 277 | | | | | | |
| 278 | | End Office Local Termination - Zone 2 Suburban | | | | |
| 279 | | Set up charge, per call | ZZUR8 | \$0.0026020 | N/A | N/A |
| 280 | | Duration charge, per MOU | ZZUR2 | \$0.0015750 | N/A | N/A |
| 281 | | | | | | |
| 282 | | End Office Local Termination - Zone 3 Rural | | | | |
| 283 | | Set up charge, per call | ZZUR8 | \$0.0037480 | N/A | N/A |
| 284 | | Duration charge, per MOU | ZZUR2 | \$0.0022690 | N/A | N/A |
| 285 | | | | | | |
| 286 | | End Office Local Termination - Zone 4 - Springfield | | | | |
| 287 | | Set up charge, per call | ZZUR8 | \$0.0031930 | N/A | N/A |
| 288 | | Duration charge, per MOU | ZZUR2 | \$0.0019330 | N/A | N/A |
| 289 | | | | | | |
| 290 | | Tandem Switching | | | | |

| | A | B | C | D | E | F |
|-----|-------------------------------|--|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 291 | | Set up charge, per call | Usage | \$0.0027680 | N/A | N/A |
| 292 | | Duration charge, per MOU | ZZUR1 | \$0.0006420 | N/A | N/A |
| 293 | | | | | | |
| 294 | | Common Transport | | | | |
| 295 | | Termination per Minute of Use Zone 1 (Urban STL, KS) | ZZUST | \$0.000190 | N/A | N/A |
| 296 | | Termination per Minute of Use Zone 2 (Suburban) | ZZUST | \$0.000285 | N/A | N/A |
| 297 | | Termination per Minute of Use Zone 3 (Rural) | ZZUST | \$0.000302 | N/A | N/A |
| 298 | | Termination per Minute of Use Zone 4 (Suburban Springfield) | ZZUST | \$0.000162 | N/A | N/A |
| 299 | | Termination per Minute of Use Interzone | ZZURF | \$0.000332 | N/A | N/A |
| 300 | | Facilities per Minute, per Mile Zone 1 (Urban) | ZZURF | \$0.000002 | N/A | N/A |
| 301 | | Facilities per Minute, per Mile Zone 2 (Suburban) | ZZURF | \$0.000007 | N/A | N/A |
| 302 | | Facilities per Minute, per Mile Zone 3 (Rural) | ZZURF | \$0.000015 | N/A | N/A |
| 303 | | Facilities per Minute, per Mile Zone 4 (Suburban Springfield) | ZZURF | \$0.000001 | N/A | N/A |
| 304 | | Facilities per Minute, per Mile Interzone | ZZURF | \$0.000003 | N/A | N/A |
| 305 | | | | | | |
| 306 | | Rate for Presumed ISP-Bound Traffic as per FCC 01-131 | | \$0.0007 | N/A | N/A |
| 307 | | | | | | |
| 308 | | Transit Traffic Compensation | | | | |
| 309 | | Transit Rate per MOU | | \$0.000960 | | |
| 310 | | | | | | |
| 311 | | | | | | |
| 312 | | **The Parties acknowledge and agree that, subject to the terms and conditions stated herein, AT&T Missouri will provide certain | | | | |
| 313 | | arbitrated rates, terms and conditions set forth in the Appendix Pricing UNE, Schedule of Prices, of this Agreement | | | | |
| 314 | | based upon statutes, orders, rules and/or regulations issued by federal and state legislatures, courts, and/or | | | | |
| 315 | | regulatory agencies, specifically including, but not limited to, the Missouri Public Service Commission's Order in the | | | | |
| 316 | | Consolidated Arbitration, Docket Nos. TO-97-40/TO-97-67, TO-98-115. These statutes, orders, rules and regulations | | | | |
| 317 | | are the subject of various current appeals, and subsequent appeals may also be taken from those statutes, orders, | | | | |
| 318 | | rules and regulations. The Parties recognize and agree that, in the event of any amendment of the | | | | |
| 319 | | Telecommunications Act of 1996, or any administrative, regulatory, legislative or judicial order, rule, opinion or other | | | | |
| 320 | | legal action, (collectively, "legal actions") which revises or modifies the Parties' rights and/or obligations pertaining | | | | |
| 321 | | to any matters contained in this Interconnection Agreement ("a subsequent development"), including any action | | | | |
| 322 | | invalidating or modifying the Interconnection Agreement approved in Docket TO-97-67 and TO-98-115, the relevant | | | | |
| 323 | | provisions of this Agreement cited above shall be deemed to be automatically modified, amended or conformed to | | | | |
| 324 | | be consistent with such subsequent development. By executing this document, neither Party is waiving its rights to | | | | |
| 325 | | contest the validity of any law, rule, court or regulatory decision or order or other requirement that specific | | | | |
| 326 | | provisions be contained in this contract, nor is any Party waiving its right to argue in the future that any law, rule, | | | | |
| 327 | | court or regulatory decision or other requirement should be revised, eliminated or modified. In no event shall AT&T Missouri | | | | |
| 328 | | be obligated to provide such rates, terms and conditions beyond the period of time AT&T Missouri is obligated to provide | | | | |
| 329 | | such rates, terms and conditions to the Party who originally arbitrated such provisions. | | | | |
| 330 | | | | | | |
| 331 | Bona Fide Request | Deposit | | | \$2,000.00 | |
| 332 | | | | | | |
| 333 | | | | | | |
| 334 | BUSINESS | | | | | |
| 335 | LOCAL EXCHANGE SERVICE | Business 1 Party | | 19.20% | 19.20% | N/A |
| 336 | | Business - Multi-Line Hunting | | 19.20% | 19.20% | N/A |
| 337 | | Business Measured | | 19.20% | 19.20% | N/A |
| 338 | | Business Measured (HTG Class of Service) | | 19.20% | 19.20% | N/A |
| 339 | | | | | | |
| 340 | EXPANDED LOCAL CALLING | Mandatory EAS | | 19.20% | 19.20% | N/A |
| 341 | | Optional Metropolitan Calling Area | | 19.20% | 19.20% | N/A |
| 342 | | | | | | |

| | A | B | C | D | E | F |
|-----|--------------------------|---|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 343 | VERTICAL SERVICES | Auto Redial | | 19.20% | 19.20% | N/A |
| 344 | | Call Blocker | | 19.20% | 19.20% | N/A |
| 345 | | Call Forwarding | | 19.20% | 19.20% | N/A |
| 346 | | Call Forwarding - Busy Line | | 19.20% | 19.20% | N/A |
| 347 | | Call Forwarding - Busy Line/Don't Answer | | 19.20% | 19.20% | N/A |
| 348 | | Call Forwarding - Don't Answer | | 19.20% | 19.20% | N/A |
| 349 | | Call Return | | 19.20% | 19.20% | N/A |
| 350 | | Call Trace | | 19.20% | 19.20% | N/A |
| 351 | | Call Waiting | | 19.20% | 19.20% | N/A |
| 352 | | Calling Name | | 19.20% | 19.20% | N/A |
| 353 | | Calling Number | | 19.20% | 19.20% | N/A |
| 354 | | ComCall® | | 19.20% | 19.20% | N/A |
| 355 | | Personalized Ring (1 dependent number) | | 19.20% | 19.20% | N/A |
| 356 | | Personalized Ring (2 dependent numbers - 1st number) | | 19.20% | 19.20% | N/A |
| 357 | | Personalized Ring (2 dependent numbers - 2nd number) | | 19.20% | 19.20% | N/A |
| 358 | | Priority Call | | 19.20% | 19.20% | N/A |
| 359 | | Remote Access to Call Forwarding | | 19.20% | 19.20% | N/A |
| 360 | | Selective Call Forwarding | | 19.20% | 19.20% | N/A |
| 361 | | Simultaneous Call Forwarding | | 19.20% | 19.20% | N/A |
| 362 | | Speed Calling 8 | | 19.20% | 19.20% | N/A |
| 363 | | Speed Calling 30 | | 19.20% | 19.20% | N/A |
| 364 | | Three Way Calling | | 19.20% | 19.20% | N/A |
| 365 | | | | | | |
| 366 | DID | DID (First Block of 100 - Category 1) | | 19.20% | 19.20% | N/A |
| 367 | | DID (First Block of 10 - Category 1) | | 19.20% | 19.20% | N/A |
| 368 | | DID (Ea. adl. block of 10 after first 10 - Category 1) | | 19.20% | 19.20% | N/A |
| 369 | | DID (Ea. adl. block of 100 after first 100 - Category 2) | | 19.20% | 19.20% | N/A |
| 370 | | DID (Ea. adl. block of 10 assigned over 1st 100 - Category 2) | | 19.20% | 19.20% | N/A |
| 371 | | DID (with Multifrequency) | | 19.20% | 19.20% | N/A |
| 372 | | DID (with Dual-Tone Multifrequency) | | 19.20% | 19.20% | N/A |
| 373 | | DID (1st 10 Trunks or access lines) | | 19.20% | 19.20% | N/A |
| 374 | | DID (11th thru 50th trunk or network access line) | | 19.20% | 19.20% | N/A |
| 375 | | DID (51st trunk or network access line) | | 19.20% | 19.20% | N/A |
| 376 | | | | | | |
| 377 | TRUNKS | Analog Trunks | | 19.20% | 19.20% | N/A |
| 378 | | Digital Trunks | | 19.20% | 19.20% | N/A |
| 379 | | | | | | |
| 380 | AIN | Area Wide Networking | | 19.20% | 19.20% | N/A |
| 381 | | Disaster Routing Service | | 19.20% | 19.20% | N/A |
| 382 | | Intelligent Redirectsm | | 19.20% | 19.20% | N/A |
| 383 | | Intellinumber | | 19.20% | 19.20% | N/A |
| 384 | | Positive ID | | 19.20% | 19.20% | N/A |
| 385 | | | | | | |
| 386 | OTHER | Bundled Telecommunications Services (e.g., the Works) | | 19.20% | 19.20% | N/A |
| 387 | | Customer Alerting Enablement | | 19.20% | 19.20% | N/A |
| 388 | | Grandfathered Services | | 19.20% | 19.20% | N/A |
| 389 | | Hot Line | | 19.20% | 19.20% | N/A |
| 390 | | Hunting | | 19.20% | 19.20% | N/A |
| 391 | | Local Operator Assistance Service | | 13.91% | 13.91% | N/A |
| 392 | | Night Number associated with Telephone Number | | 19.20% | 19.20% | N/A |
| 393 | | Night Number associated with a Terminal | | 19.20% | 19.20% | N/A |
| 394 | | Promotions (Greater than 90 days) | | 19.20% | 19.20% | N/A |

| | A | B | C | D | E | F |
|-----|------------------------------------|---|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 395 | | Preferred Number Service | | 19.20% | 19.20% | N/A |
| 396 | | Telebranch® | | 19.20% | 19.20% | N/A |
| 397 | | TouchTone | | 19.20% | 19.20% | N/A |
| 398 | | Voice Dial | | 19.20% | 19.20% | N/A |
| 399 | | Warm Line | | 19.20% | 19.20% | N/A |
| 400 | | | | | | |
| 401 | Data Services | Gigabit Ethernet Metropolitan Area Network (GigaMAN) | | 19.20% | 19.20% | N/A |
| 402 | | PBX Trunks | | 19.20% | 19.20% | N/A |
| 403 | | Multi-Service Optical Network (MON) | | 19.20% | 19.20% | N/A |
| 404 | | OCn-PTP | | 19.20% | 19.20% | N/A |
| 405 | | DS3 | | 19.20% | 19.20% | N/A |
| 406 | | | | | | |
| 407 | ISDN | Digilinesm (ISDN BRI) | | 19.20% | 19.20% | N/A |
| 408 | | Select Video Plus® | | 19.20% | 19.20% | N/A |
| 409 | | Smart Trunksm (ISDN PRI) | | 19.20% | 19.20% | N/A |
| 410 | | SuperTrunk | | 19.20% | 19.20% | N/A |
| 411 | | | | | | |
| 412 | TOLL | IntraLATA MTS | | 19.20% | 19.20% | N/A |
| 413 | | MaxiMizer 800® | | 19.20% | 19.20% | N/A |
| 414 | | OutWATS | | 19.20% | 19.20% | N/A |
| 415 | | 800 Service | | 19.20% | 19.20% | N/A |
| 416 | | | | | | |
| 417 | OPTIONAL TOLL CALLING PLANS | 1+ SAVERsm | | 19.20% | 19.20% | N/A |
| 418 | | 1+SAVER Direct | | 19.20% | 19.20% | N/A |
| 419 | | Community Optional Saver | | 19.20% | 19.20% | N/A |
| 420 | | Outstate Calling Area Service | | 19.20% | 19.20% | N/A |
| 421 | | | | | | |
| 422 | PLEXAR® | Plexar I® | | 19.20% | 19.20% | N/A |
| 423 | | Plexar II® | | 19.20% | 19.20% | N/A |
| 424 | | Plexar Custom® | | 19.20% | 19.20% | N/A |
| 425 | | | | | | |
| 426 | PRIVATE LINE | Analog Private Lines | | 19.20% | 19.20% | N/A |
| 427 | | Business Video Service | | 19.20% | 19.20% | N/A |
| 428 | | Digital Loop Service | | 19.20% | 19.20% | N/A |
| 429 | | DOVLink | | 19.20% | 19.20% | N/A |
| 430 | | Foreign Exchange Service | | 19.20% | 19.20% | N/A |
| 431 | | Foreign Serving Office | | 19.20% | 19.20% | N/A |
| 432 | | Frame Relay | | 19.20% | 19.20% | N/A |
| 433 | | Group Alerting Services | | 19.20% | 19.20% | N/A |
| 434 | | MegaLink II® | | 19.20% | 19.20% | N/A |
| 435 | | MegaLink III® | | 19.20% | 19.20% | N/A |
| 436 | | MicroLink I® | | 19.20% | 19.20% | N/A |
| 437 | | MicroLink II® | | 19.20% | 19.20% | N/A |
| 438 | | MultiPoint Video | | 19.20% | 19.20% | N/A |
| 439 | | Service Loop Facility Modification Service | | 19.20% | 19.20% | N/A |
| 440 | | | | | | |
| 441 | RESIDENCE | | | | | |
| 442 | LOCAL EXCHANGE SERVICE | Life Line and Link Up America Services | | 19.20% | 19.20% | N/A |
| 443 | | Residence 1 Party | | 19.20% | 19.20% | N/A |
| 444 | | Residence Measured | | 19.20% | 19.20% | N/A |
| 445 | | | | | | |
| 446 | EXPANDED LOCAL CALLING | Mandatory EAS | | 19.20% | 19.20% | N/A |

| | A | B | C | D | E | F |
|-----|---|--|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 447 | | Optional Metropolitan Calling Area | | 19.20% | 19.20% | N/A |
| 448 | | | | | | |
| 449 | VERTICAL SERVICES | Auto Redial | | 19.20% | 19.20% | N/A |
| 450 | | Call Blocker | | 19.20% | 19.20% | N/A |
| 451 | | Call Forwarding | | 19.20% | 19.20% | N/A |
| 452 | | Call Forwarding - Busy Line | | 19.20% | 19.20% | N/A |
| 453 | | Call Forwarding - Busy Line/Don't Answer | | 19.20% | 19.20% | N/A |
| 454 | | Call Forwarding - Don't Answer | | 19.20% | 19.20% | N/A |
| 455 | | Call Return | | 19.20% | 19.20% | N/A |
| 456 | | Call Trace | | 19.20% | 19.20% | N/A |
| 457 | | Call Waiting | | 19.20% | 19.20% | N/A |
| 458 | | Calling Name | | 19.20% | 19.20% | N/A |
| 459 | | Calling Number | | 19.20% | 19.20% | N/A |
| 460 | | ComCall® | | 19.20% | 19.20% | N/A |
| 461 | | Personalized Ring (1 dependent number) | | 19.20% | 19.20% | N/A |
| 462 | | Personalized Ring (2 dependent numbers - 1st number) | | 19.20% | 19.20% | N/A |
| 463 | | Personalized Ring (2 dependent numbers - 2nd number) | | 19.20% | 19.20% | N/A |
| 464 | | Priority Call | | 19.20% | 19.20% | N/A |
| 465 | | Remote Access to Call Forwarding | | 19.20% | 19.20% | N/A |
| 466 | | Selective Call Forwarding | | 19.20% | 19.20% | N/A |
| 467 | | Simultaneous Call Forwarding | | 19.20% | 19.20% | N/A |
| 468 | | Speed Calling 8 | | 19.20% | 19.20% | N/A |
| 469 | | Three Way Calling | | 19.20% | 19.20% | N/A |
| 470 | | | | | | |
| 471 | ISDN | Digiline | | 19.20% | 19.20% | N/A |
| 472 | | | | | | |
| 473 | OTHER | Bundled Telecommunications Services (e.g., the works) | | 19.20% | 19.20% | N/A |
| 474 | | Customer Alerting Enablement | | 19.20% | 19.20% | N/A |
| 475 | | Grandfathered Services | | 19.20% | 19.20% | N/A |
| 476 | | Hot Line | | 19.20% | 19.20% | N/A |
| 477 | | Promotions (Greater than 90 days) | | 19.20% | 19.20% | N/A |
| 478 | | Preferred Number Service | | 19.20% | 19.20% | N/A |
| 479 | | TouchTone | | 19.20% | 19.20% | N/A |
| 480 | | Voice Dial | | 19.20% | 19.20% | N/A |
| 481 | | Warm Line | | 19.20% | 19.20% | N/A |
| 482 | | | | | | |
| 483 | OTHER (Resale) | | | | | |
| 484 | Directory Assistance / Operator Services | Directory Assistance Services | | 19.20% | N/A | N/A |
| 485 | | Local Operator Assistance Service | | 19.20% | N/A | N/A |
| 486 | | | | | | |
| 487 | OS/DA Automated Call Greeting and References / Rates | Branding - Other - Initial/Subsequent Load, per switch | NRBDG | N/A | \$1,800.00 | \$1,800.00 |
| 488 | | Brand and Reference/Rate Look Up, per OS/DA call | ZZUCB | \$0.03 | N/A | N/A |
| 489 | | Rate Reference Initial Load, per state, per OCN | NRBDL | N/A | \$5,000.00 | N/A |
| 490 | | Rate Reference Subsequent Load, per state, per OCN | NRBDM | N/A | N/A | \$1,500.00 |
| 491 | | | | | | |
| 492 | TOLL | Home 800sm | | 19.20% | 19.20% | N/A |
| 493 | | IntraLATA MTS | | 19.20% | 19.20% | N/A |
| 494 | | | | | | N/A |
| 495 | | | | | | N/A |
| 496 | OPTIONAL TOLL CALLING PLANS | 1+ SAVERsm | | 19.20% | 19.20% | N/A |
| 497 | | 1+SAVER Direct | | 19.20% | 19.20% | N/A |

| | A | B | C | D | E | F |
|-----|---------|--|-------|------------------------|----------------------------|-------------------------------|
| 1 | Service | Rate Elements | USOCs | Monthly Recurring Rate | Non-Recurring Rate Initial | Non-Recurring Rate Additional |
| 498 | | Community Optional Saver | | 19.20% | 19.20% | N/A |
| 499 | | Outstate Calling Area Service | | 19.20% | 19.20% | N/A |
| 500 | | 900 Call Restriction | | 19.20% | 19.20% | N/A |
| 501 | | Access Services | | 0% | 0% | N/A |
| 502 | | Additional Directory Listings | | 19.20% | 19.20% | N/A |
| 503 | | Bill Plus | | 5% | 5% | N/A |
| 504 | | Company Initiated Suspension Service | | 0% | 0% | N/A |
| 505 | | Directory Assistance Services | | 13.91% | 13.91% | N/A |
| 506 | | Connections with Terminal Equipment and Communications Equipment | | 0% | 0% | N/A |
| 507 | | Consolidated Billing | | 5% | 5% | N/A |
| 508 | | Construction Charges | | 0% | 0% | N/A |
| 509 | | Customer Initiated Suspension Service | | 0% | 0% | N/A |
| 510 | | Exchange Interconnection Service | | 0% | 0% | N/A |
| 511 | | Operator Services | | 13.91% | 13.91% | N/A |
| 512 | | Local Operator Assistance Service | | 13.91% | 13.91% | N/A |
| 513 | | Maintenance of Service Charges | | 0% | 0% | N/A |
| 514 | | Prepaid Calling Cards | | 19.20% | 19.20% | N/A |
| 515 | | Telecommunications Service Priority Systems | | 0% | 0% | N/A |
| 516 | | Toll Billing Exception (Billed Number Screen) | | 19.20% | 19.20% | N/A |
| 517 | | Toll Restriction | | 19.20% | 19.20% | N/A |
| 518 | | Wireless Carrier Interconnection Services | | 0% | 0% | N/A |
| 519 | | | | | | N/A |
| 520 | | Electronic Billing Information Data (daily usage) per message | | \$0.003 | N/A | N/A |
| 521 | | | | | | |
| 522 | | Simple conversion charge per billable number | | N/A | \$25.00 | N/A |
| 523 | | Electronic conversion orders per billable number | | N/A | \$5.00 | N/A |
| 524 | | Complex conversion orders per billable number | | N/A | \$125.00 | N/A |
| 525 | | | | | | |
| 526 | | AT&T Missouri transmittal of CLEC end-user listing to 3rd party pub, per occurrence, per dir publisher | | N/A | \$100.00 | N/A |
| 527 | | | | | | |
| 528 | | | | | | |