INTERCONNECTION AGREEMENT-MISSOURI

between

Southwestern Bell Telephone, L.P. d/b/a
SBC MISSOURI

and

XO COMMUNICATIONS SERVICES, INC.

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INTERCONNECTION AGREEMENT - MISSOURI

This Interconnection Agreement - Missouri (Agreement) is between XO Communications Services, Inc. ("CLEC"), a Washington corporation, having its principal office at 11111Sunset Hills Road, Reston, Virginia 20190 and Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI), a Texas Limited Partnership, having its principal office at One SBC Plaza, 208 S. Akard, Dallas, Texas 75202, (collectively the Parties).

[*]WHEREAS, pursuant to the Telecommunications Act of 1996 (the Act), the Parties wish to establish terms for the resale of SBC MISSOURI services and for the provision *by* SBC MISSOURI of Interconnection*,* unbundled Network Elements, and Ancillary Functions as designated in the Attachments hereto.

*WHEREAS, the Missouri Public Service Commission ("MO- PSC", "Commission", or "Missouri Commission") recommended approval of SBC MISSOURI's application for 271 relief, based in large part on the existence of the Missouri 271 Agreement ("M2A");

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, 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, SBC MISSOURI agreed to file in Missouri an Missouri 271 Interconnection Agreement ("Missouri Agreement" or "M2A") modeled on the Texas 271 Interconnection Agreement ("Texas Agreement" or "T2A"), in order to bring more of the benefits of competition to the State of Missouri, and to bring the commitments made by SBC Texas in Texas to the State of Missouri, with Missouri-specific modifications, subject to the Commission's support for SBC MISSOURI's application for in-region interLATA relief for the State of Missouri; and

WHEREAS, in Texas SBC Texas made the following representations as part of the public interest phase of the Texas collaborative process and SBC MISSOURI made these same representations in Missouri, which the Commission finds still to be necessary for SBC MISSOURI's 271 Relief to remain in the public interest:

(1) SBC MISSOURI represented that it has already made several, and represented that it would continue, process improvements designed to foster better relationships with and provide better service to its CLEC customers (such improvements include, but are not limited to: the restructuring of its organizations and the creation of new departments to provide faster and better responses to CLECs; the improvement of communications with CLECs through a greatly expanded Internet website, internal broadcast e-mails and user group meetings; the distribution of customer satisfaction surveys; and the creation of an Internal Escalation Process Intervals Policy);

(2) SBC MISSOURI represented that it would follow certain Commission arbitration awards and other decisions, as set forth elsewhere in this Agreement (SBC MISSOURI, however, made such commitment without waiving its right to appeal awards or decisions specifically set forth in this Section 1.2, 23.1, and 23.2 of General Terms and Conditions);

[*]Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

(3) SBC MISSOURI represented that it would continue to work with its CLEC customers, and invite their feedback, to provide them a meaningful opportunity to compete in Missouri;

(4) SBC MISSOURI represented that it will comply with the FCC's rules and subsequent Section 271 decisions relating to the structural and nonstructural requirements for a Section 272 affiliate; and

*WHEREAS, SBC MISSOURI offered as part of the Texas collaborative process to make certain modifications to the Interconnection Agreement-Texas between Southwestern Bell Telephone Company and AT&T Communications of the Southwest, Inc. ("the AT&T Interconnection Agreement") available to other CLECs, and offered to bring those same modifications, subject to certain additional Missouri-specific modifications, to the State of Missouri, subject to the Missouri Public Service Commission's approval of SBC MISSOURI's application for in-region InterLATA relief for the State of Missouri.

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

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

1.0 INTRODUCTION

1.1 This Agreement sets forth the terms, conditions and prices under which SBC MISSOURI 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 SBC MISSOURI's network and Intercarrier Compensation for intercarrier telecommunications traffic exchanged between CLEC and SBC MISSOURI.

*1.2 The unbundled Network Elements, Combinations or Resale services provided pursuant to this Agreement may be connected to other Network Elements, Combinations or Resale services provided by SBC MISSOURI or to any network components provided by CLEC itself or by any other vendor. Subject to the requirements of this Agreement, CLEC may at any time add, delete, relocate or modify the Resale services, Network Elements or Combinations purchased hereunder. Subject to the provisions of Attachment 6: Unbundled Network Elements (UNE) and upon CLEC request, SBC MISSOURI 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 Except as provided in this Agreement, during the term of this Agreement, SBC MISSOURI will not discontinue, as to CLEC, any unbundled Network Element, Combination, or Ancillary Functions offered to CLEC hereunder. During the term of this Agreement, SBC MISSOURI will not discontinue any Resale services or features offered to CLEC hereunder except as provided in this Agreement. This Section is not intended to impair SBC MISSOURI's ability to make changes in its Network, so long as such changes are consistent with the Act and do not result in the discontinuance or operational disruptions or modification of the offerings of unbundled Network Elements, Combinations, or Ancillary Functions made by SBC MISSOURI to CLEC as set forth in and during the terms of this Agreement. In the event that SBC MISSOURI 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, SBC MISSOURI shall provide written notice to CLEC of such denial and the basis thereof in accordance with the procedures set forth in Attachment 6. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, SBC MISSOURI 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.

1.4 SBC MISSOURI 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 Unless otherwise provided in the Agreement, SBC MISSOURI will perform all of its obligations under this agreement throughout the entire operating area(s) in which SBC MISSOURI is then deemed to be the ILEC; provided, that SBC MISSOURI's obligations to provide Ancillary Functions or to meet other requirements of the Act covered by this Agreement are not necessarily limited to such service areas.

*1.7 Intentionally left blank.

*1.8 Intentionally left blank

1.9 Successor Rates
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 SBC MISSOURI shall make no change in any policy, process, method or procedure used or required to perform its obligations under this Agreement, that, in whole or in part, could have the effect, is likely to have the effect, or has the effect of diminishing the value of any right of CLEC granted herein or term or condition included herein, or that could cause an inefficiency or expense for CLEC hereunder that did not exist at the Effective Date of this Agreement, without the prior review and written approval of CLEC, which consent may be withheld by CLEC in its sole discretion. In addition, SBC MISSOURI shall not be permitted to circumvent this obligation by the issuance of an Accessible Letter.

2.0 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 and UNE-based Switch Port providers 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:

2.4 For CLECs that are reselling SBC MISSOURI Resale Services and/or purchasing UNE-P under this Agreement, the minimum insurance coverage and limits are as follows:

2.5 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.

2.6 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:

2.6.1 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.

2.6.2 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.

2.6.3 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.

2.6.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 2.4 through 2.6.7.3 of this Agreement.

2.6.5 The Parties agree that companies affording the insurance coverage required under Section 2.0 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.

2.6.6 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.

2.6.7 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:

2.6.7.1 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 Missouri covered by this Agreement or the employee's state of hire; and

2.6.7.2 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

2.6.7.3 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.

2.6.8 This Section 2.6 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.

2.7 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert it's 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 SBC MISSOURI with a copy.

2.8 When an end user changes its service provider from SBC MISSOURI to CLEC or from CLEC to SBC MISSOURI and does not retain its former telephone number, SBC 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.

*2.9 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.

2.10 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.

2.11 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 SBC 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.

2.12 Intentionally Left Blank

2.13 SBC MISSOURI will make available any individual interconnection, service and/or network element arrangement provided under an 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.

3.0 ASSURANCE OF PAYMENT

*3.1 If CLEC can demonstrate a good payment history of one year or more with SBC MISSOURI or another ILEC, an Assurance of Payment will not be required.

*3.2 Assurance of payment may be requested by SBC MISSOURI 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 SBC MISSOURI for charges incurred as a CLEC.

*3.2.2 CLEC fails to timely pay a bill rendered to CLEC by SBC MISSOURI (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).

*3.3 Unless otherwise agreed by the Parties, the assurance of payment will, at SBC MISSOURI's option, consist of:

*3.3.1 a cash security deposit in U.S. dollars held by SBC MISSOURI ("Cash Deposit") or

*3.3.2 an unconditional, irrevocable standby bank letter of credit from a financial institution acceptable to SBC MISSOURI naming SBC MISSOURI as the beneficiary thereof and otherwise in form and substance satisfactory to SBC MISSOURI ("Letter of Credit").

*3.4 The Cash Deposit or Letter of Credit must be in an amount equal to three (3) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), as reasonably determined by SBC MISSOURI, for the Interconnection, Resale Services, unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by SBC MISSOURI under this Agreement.

*3.5 To the extent that SBC MISSOURI elects to require 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.

*3.6 A Cash Deposit will accrue simple interest, however, SBC MISSOURI will not pay interest on a Letter of Credit.

**3.7 SBC MISSOURI may, but is not obligated to, draw on the Letter of Credit or the Cash Deposit, as applicable, upon the occurrence of any one of the following events:

3.7.1 CLEC owes SBC MISSOURI undisputed charges under this Agreement that are more than thirty (30) calendar days past due; or

*3.7.2 CLEC admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding; or

*3.7.3 The expiration or termination of this Agreement.

*3.8 If SBC MISSOURI draws on the Letter of Credit or Cash Deposit, upon request by SBC MISSOURI, 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 SBC MISSOURI makes a request for assurance of payment in accordance with the terms of this Section, then SBC MISSOURI shall have no obligation thereafter to perform under this Agreement until such time as CLEC has furnished SBC

MISSOURI with the assurance of payment requested; provided, however, that SBC MISSOURI will permit CLEC a minimum of ten (10) Business Days to respond to a request for assurance of payment before invoking this Section.

*3.9.1 If CLEC fails to furnish the requested adequate assurance of payment on or before the date set forth in the request, SBC MISSOURI may also invoke the provisions set forth in Section 14.

*3.10 The fact that a Cash Deposit or Letter of Credit is requested by SBC MISSOURI shall in no way relieve CLEC from timely compliance with all payment obligations under this Agreement (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), nor does it constitute a waiver or modification of the terms of this Agreement pertaining to disconnection or re-entry for non-payment of any amounts required to be paid hereunder.

4.0 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 have a term ("Term") of three (3) years and 90 days commencing on the Effective Date. 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 SBC MISSOURI written confirmation if CLEC wishes to pursue a successor agreement with SBC MISSOURI or alternatively, if CLEC wishes to allow the current Agreement to expire. If CLEC wishes to pursue a successor agreement with SBC MISSOURI, CLEC shall attach to its written confirmation or Notice of Expiration, as applicable, a written request to commence negotiations with SBC MISSOURI 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 SBC MISSOURI in its, as applicable, Notice of Expiration or the written confirmation required after receipt of SBC MISSOURI'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 49 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 49 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 4.2 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 4.9 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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 ninety (90) calendar days after the date CLEC provided its Request or received SBC MISSOURI's Notice. If the Term of this Agreement has expired, on the ninety-first (91st) day following CLEC's Request or receipt of SBC MISSOURI's Notice, the Parties shall have no further obligations under this Agreement except those set forth in Section 4.10 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) calendar days after written notice thereof. Any termination of this Agreement pursuant to this Section 4.9 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) calendar days after written notice thereof.

*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 4.10 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 49 Survival of Obligations; and

*4.11.2 Each Party shall promptly pay all amounts owed under this Agreement.

*4.12 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.

*4.13 In the event of expiration or termination of this Agreement other than pursuant to Section 4.9 herein, SBC MISSOURI 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 91st 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 SBC MISSOURI for the charges incurred during the transition of service, SBC MISSOURI 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. SBC MISSOURI and CLEC shall continue their responsibilities under the terms and conditions of the terminated or expired Agreement for any order submitted to SBC MISSOURI in connection with this transition of service.

*4.14 Should CLEC opt to incorporate any provision for interconnection, service, or unbundled Network Element from another Commission-approved interconnection agreement into this Agreement pursuant to Section 252(i) of the Act and 47 C.F.R. § 51.809, such incorporated provision shall expire on the date it would have expired under the interconnection agreement from which it was taken. Should CLEC opt to incorporate any provision for interconnection, service or unbundled Network Element from this Agreement into another Commission-approved interconnection agreement pursuant to Section 252(i) of the Act, the provision from this Agreement shall expire on the date specified in Section 4.1 above and shall not control the expiration date of any other provisions of the other interconnection agreement. 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.

5.0 ASSIGNMENT

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 SBC MISSOURI. 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 SBC MISSOURI; 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 SBC MISSOURI under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void *ab initio*.

5.2 Corporate Name Change and/or change in "d/b/a" only

*5.2.1 Any assignment or transfer of an Agreement wherein only the CLEC name is changing, and which does not include a change to a CLEC OCN/ACNA, constitutes a CLEC Name Change. For a CLEC Name Change, CLEC will incur a record order charge for each CLEC CABS BAN. For resale or any other products not billed in CABS, to the extent a record order is available, a record order charge will apply per end user record. Rates for record orders are contained in the Appendix Pricing, Schedule of Prices. CLEC shall also submit a new Operator Service Questionnaire (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.

*5.2.2 Company Code Change

*5.2.2.1 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 "assets" means any Interconnection, Resale Service, unbundled Network Element, function, facility, product or service provided under that interconnection agreement. CLEC shall provide SBC MISSOURI with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain SBC MISSOURI's consent. SBC MISSOURI shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, SBC MISSOURI'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.

*5.2.2.2 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.

*5.2.3 Assignment of any Interconnection, Resale Service, unbundled Network Element, function, facility, product or service.

5.2.3.1 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 SBC MISSOURI 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.

*5.2.3.2 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.

*5.2.4 Project Coordination

*5.2.4.1 SBC MISSOURI will provide project management support to effectuate changes of the types identified in Section 5.2.4.2.

*5.2.4.2 SBC MISSOURI will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should SBC MISSOURI's most current version of LSOR or ASOR guidelines not support the required order activity, SBC MISSOURI 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 SBC MISSOURI any and all information SBC MISSOURI reasonably requests to effectuate such changes.

6.0 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, whether disclosed by CLEC to SBC MISSOURI or otherwise acquired by SBC MISSOURI 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.

7.0 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 Section 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 SBC MISSOURI 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.

7.2 No Consequential Damages

7.2.1 EXCEPT AS OTHERWISE PROVIDED IN ATTACHMENT 17, NEITHER CLEC NOR SBC MISSOURI 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 SBC MISSOURI 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.

7.3 Obligation to Indemnify

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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 SBC MISSOURI'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; b) failure to perform accurate and correct ordering including Resale and lawful UNE services, rates, and charges, subject to the terms of this Agreement c) any claim made by an end user customer of CLEC or other third parties against SBC MISSOURI caused by or related to CLEC's inaccurate use of any SBC MISSOURI OSS. Indemnification for OSS shall also include any necessary and reasonable labor expenses incurred by SBC related to such inaccurate or improper use of OSS.

7.3.3.1 In the case of any loss alleged or 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 SBC MISSOURI's network and to unbundle and/or combine SBC MISSOURI'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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7.3.8 CLEC acknowledges that services and facilities to be provided by SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI enters into or existing agreements that it renews, SBC MISSOURI shall use its best efforts to procure rights or licenses to allow SBC MISSOURI to provide to CLEC the particular unbundled Network Element(s), on terms comparable to terms provided to SBC MISSOURI, directly or on behalf of CLEC ("Additional Rights/Licenses").

7.3.8.3 For any new agreements that SBC MISSOURI enters into or existing agreements that it renews, in the event that SBC MISSOURI, after using its best efforts, is unable to procure Additional Rights/Licenses for CLEC, SBC MISSOURI 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 7.3.8.3 above that SBC MISSOURI has not exercised such best efforts, CLEC may seek a determination through an expedited petition to the Missouri Public Service Commission as to whether SBC MISSOURI has exercised such best efforts.

7.3.8.5 If and to the extent SBC MISSOURI 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, SBC MISSOURI may seek recovery of such costs as are reasonable. Such additional costs shall be shared among all requesting carriers, including SBC MISSOURI, 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 SBC MISSOURI.

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

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.

8.0 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.

9.0 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 within thirty (30) days of receipt of an invoice properly delivered according to the primary medium defined by CLEC. Except as otherwise specifically provided in this Agreement interest on overdue invoices will apply at the six (6) month Commercial Paper Rate applicable on the first business day of each calendar year.

9.2 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 13.4.1. 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: (i) all undisputed amounts to the Billing Party.

9.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 13.

9.5 If the Non-Paying Party disputes any charges and any portion of the dispute is resolved in favor of such Non-Paying Party, the Parties shall cooperate to ensure that all of the following actions are completed:

9.5.1 the Billing Party shall credit the invoice of the Non-Paying Party for that portion of the Disputed Amounts resolved in favor of the Non-Paying Party, together with any Late Payment Charges assessed with respect thereto, no later than the second Bill Due Date after resolution of the Dispute;

9.6 If the Non-Paying Party disputes any charges and the entire dispute is resolved in favor of the Billing Party, the Parties will cooperate to ensure that all of the actions required by Section 9.5.1 completed within the times specified therein.

*9.7 Failure by the Non-Paying Party to pay any charges determined to be owed to the Billing Party within the times specified in Section 9.5 shall be grounds for termination of the Interconnection, Resale Services, unbundled Network Elements, Collocation, functions, facilities, products and services provided under this Agreement.

*9.8 If either Party requests one or more additional copies of a bill, the requesting Party will pay the Billing Party a reasonable fee for each additional copy, unless such copy was requested due to failure in delivery of the original bill or correction(s) to the original bill.

*9.8.1 Each additional copy of any bill provided for billing from SBC MISSOURI's Carrier Access Billing System (CABS) billing system will incur charges as specified in Access Service Tariff FCC No. 73 Section 13 Alternate Bill Media.

*9.8.2 Bills provided to CLEC from SBC MISSOURI's CRIS system through Bill Plus will incur charges as specified in Appendix Pricing.

10. LIMITATION ON BACK-BILLING AND CREDIT CLAIMS:

10.1 Any "back-billed" charges or "back-credits" will be placed as an Other Charges and Credits (OCC) on the bill or will be listed on the Detail of Adjustment 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.

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*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.

*10.5 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 the Reciprocal Compensation Attachment.

11. DAILY USAGE FILE

The Parties agree that Attachment 10: Provision of Customer Usage Data – Unbundled Network Elements and SBC MISSOURI' obligation to provide Usage Data under this Agreement shall remain in effect only until March 11, 2006. Additional terms and conditions are contained in Attachment 10.

12.0 ALTERNATELY BILLED TRAFFIC (ABT)

12.1 As used herein, Alternately Billed Traffic (ABT) shall mean calls made by an end user and billed to an account not associated with the originating line. There are three types of ABT: Calling card, collect, and third number calls. Billing and compensation for intraLATA ABT will be handled as described below.

12.2 When CLEC serves its end user via switch-based service, both Parties will settle tariffed ABT charges for calls accepted by each Party's end users, including ABT charges passed through by a Third Party. The originating Party will pay the Party that has the billable end user a Billing and Collection (B&C) fee per billed message as set forth in the pricing schedule.

12.3 Additional terms and conditions concerning ABT may be found in Attachment 20: Clearinghouse.

13.0 DISPUTE RESOLUTION

*13.1 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.

13.2 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 **c**laim 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 for the resolution of disputes 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, 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 SBC MISSOURI 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 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.

13.4.1.1 If the disputing Party is not satisfied by the resolution of the billing dispute under this Section 13.4, 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.

13.4.1.2 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.

*13.4.2 Each Party agrees to notify the other Party of a billing dispute by using the standard document, if any, made available by the Billing Party and may invoke the informal dispute resolution process described in Section 13.3. The Parties will endeavor to resolve the dispute within thirty (30) to sixty (60) calendar days after receipt of the Non-Paying Party's written notice. In order to resolve a billing dispute, the Non-Paying Party shall furnish the Billing Party written notice of (i) the date of the bill in question, (ii) CBA or BAN number of the bill in question, (iii) telephone number, circuit ID number or trunk number in question, (iv) any USOC information relating to the item questioned, (v) amount billed (vi) amount in question (vii) the reason that the Non-Paying Party disputes the billed amount and (viii) PON. To be deemed a "dispute" under this Section 13.4, the Non-Paying Party must provide evidence that it has paid the disputed amount.

*13.4.3 Notwithstanding anything contained in this Agreement to the contrary, a Party shall be entitled to dispute only those charges which appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party receives notice of such dispute.

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 require clarification, renegotiation, modifications or additions to this Agreement, either party may invoke dispute resolution procedures available pursuant to the complaint process of the MO-PSC. 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 MO-PSC rules with regard to procedures for the resolution of disputes arising out of this Agreement.

13.6 Arbitration

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 St. Louis, 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, 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**.**

14.0 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 ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges.

*14.1.1 SBC MISSOURI 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 13.4.1 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 14.2.4, inclusive, or make payment(s) in accordance with the terms of any mutually agreed payment arrangement, SBC MISSOURI 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 five (5) Business Days of any of the obligations enumerated in Section 14.2.1. On the day that SBC

MISSOURI provides such written demand to CLEC, SBC MISSOURI 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, SBC MISSOURI'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 14, 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 SBC :

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

To CLEC:

Gegi Leeger
Director - Regulatory Contracts
XO Communications, Inc.
11111 Sunset Hills Road
Reston, VA 20190
Phone: 703-547-2109
Fax: 703-547-2300
Email: Gegi.Leeger@xo.com

With a copy to:

Kristin U. Shulman
Executive Director - Regulatory Affairs
XO Communications, Inc.
810 Jorie Blvd., Suite 200
Oak Brook, IL 60523
Phone: 630 371 3311

Fax: 469 461 7159
Email: Kris.Shulman@xo.com

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 SBC MISSOURI 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 SBC MISSOURI will comply with Missouri Public Service Commission rules.

*14.9 Within five (5) calendar days following any such disconnection, SBC MISSOURI will notify each Resale end user that because of CLEC's failure to pay SBC MISSOURI, 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, SBC MISSOURI may terminate the Resale end user's service.

*14.11 SBC MISSOURI will notify the Commission of the names of all Resale end users whose local service was terminated pursuant to Section 14.9.

*14.12 CLEC shall be responsible for all charges for any service furnished by SBC MISSOURI to any end user pursuant to Section 14.8 hereof.

*14.13 Nothing in this Agreement shall be interpreted to obligate SBC MISSOURI 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 SBC MISSOURI has with regard to such Resale end users under Applicable Law.

15.0 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:

Gegi Leeger
Director - Regulatory Contracts
XO Communications, Inc.
11111 Sunset Hills Road
Reston, VA 20190
Phone: 703-547-2109
Fax: 703-547-2300
Email: Gegi.Leeger@xo.com

With a copy to:

Kristin U. Shulman
Executive Director - Regulatory Affairs
XO Communications, Inc.
810 Jorie Blvd., Suite 200
Oak Brook, IL 60523
Phone: 630 371 3311
Fax: 469 461 7159
Email: Kris.Shulman@xo.com

15.3 If to SBC MISSOURI:

Contract Management
ATTN: Notices Manager
Four SBC Plaza, 9th Flr.
311 S. Akard St.
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 SBC MISSOURI 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.

15.5 SBC MISSOURI 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 SBC MISSOURI's Accessible Letters. Any completed Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) calendar days following receipt by SBC MISSOURI. SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI with a toll free facsimile number for notices from SBC MISSOURI relating to requests for Resale Services and unbundled Network Elements under this Agreement.

16.0 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 16, 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 16 shall be sent in accordance with Section 15 hereof.

17.0 FORCE MAJEURE

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 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. Provided, Force Majeure will not include acts of any Governmental Authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs the Party whose performance fails or is delayed because of such Force Majeure conditions will give prompt notice to the other Party, whereupon such Party's obligation or performance shall be suspended to the extent that the Party is affected by such Force Majeure Event. The other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations are hindered by the Force Majeure event Upon cessation of such Force Majeure condition, the Party whose performance fails or is delayed because of such Force Majeure conditions will give like notice and commence performance hereunder as promptly as reasonably practicable.

18.0 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.

19.0 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.

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

19.3 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.

20.0 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 a 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.

21.0 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. SBC MISSOURI 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), SBC MISSOURI 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 an 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, SBC MISSOURI will investigate an alleged incidence of slamming involving CLEC, and only in such CLEC authorized instances shall SBC MISSOURI charge CLEC; providing such charge shall be a cost-based or mutually agreed fee for providing the investigation.

22.0 AMENDMENTS AND MODIFICATIONS

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 22.2 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.

23.0 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 SBC-13STATE has adopted the FCC ISP terminating compensation plan ("FCC Plan") in an SBC-13STATE 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 SBC-13STATE's right to exercise its option at any time to adopt on a date specified by SBC-13STATE 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 Missouri 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 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) day 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.

24.0 AUTHORITY

24.1 SBC MISSOURI 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. SBC MISSOURI represents and warrants that SBC Telecommunications, Inc. has full power and authority to

execute and deliver this Agreement as agent for SBC MISSOURI. SBC MISSOURI 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 corporation duly organized, validly existing and in good standing under the laws of its state of incorporation or formation 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.

25.0 BINDING EFFECT

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

26.0 CONSENT

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

27.0 EXPENSES

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.

28.0 HEADINGS

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

29.0 RELATIONSHIP OF PARTIES

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.

30.0 CONFLICT OF INTEREST

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.

31.0 MULTIPLE COUNTERPARTS

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.

32.0 THIRD PARTY BENEFICIARIES

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.

33.0 REGULATORY APPROVAL

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.

34.0 TRADEMARKS AND TRADE NAMES

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.

35.0 REGULATORY AUTHORITY

*35.1 SBC MISSOURI 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 SBC MISSOURI 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.

36.0 COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE

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.

37.0 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 SBC MISSOURI's retail tariffs, the term "Customer" means the ultimate "consumer" or the **"**End User" of any tariffed service.

38.0 VERIFICATION REVIEWS

38.1 Subject to each Party's reasonable security requirements and except as may be otherwise specifically provided in this Agreement, either Billed (auditing) Party may audit the Billing Party's books, records and other documents once in each Contract Year for the purpose of evaluating the accuracy of the Billing (audited) Party's billing and invoicing. The Billing Party may audit the Billed Party's books, records and other documents once in each Contract Year for verification of the accuracy of information that the Billing (auditing) Party is entitled, under this Agreement, to rely on in billing and invoicing for services provided to the Billed (audited) Party hereunder. The Parties may employ other persons or firms for this purpose. 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 Billing Party will promptly correct any billing error that is revealed in an audit, including making refund of any overpayment by the Billed 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. The credit shall include interest on the overpayment, which interest shall be computed in accordance with Section 9.1 of this Agreement. Any disputes concerning audit results will be resolved pursuant to the Dispute Resolution procedures described in Section 13 of this Agreement.

38.3 Each Party will cooperate fully in any audit performed pursuant to 38.1, providing reasonable access to any and all appropriate employees and books, records and other documents reasonably necessary to assess the accuracy of the Billing Party's bills. The audit will be conducted during normal business hours at an office designated by the Party being audited. The Parties agree to retain records of call detail for two years from when the calls were initially reported to the other Party.

38.4 Either Party may audit the other Party's books, records and documents more than once during any Contract Year if the audit pursuant to Section 38.1 found previously uncorrected net variances or errors in invoices in the other Party's favor with an aggregate value of at least two percent (2%) of the amounts payable by the Billed Party for Resale services, Network Elements, Combinations or usage based charges provided during the period covered by the audit.

38.5 Except as may be otherwise provided in this Agreement, audits will be at the auditing Party's expense.

38.6 This Section 38 also applies to the audit by the Billing Party of the Billed Party's books, records, and other documents related to the development of the percent local usage (PLU) used to measure and settle jurisdictionally unidentified traffic, including but not limited to calls for which calling party number (CPN) is not transmitted, in connection with Attachment 12: Intercarrier Compensation. If the PLU is adjusted based upon the audit results, the adjusted PLU will apply for the remainder of current quarter and for the subsequent quarter following the completion of the audit. If the PLU is adjusted based upon the audit results, the Billing Party may audit the Billed Party again during the subsequent nine (9) month period, notwithstanding any other provisions in the Agreement. If as a result of the audit, either Party has

overstated the PLU or underreported the call detail usage by twenty percent (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit and will pay for the cost of the subsequent audit which is to happen within nine (9) months of the initial audit.

38.7 Information obtained or received by either Party in connection with Sections 38.1 through 38.6 will be subject to the confidentiality provisions of Section 6 of this Agreement.

39.0 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.

40.0 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.

41.0 NOTICE OF NETWORK CHANGES

*41.1 SBC MISSOURI agrees to provide CLEC reasonable notice consistent with applicable rules**,** of changes in the information necessary for the transmission and routing of services using SBC MISSOURI'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 SBC MISSOURI's ability to upgrade its network through the incorporation of new equipment, new software or otherwise nor to limit CLEC's access to UNEs provided over those facilities.

41.2 Intentionally Left Blank.

41.3 General Change Management

*41.3.1 SBC MISSOURI will provide timely advance notification of changes to be in accordance with industry standards, based on the type of change, ranging from network or systems changes to process changes. Notification will be provided via email to designated CLEC contacts. SBC MISSOURI shall designate a qualified person who can be contacted by CLEC to provide clarification of the scope of the change and timeline for implementation. Either Party may request the assignment of project team resources for

implementation of the change. Notwithstanding the foregoing, CLEC reserves its right to request changes to be delayed or otherwise modified where there is an adverse business impact on CLEC, with escalation through the dispute resolution process.

*41.3.2 To the extent their resources permit, the Parties agree to participate in Industry User and Change Management forum and to work cooperatively to implement change with minimum disruption to established interfaces. Notwithstanding the foregoing, resolution and processes established in the User and Change Management forums which change the way the Parties operate under the Agreement are valid only when incorporated by amendment to the Agreement or as otherwise mutually agreed in writing by the Parties.

42.0 GOOD FAITH PERFORMANCE

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.

43.0 RESPONSIBILITY OF EACH PARTY

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.

44.0 GOVERNMENTAL COMPLIANCE

CLEC and SBC MISSOURI each will comply at its own expense with all Applicable Law 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 SBC MISSOURI 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. SBC MISSOURI, 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 SBC MISSOURI to provide the network elements and Resale services pursuant to this Agreement.

45.0 RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

45.1 Disclosure of Potential Hazards: When and if CLEC notifies SBC MISSOURI that CLEC intends to enter or perform work pursuant to this Agreement in, on, or within the vicinity of any particular SBC MISSOURI building, manhole, pole, duct, conduit, right-of-way, or other facility (hereinafter "work location"), SBC MISSOURI shall timely notify CLEC of any Environmental Hazard at that Work Location of which SBC MISSOURI 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 SBC MISSOURI; 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.

45.2 Evaluation of Potential Hazards: Without limiting the foregoing, after providing prior notice to SBC MISSOURI, 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 SBC MISSOURI's business operations after consultation with SBC MISSOURI, and shall return SBC MISSOURI's property to substantially the same condition as it would have been without such inspections, testing or monitoring.

45.3 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 SBC MISSOURI shall be responsible in the first instance for the subsequent treatment, disposal, or other management of such materials and media.

45.4 Indemnification:

45.4.1 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 45.0 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.

45.4.2 CLEC shall indemnify, on request defend, and hold harmless SBC MISSOURI 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.

45.4.3 SBC MISSOURI 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 SBC MISSOURI or by any person acting on SBC MISSOURI's behalf, at a work location or (ii) the removal or disposal of any hazardous substances by any employee of SBC MISSOURI or by any person acting on SBC MISSOURI'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 SBC MISSOURI or its contractors or agents.

46.0 SUBCONTRACTING

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 **c**onfidential **i**nformation to the same extent the subcontracting Party is required to protect the same under the terms of this Agreement.

47.0 REFERENCED DOCUMENTS

Whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, SBC MISSOURI 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, SBC MISSOURI Practice, or publication of industry standards.

48.0 SEVERABILITY

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.

49.0 SURVIVAL OF OBLIGATIONS

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.

50.0 GOVERNING LAW

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 in Jefferson City, Missouri and waive any and all objections to a Missouri venue.

51.0 PERFORMANCE

Specific provisions governing Performance Measures are contained in Attachment 17.

52.0 OTHER OBLIGATIONS

Allowance for Interruption of Service. A service interruption period begins when an out of service condition of Interconnection or unbundled Network Element is reported by the CLEC to SBC MISSOURI designated maintenance and repair contact point and ends when the service is restored and reported by SBC MISSOURI to the CLEC's designated contact. No allowance for a service outage will be provided where the outage is due to the actions of the CLEC, its agents or Customers. A credit allowance will be made to the CLEC where the service outage is isolated to SBC MISSOURI network. When a credit allowance does apply, the credit will be determined based on the monthly recurring rates applicable to the service affected; however, the credit allowance for a service outage or for a series of outages for a specific service shall not, except where otherwise provided in this Agreement, exceed the applicable monthly recurring rate for the service(s) involved. For calculating credit allowances, every month is considered to have thirty (30) days.

53.0 DIALING PARITY; NUMBER PORTABILITY

SBC MISSOURI will ensure that all CLEC customers experience the same dialing parity as similarly-situated customers of SBC MISSOURI services, such that, for all call types: (i) an CLEC customer is not required to dial any greater number of digits than a similarly-situated SBC MISSOURI 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 an CLEC customer is at least equal in quality to that experienced by a similarly-situated SBC MISSOURI customer; and (iii) the CLEC Customer may retain its local telephone number. SBC MISSOURI 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: Number Portability.

54.0 BRANDING

Specific provisions concerning the branding of services provided to CLEC by SBC MISSOURI 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, UNE and UNE-P.

55.0 END USER-CUSTOMER INQUIRIES

Each Party will use its best efforts to ensure that all of its representatives who receive inquiries regarding the other Party's services: (i) refer repair inquiries to the other Party at a telephone number provided by that Party; (ii) for other inquiries about the other Party's services or products, refer callers to telephone number(s) provided by that Party; and (iii) do not in any way disparage or discriminate against the other Party or its products or services.

56.0 DISCLAIMER OF WARRANTIES

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.

57.0 NO WAIVER

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.

60.0 DEFINITIONS

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.

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*61.0 RESALE

At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that SBC MISSOURI currently provides or hereafter offers to any end user in the geographic area where SBC MISSOURI is the incumbent LEC will be made available to CLEC by SBC MISSOURI 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.

62.0 UNBUNDLED NETWORK ELEMENTS

At the request of CLEC and pursuant to the requirements of the Act, SBC MISSOURI will offer in the geographic area where SBC MISSOURI is the incumbent LEC**,** 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 are addressed in Attachment 6: Unbundled Network Elements, and other applicable Attachments.

63.0 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, SBC MISSOURI agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Recording services 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, SBC MISSOURI agrees to provide to CLEC Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Recording services and Provision of Customer Usage Data services pursuant to the terms specified in Attachments 7, 8, 9 and 10, respectively.

64.0 NETWORK INTERCONNECTION ARCHITECTURE

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. SBC MISSOURI 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 SBC MISSOURI at any technically feasible point within SBC MISSOURI’s network, as provided in the Act.

65.0 COMPENSATION FOR DELIVERY OF TRAFFIC

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

66.0 ANCILLARY FUNCTIONS

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

67.0 INTENTIONALLY LEFT BLANK.

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*69.0 INTENTIONALLY LEFT BLANK.

70.0 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.

70.2 Intentionally Left Blank

71.0 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.

72.0 INTENTIONALLY LEFT BLANK

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

XO Communications Services, Inc.	**Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI By SBC Operations, Inc., Its authorized agent**
Signature: _____	Signature: _____
Name:	Name:
Title:	Title: AVP – Local Interconnection Marketing
Date: _____	Date: _____

Intercarrier Compensation Option Choice:

Designate Choice with X	**Option Number**	**Description**
	Option 1	Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic
	Option 2	All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate
	Option 3	Long-term local Bill and Keep as the reciprocal compensation arrangement for Section 251(b)(5) Traffic and ISP-Bound Traffic

Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

XO Communications Services, Inc.

Signature: _____

Name:

Title:

Date: _____

Southwestern Bell Telephone, L.P. d/b/a
SBC MISSOURI
By SBC Operations, Inc.,
Its authorized agent

Signature: _____

Name: Mike Auinbauh

Title: AVP – Local Interconnection Marketing

Date: August 9, 2005

Intercarrier Compensation Option Choice:

Designate Choice with X	Option Number	Description
	Option 1	Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic
	Option 2	All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate
	Option 3	Long-term local Bill and Keep as the reciprocal compensation arrangement for Section 251(b)(5) Traffic and ISP-Bound Traffic

Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

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 SBC MISSOURI to the client/End User community.

1.1.6 **"Account Owner"** means a telecommunications company, including SBC MISSOURI, 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 SBC MISSOURI 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 **"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.

1.1.14 **"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.

1.1.15 **"Bona Fide Request"** (BFR) is the process described in the applicable Appendix Lawful UNEs.

1.1.16 **"Business Day"** means Monday through Friday, excluding holidays on which the applicable SBC-owned ILEC does not provision new retail services and products.

1.1.17 **"Busy Line Verification"** (BLV) means a service whereby an End User requests an operator to confirm the busy status of a line.

1.1.18 **"CABS"** means the Carrier Access Billing System.

1.1.19 **"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.

1.1.20 **"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.

1.1.21 **"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.

1.1.22 **"Calling Name Information"** means a Telecommunications Carrier's records of its End Users names associated with one or more assigned ten-digit telephone numbers.

1.1.23 **"Calling Number Delivery"** means a feature that enables an End User to view the directory number of the calling party on a display unit.

1.1.24 **"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.

1.1.25 **"Central Automatic Message Accounting (CAMA) Trunk"** means a trunk that uses Multi-Frequency (MF) signaling to transmit calls from CLEC's switch to an SBC MISSOURI E911 Selective Router.

1.1.26 **"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.

1.1.27 **"Central office switch"** (Central Office) is a switching entity within the public switched telecommunications network, including but not limited to:

1.1.27.1 **"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.

1.1.27.2 **"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.

1.1.28 **"Charge Number"** is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.

1.1.29 **"Claim"** means any pending or threatened claim, action, proceeding or suit.

1.1.30 **"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.

1.1.31 **"CNAM Query Rate"** means a rate that applies to each CNAM Query received at the SCP where the Calling Name Database resides.

1.1.32 **"Collocation"** is an arrangement is an arrangement where a CLEC leases space at an SBC MISSOURI premises for the placement of equipment necessary for interconnection or access to SBC MISSOURI Lawful UNEs.

1.1.33 **"Commercial Mobile Radio Services"** (CMRS) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.

1.1.34 **"Commission"** means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term "Commissions" means the Missouri Public Service Commission (MPSC).

1.1.35 **"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.

1.1.36 **"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.

1.1.37 **"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.

1.1.38 **"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 SBC MISSOURI and forwarded to CLEC.

1.1.39 **"Custom Local Area Signaling Service Features"** (CLASS) means certain call-management service features that are currently available from SBC MISSOURI' 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.

1.1.40 **"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 nonpublished listings, coin telephone information and published listings.

1.1.41 **"Data Interexchange Carrier"** (DIXC) is a process designed to facilitate the reciprocal exchange of voice traffic load data between the SBC MISSOURI and CLECs interconnecting with its network. This reciprocal exchange of data enables SBC MISSOURI and each CLEC to have a complete view of traffic loads on both ends of two-way trunk groups. The knowledge of call attempt and overflow data counts on both ends of a two-way trunk group enables each company to more accurately estimate the offered, and thereby better estimate, the required quantities of trunks.

1.1.42 **"Declassified" or "Declassification"** means the situation where a network element, including a network element referred to as a Lawful UNE under this Agreement, ceases to be a Lawful 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 Lawful UNE that has ceased to be a Lawful UNE may also be referred to as "Declassified."

1.1.43 **"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:

1.1.43.1 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;

1.1.43.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or

1.1.43.3 any Force Majeure Event.

1.1.44 **"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.

1.1.45 **"Digital Signal Level"** is one of several transmission rates in the time-division multiplex hierarchy.

1.1.45.1 **"Digital Signal Level 0"** (DS-0) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.

1.1.45.2 **"Digital Signal Level 1"** (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.

1.1.45.3 **"Digital Signal Level 3"** (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.

1.1.46 **"Digital Subscriber Line"** (DSL) is as defined in the applicable Appendix DSL and/or the applicable tariff, as appropriate.

1.1.47 **"Distant LCA"** is defined as a Local Calling Area (as defined below) that is separate and distinct from the LCA where the CLEC designated POI for the exchange of Section 251(b)(5)/IntraLATA Traffic is located.

1.1.48 **"Electronic File Transfer"** is any system or process that utilizes an electronic format and protocol to send or receive data files.

1.1.49 [1]Intentionally Left Blank

1.1.50 **"Enhanced Service Provider"** (ESP) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.

1.1.51 **"Exchange Access"** is As Defined in the Act.

1.1.52 **"Exchange Area"** means an area, defined by the Commission, for which a distinct local rate schedule is in effect.

1.1.53 **"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.

1.1.54 **"Exchange Service"** means Telephone Exchange Service, As Defined in the Act.

1.1.55 **"Facility-Based Provider"** is defined as a telecommunications carrier that has deployed its own switch and transport facilities.

1.1.56 **"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. The intercarrier compensation mechanism as well as additional definitions for FGA are specified in the appropriate Appendix FGA.

1.1.57 **"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.

1.1.58 **"FCC"** means the Federal Communications Commission.

[1] Conformed to Final Arbitration Award

1.1.59 **"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.

1.1.60 **"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. InterLATA FX, where the originating and receiving parties are physically located in different LATAs, is considered equivalent to FGA and the intercarrier compensation mechanism is the same as FGA. IntraLATA FX, when provided by two or more local exchange carriers "LECs," is considered a jointly provided service and meet-point billed by those providing it utilizing a mutually agreed to meet-point billing, or meet-point billing like procedure.

1.1.61 **"Fraud Monitoring System"** means an off-line administration system that monitors LIDB validation query traffic for suspected occurrences of ABS-related fraud.

1.1.62 **"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.

1.1.63 **"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.

1.1.64 **"Incumbent Local Exchange Carrier"** (ILEC) is As Defined in the Act.

1.1.65 **"Intellectual Property"** means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.

1.1.66 **"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.

1.1.67 **"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).

1.1.68 **"Interconnection"** is As Defined in the Act.

1.1.69 **"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.

1.1.70 **"Interexchange Carrier"** (IXC) means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.

1.1.71 **"InterLATA"** is As Defined in the Act.

1.1.72 **"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.

1.1.73 **"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.

1.1.74 **"IntraLATA Toll traffic"** is defined as traffic between one SBC MISSOURI local calling area and another SBC MISSOURI local calling area or that of another LEC within the same LATA.

1.1.75 **"IntraLATA Toll Trunk Group"** is defined as a trunk group carrying IntraLATA Toll traffic as defined above.

1.1.76 **"ISP-Bound Traffic"** is as defined in Attachment 12: Intercarrier Compensation.

1.1.77 **"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.

1.1.78 **"Lawful,"** when used in relation to unbundling, unbundled network elements, network elements and/or UNEs or activities involving UNEs, means 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.

1.1.79 **"Lawful Unbundled Network Element" or "Lawful UNE"** is as defined in Appendix Lawful UNEs (Lawful Provision of Access to Unbundled Network Elements.

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 SBC 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 SBC MISSOURI end users.

1.1.89 **"Local Loop Transmission," "Lawful 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 SBC MISSOURI 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 SBC MISSOURI local calling area, as defined in SBC MISSOURI'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 **"MO"** means MISSOURI.

1.1.104 **"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.

1.1.105 **"Mutual Compensation"** as defined in Appendix Reciprocal Compensation.

1.1.106 **"Network Data Mover"** (NDM) is an industry standard protocol for transferring information electrically.

1.1.107 **"Network Element"** is As Defined in the Act.

1.1.108 **"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.

1.1.109 **"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.

1.1.110 **"Number Portability"** is As Defined in the Act.

1.1.111 **"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.

1.1.112 **"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.

1.1.113 **"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 Name>.operating within SBC MISSOURI' 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-SBC ILEC exchange area.

1.1.118 **"Party"** means either CLEC or the SBC-owned ILEC; use of the term "Party" includes each of the SBC-owned ILEC(s) that is a party to this Agreement. "Parties" means both CLEC and the SBC-owned ILEC; use of the term "Parties" includes each of the SBC-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 Physical 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 SBC MISSOURI 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 **"Port"** is the point of interface/access connection to the SBC MISSOURI public switched network. This may be a switch line side interface or switch trunk side interface.

1.1.125 **"Rate Center Area"** means the following in each applicable area:

1.1.125.1 **"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.

1.1.125.2 **"Rating Point"** means the V&H coordinates associated with a particular telephone number for rating purposes.

1.1.126 **"Referral Announcement"** refers to a process by which calls are routed to an announcement that states the new telephone number of an End User.

1.1.127 **"Remote End Office Switch"** is an SBC MISSOURI 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 SBC MISSOURI End Office Switch. Such features function, and capabilities are provided to the SBC MISSOURI Remote End Office Switch via an umbilical to an SBC MISSOURI Host End Office.

1.1.128 **"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.

1.1.129 **"SBC Communications Inc."** (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC KANSAS and/or SBC Texas, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.1.130 **"SBC MISSOURI"** - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI, the applicable SBC-owned ILEC doing business in MISSOURI.

1.1.131 **"Section 251(b)(5) Traffic"** is as defined in Attachment 12: Intercarrier Compensation.

1.1.132 **"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 SBC-MISSOURI where SBC-MISSOURI is both the Section 251(b)(5) Traffic and intraLATA toll provider.

1.1.133 **"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.

1.1.134 **"Service Management System"** (SMS) means an off-line system used to access, create, modify, or update information in a Database.

1.1.135 **"Service Provider Number Portability"** (SPNP) is synonymous with Permanent Number Portability "PNP".

1.1.136 **"Service Switching Point"** (SSP) is a telephone central office switch equipped with a Signaling System 7 (SS7) interface.

1.1.137 **"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.

1.1.138 **"Signaling System 7"** (SS7) means a signaling protocol used by the CCS Network.

1.1.139 **"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.

1.1.140 **"Special Billing Number"** (SBN) means a Line Record in LIDB that is based on an NXX-0/1XX numbering format. NXX-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of a SBN is either a zero (0) or a one (1).

1.1.141 **"State Abbreviation"** means the following:

1.1.142 **"Switched Access Detail Usage Data"** means a category 1101xx record as defined in the EMI Telecordia Practice BR 010-200-010.

1.1.143 **"Switched Exchange Access Service"** means the offering of transmission or switching cervices 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.

1.1.144 **"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.

1.1.145 **"Telecommunications"** is As Defined in the Act.

1.1.146 **"Telecommunications Carrier"** is As Defined in the Act.

1.1.147 **"Telecommunications Service"** is As Defined in the Act.

1.1.148 **"Telephone Exchange Service"** is As Defined in the Act.

1.1.149 **"Telephone Toll Service"** is As Defined in the Act.

1.1.150 **"Third Party"** means any Person other than a Party.

1.1.151 **"Toll Billing Exception Service"** (TBE) means a service that allows End Users to restrict third number billing or collect calls to their lines.

1.1.152 **"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).

1.1.153 **"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.

1.1.154 **"Trunk"** means a communication line between two switching systems.

1.1.155 **"Trunk-Side"** refers to a Central Office Switch connection that is capable of, and has been programmed to treat the circuit as connecting to another switching entity (for example another Central Office switch). Trunk-Side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

1.1.156 **"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.

1.1.157 **"Virtual Collocation"** is as defined in Appendix Virtual Collocation.

1.1.158 **"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 SBC MISSOURI or 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 Schedule, Customized Routing - Resale, DA - Resale, OS - Resale and White Pages - Resale, (collectively referred to as "Attachment Resale" or "this Attachment").

1.0 GENERAL REQUIREMENTS

1.1 At the request of CLEC, and pursuant to the requirements of the Act, any telecommunications service that SBC MISSOURI 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 SBC MISSOURI 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 conditions or limitations on, the resale of its telecommunication service pursuant to 251(b)(1) of the Act.

1.2 SBC MISSOURI 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 73, also apply.

Consistent with Section 2.5 of the General Terms and Condition of this Agreement, SBC MISSOURI shall provide Resale Services under the following terms and conditions in this Attachment Resale.

1.3 SBC MISSOURI 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. Except as otherwise expressed herein, SBC MISSOURI also will make available for resale to CLEC at the wholesale discount rate ordered by the State Commission any other Telecommunications Services offered by SBC MISSOURI and not listed in Pricing Schedule. Conformed pursuant to Missouri Commission Award- Resale issue # 1.

1.4 SBC MISSOURI will make available to CLEC resale SBC MISSOURI's Bill Plus service at a discount of five per cent (5%) off of SBC MISSOURI's tariffed rate for each service. Consolidated Billing is available at no charge.

1.5 SBC MISSOURI, will make available to CLEC, including but not limited to for resale the following SBC MISSOURI services at SBC MISSOURI's tariffed rate for each service (or in the event a service is not tariffed, at the rate SBC MISSOURI charges its subscribers, except as otherwise provided herein):

- Construction Charges
- Connections with Terminal Equipment and Communications Systems
- Maintenance of Service Charges
- Suspension Services/Restoral Services
- Telecommunications Service Priority Systems

- Access Services
- Shared Tenant Service
- Distance Learning

1.6 The following services are not being made available by SBC MISSOURI 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 SBC MISSOURI 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.

Subject to any blocking that may be ordered by CLEC for its customers, to the extent Directory Assistance (DA) services are provided to SBC MISSOURI's customers, SBC MISSOURI shall provide CLEC's customers access to SBC MISSOURI's Directory Assistance services.

Subject to any blocking that may be ordered by CLEC for its customers, SBC MISSOURI will provide access to Operator Services ("OS") to CLEC's customers to the same extent it provides OS to its own customers.

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, SBC MISSOURI will perform all of its obligations hereunder throughout the entire service area where SBC MISSOURI is the incumbent local exchange carrier. SBC MISSOURI 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 customers except for grandfathered services. However, CLEC may only offer grandfathered services to customers that are eligible to receive grandfathered services from SBC MISSOURI. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

1.12 Unless stayed, modified or reversed on appeal or reconsideration, SBC MISSOURI will not apply the continuous property tariff for Plexar services, which was previously found reasonable by the Commission. The parties recognize that CLEC's right to aggregate end user traffic when reselling optional calling plans is in dispute before the United States Court of Appeals for the Tenth Circuit,

Case No. 00-6030. During the pendency of that case, CLEC may aggregate end user traffic when reselling optional calling plans. The parties acknowledge, however, that the decision of that court, or a decision in proceedings on remand therefrom, may make modification of this section appropriate. In such event, the Parties shall expend diligent efforts to arrive at an agreement regarding the appropriate conforming modification to this section, and, if negotiations fail, disputes between the Parties concerning the appropriate conforming modification shall be resolved pursuant to the dispute resolution process provided for in this Agreement. Additional tariff restrictions, other than the cross-class restriction allowed by FTA96 Section 251(c)(4)(B), are presumptively unreasonable.

1.13 CLEC may terminate any Resale service within the period specified for termination of such Resale service in SBC MISSOURI'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 SBC MISSOURI on terms and conditions that are reasonable and nondiscriminatory.

2.0 BRANDING

2.1 CLEC is free to brand the Resale services that SBC MISSOURI provides to CLEC under the provisions of this Agreement. SBC MISSOURI will not brand such Resale services provided to CLEC under this Agreement as being SBC MISSOURI's services, although certain SBC MISSOURI's retail services that utilize electronic branding are subject to the further provisions of Section 2.1.1 below.

2.1.1 SBC MISSOURI offers certain retail services that utilize electronic branding to designate the services as SBC MISSOURI's retail services. Subject to applicable law, to the extent such services are made available for resale to CLEC customers, CLEC may request SBC MISSOURI to rebrand such services as CLEC services or to offer them without a brand. SBC MISSOURI will review such requests in a timely manner and provide a cost estimate. CLEC agrees to reimburse SBC MISSOURI 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 SBC MISSOURI as of the effective date of this Agreement. To the extent other LSPs subsequently utilize such unbranded services, SBC MISSOURI agrees to reimburse CLEC for a reasonable portion of its costs. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

2.2 CLEC will provide the exclusive interface to CLEC customers in connection with the marketing, offering or provision of CLEC services, except as otherwise provided in this Agreement. In those instances where SBC MISSOURI personnel interface directly with CLEC customers 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. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

2.3 Branding provisions concerning SBC MISSOURI'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. Conformed pursuant to Missouri Commission Award GT&C issue #23.

2.4

2.4 CLEC will not, without SBC MISSOURI'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 SBC MISSOURI or its affiliates.

3.0 CHANGE IN END USER LOCAL SERVICE PROVIDER

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.

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 (e.g. Plexar Custom) will be handled on a Customer Specific Proposal basis.

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 SBC MISSOURI or another LSP to CLEC, SBC MISSOURI 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 charges.

3.3 For the 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 SBC MISSOURI'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, CLEC may choose to replace LIDB data with its own information or retain the information from the previous provider. CLEC resold service will retain all LIDB functionality equal to that of SBC retail service.

Section 3 is conformed pursuant to Missouri Commission Award – Resale issue #2

4.0 PRICING

4.1 The prices charged or discounts applied to CLEC for Resale service are set forth in Pricing Schedule.
Conformed pursuant to Missouri Commission Award- Resale issue # 1.

4.2 Resale services offered by SBC MISSOURI through promotions will be available to CLEC on terms and conditions no less favorable that those SBC MISSOURI makes available to its customers, provided that for promotions of 90 days or less, SBC MISSOURI will offer the services to CLEC for resale at the promotional rate without a wholesale discount. For promotions of more than 90 days, SBC MISSOURI will make the services available at the avoided cost discount from the promotional rate.

5.0 NO RESTRICTIONS ON RESALE

5.1 CLEC may resell Resale services to provide telecommunications services to any and all categories of subscribers, unless the MISSOURI commission determines otherwise as to a service obtained at wholesale rates. CLEC will not resell to business customers SBC MISSOURI's Resale services that are restricted by SBC MISSOURI's tariffs to use by residential subscribers. SBC MISSOURI is not required to make services available for resale at wholesale rates to CLEC for its own use. CLEC may only resell Lifeline Assistance, Link-Up, and other like services to similarly situated customers who are eligible for such services. Further, to the extent CLEC resells services that require certification on the part of the buyer, CLEC will ensure that the buyer has received proper certification and complies with all rules and regulations as established by the Commission. SBC MISSOURI will not prohibit, nor impose unreasonable or discriminatory conditions or limitations on the resale of its Telecommunications Services.
Conformed pursuant to Missouri Commission Award- GT&C issue #23.

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 permits its end users to use resold Resale services to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.

6.0 DIALING PARITY

6.1 For all call types associated with the Resale services provided to CLEC by SBC MISSOURI under this Agreement: (i) a CLEC Customer will not be required to dial any greater number of digits than a similarly-situated SBC MISSOURI 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 Customer will be at least equal in quality to that received by a similarly situated SBC MISSOURI customer; and (iii) the CLEC Customer may retain its local telephone number provided the customer remains within the same wire center. End users of CLEC and end users of SBC MISSOURI 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. Conformed pursuant to Missouri Commission Award- GT&C issue #23.

7.0 MAINTENANCE

Maintenance will be provided by SBC MISSOURI 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.

8.0 CHANGES IN RETAIL SERVICE

8.1 SBC MISSOURI will notify CLEC, via Accessible Letter, at the time the tariff is filed with the MISSOURI Corporation Commission for price deregulated days prior to the time a tariff is filed with the MISSOURI Corporation Commission for all other regulated services, of any changes in the prices, terms and conditions under which SBC MISSOURI offers telecommunications services at retail to subscribers who are not telecommunications service providers or carriers, including, but not limited to, the introduction of any new features, functions, services, promotions, or the discontinuance of current features or services. Resolved issue DPL #3

9.0 BILLING FOR LOCAL SERVICE

9.1 SBC MISSOURI will bill CLEC for Resale services provided by SBC MISSOURI 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 SBC MISSOURI 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.

10.0 OPERATIONAL REQUIREMENTS

10.1 For terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" for CLEC for pre-ordering, ordering, provisioning, maintenance/repair, and billing provided by SBC MISSOURI, see Attachment 27 Operation Support Systems (OSS) and, for manual ordering, in accordance with the terms and conditions contained in Attachment 2: Manual Ordering and Provisioning-Resale.

10.2 SBC MISSOURI 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.

11.0 RESPONSIBILITY FOR ABS CALLS

11.1 If CLEC does not wish to be responsible for payment of charges for collect, third number billed, toll and information services (for example, 900) calls, it must order the appropriate blocking for lines provided under this Appendix and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to customers. CLEC acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion CLEC is not responsible for charges the customer generates by accepting calls from facilities such as prisons, correctional facilities, etc as long as CLEC has appropriately ordered TBE (Toll Billing Exception) Blocking on the End User's line. Such calls (leakage) that are delivered to an End User line, which has had TBE Blocking appropriately ordered, shall not be the responsibility of the CLEC and shall be adjusted off the CLEC's bill.

APPENDIX SERVICES/PRICING

1.0 This Appendix Services/Pricing describes several services which SBC MISSOURI 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 SBC MISSOURI 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.

2.0 PLEXAR® FAMILIES OF SERVICES REQUIREMENTS

2.1 CLEC may purchase the entire set PLEXAR families of services and features or a subset of any one or any combination of such features in conjunction with PLEXAR services. CENTREX is a Grandfathered Service and CLEC may only offer it to customers that are eligible to receive CENTREX from SBC MISSOURI. The PLEXAR families of services provided for resale will meet the following requirements:

2.1.1 All features and functions of PLEXAR families of services, whether offered under tariff or otherwise, will be available to CLEC for resale.

2.1.2 To the extent that CLEC claims that a particular use limitation, term, or condition in SBC MISSOURI' Plexar Tariff which has been approved by the State Commission is inconsistent with the Act or other applicable law, CLEC will nontheless enforce said use limitation, term or condition until it is determined by the appropriate authority to be unlawful

2.2 CLEC may aggregate the PLEXAR families of services, local exchange and IntraLATA traffic usage of CLEC Customers to qualify for volume discounts on the basis of such aggregated usage.

2.3 CLEC may aggregate multiple CLEC Customers on dedicated access facilities. CLEC will pay the rates for DS-1 termination set forth herein for such service.

2.4 CLEC may be required to pay a charge, for the cost of suppressing the need for CLEC Customers to dial "9" when placing calls outside the PLEXAR families of services.

2.5 CLEC may use off-premises extensions in conjunction with the Private Line Services and PLEXAR families of services to provide service to CLEC Resale service customers having locations outside of the geographic territory in which SBC MISSOURI provides local exchange service as the incumbent LEC.

2.6 CLEC may purchase any and all levels of PLEXAR families of services (e.g., PLEXAR I, PLEXAR II, PLEXAR Custom, or PLEXAR Express) for resale.

2.7 SBC MISSOURI will furnish PLEXAR Custom services to CLEC for resale subject to Section 2.1.1 of this Appendix. SBC MISSOURI provision of PLEXAR Custom will be as specified in this paragraph. SBC MISSOURI will offer CLEC the same price SBC MISSOURI provides to its Customers less costs that will be avoided. In addition, SBC MISSOURI will provide CLEC with the same technical and system design support that SBC MISSOURI makes available to SBC MISSOURI' PLEXAR® Custom sales teams and agents. Such support will be provided by SBC MISSOURI to CLEC with the same quality and timelines that SBC MISSOURI provides to SBC MISSOURI' PLEXAR sales teams and agents. Access to appropriate training for PLEXAR Custom sales and sales support will be provided to CLEC by SBC MISSOURI at a reasonable price, mutually acceptable to SBC MISSOURI and CLEC.

3.0 CLASS AND CUSTOM FEATURES REQUIREMENTS

3.1 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. SBC MISSOURI will provide to CLEC a list of all services and features. As requested by CLEC, SBC MISSOURI 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 SBC MISSOURI differs from the tariff, the tariff prevails. SBC MISSOURI will provide all features and services pursuant to the provisions of Attachment 2: Ordering and Provisioning.

4.0 VOLUNTARY FEDERAL CUSTOMER FINANCIAL ASSISTANCE PROGRAMS

4.1 Local Services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body, include programs such as Voluntary Federal Customer Financial Assistance Program and Link-Up America. When such SBC MISSOURI customers choose to obtain Resale service from CLEC, SBC MISSOURI will confirm such customers' eligibility to participate in such SBC MISSOURI programs 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 SBC MISSOURI' Voluntary Federal Customer Financial Assistance Programs services are eligible to receive same.

5.0 E911/911 SERVICES

5.1 Where available SBC MISSOURI 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 SBC MISSOURI, CLEC will provide SBC MISSOURI with accurate and complete information regarding its customers in a format and time frame prescribed by SBC MISSOURI for purposes of 911 administration. SBC MISSOURI will provide to CLEC, for CLEC Customers, E911/911 call routing to the appropriate PSAP. SBC MISSOURI will make CLEC Customer information available to the appropriate PSAP. SBC MISSOURI shall 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.

6.0 SERVICES TO DISABLED CUSTOMERS

6.1 SBC MISSOURI agrees any services it offers to disabled customers will be made available to CLEC for its customers who qualify as disabled customers. When an SBC MISSOURI customer eligible for services offered to disabled customers chooses to obtain Resale services from CLEC, SBC MISSOURI 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 SBC MISSOURI' disabled services are eligible to receive same.

7.0 TELEPHONE RELAY SERVICE

7.1 Where SBC MISSOURI 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"), SBC MISSOURI will make such service available to CLEC at no additional charge, for use by CLEC customers who are speech or hearing-impaired. If SBC MISSOURI maintains a record of customers who qualify under any applicable law for Telephone Relay Service, SBC MISSOURI will make such data available to CLEC as it pertains to CLEC Resale service customers.

8.0 LIFELINE SERVICES

8.1 "Lifeline Services" are Resale services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body. SBC MISSOURI agrees that any Lifeline Services it offers to customers will be available to CLEC for customers who meet such eligibility requirements.

8.2 When a SBC MISSOURI Lifeline Services customer chooses to obtain Resale service from CLEC, SBC MISSOURI will confirm such SBC MISSOURI customer's Lifeline Service eligibility 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 SBC MISSOURI' Lifeline Services are eligible to receive same.

8.3 SBC MISSOURI will provide the Lifeline Service to CLEC at the MISSOURI Lifeline Local Exchange Tariff rate, less an additional CLEC state discount as specified in Pricing Schedule. SBC MISSOURI is the entity eligible to apply to and receive support from the MISSOURI Universal Service Fund and the Federal Universal Service Fund for Lifeline Service. Conformed pursuant to Missouri Commission Award- Resale issue # 1.

9.0 ADVANCED INTELLIGENT NETWORK

9.1 CLEC may purchase those Advanced Intelligent Network ("AIN") Telecommunication Services SBC MISSOURI offers at retail, under tariff or otherwise, to subscribers who are not telecommunications carriers.

9.2 All service levels, features and function components of AIN provided by SBC MISSOURI and offered for resale by CLEC will be provided by SBC MISSOURI at parity with the same services SBC MISSOURI offers to its own customers.

9.3 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.

10.0 PAY PHONE SERVICES

SBC MISSOURI will provide Payphone Exchange Access Service, including SmartCoin Service, to CLEC at a wholesale discount, for resale, pursuant to SBC MISSOURI' applicable tariffs.

11.0 CALL TRACE

11.1 CLEC end user's activation of Call Trace shall be handled by the SBC MISSOURI Call Trace Center (CTC). SBC MISSOURI 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.

11.2 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 SBC MISSOURI against any claims that insufficient information led to inadequate prosecution.

12.0 SUSPENSION SERVICES

12.1 CLEC may offer to resell Customer Initiated Suspension and Restoral Service to their customers. CLEC may also provide a Company Initiated Suspension service for their own purposes. Should CLEC choose to suspend their end user through Company Initiated Suspension Service, this suspension period shall not exceed fifteen (15) calendar days. If CLEC issues a disconnect on their end user account within the fifteen (15) day period, appropriate services will not be billed for the suspension period. However, should CLEC issue a disconnect after the fifteen (15) day suspension period, CLEC will be responsible for all appropriate charges on the account back to the suspension date. Should CLEC restore their end user, a Service Connection charge for restoral of service will apply and CLEC will be billed for the appropriate service from the time of suspension.

13.0 PAYMENTS OF RATES & CHARGES FROM A THIRD PARTY

13.1 Interexchange carried traffic (e.g., sent-paid, information services and alternate operator services messages) received by SBC MISSOURI 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 SBC MISSOURI.

14.0 SERVICES AVAILABLE FOR RESALE AND ASSOCIATED PRICES

14.1 SBC MISSOURI's Retail Telecommunications Services available for Resale at a 21.6% discount are listed on Pricing Schedule. Conformed pursuant to Missouri Commission Award- Resale issue # 1. Resolved issue DPL # 4

APPENDIX CUSTOMIZED ROUTING-RESALE

This Appendix to Attachment 1: Resale contains provisions concerning customized routing of Directory Assistance, Operator Services and related Resale services.

1.0 CUSTOMIZED ROUTING OF CLEC DIRECTORY ASSISTANCE AND OPERATOR SERVICES

1.1 Where CLEC purchases Resale services, and elects to provide Directory Assistance and Operator Services to its customers through its own Directory Assistance and Operator Services platforms, SBC MISSOURI will provide the functionality and features required to route all calls from CLEC Customers for Directory Assistance and Operator Services to the CLEC designated trunks for the provision of CLEC Directory Assistance and Operator Services, in accordance with Section 1.2 of this Appendix.

1.2 SBC MISSOURI will make available to CLEC the ability to route Directory Assistance and Operator Services calls (1+411, 0+411, 0- and 0+ Local) dialed by CLEC customers directly to the CLEC Directory Assistance and Operator Services platform. If the State Commission rules or the Parties agree that CLEC is entitled to IntraLATA toll on resale services and/or unbundled switch elements, SBC MISSOURI agrees to customized routing of the following types of calls: 0+IntraLATA toll, 0+HNPA-555-1212, 1+HNPA-555-1212. For calls that SBC MISSOURI delivers to CLEC with the required signaling and data, CLEC will complete the call.

1.3 SBC MISSOURI is free to choose the methodology deployed in SBC MISSOURI's network to perform customized routing of Directory Assistance and Operator Services.

1.4 SBC MISSOURI will provide the functionality and features within its local switch (LS) to route CLEC customer-dialed Directory Assistance local calls to CLEC designated trunks via Feature Group C signaling or as the Parties may otherwise agree, for direct-dialed calls (e.g., sent paid).

1.5 SBC MISSOURI will provide the functionality and features within its LS to route CLEC customer dialed 0/0+ local and IntraLATA calls to the CLEC designated trunks via Feature Group C signaling.

1.6 The Parties agree that, in the event of an emergency wherein an CLEC customer must reach a non-CLEC customer that has a non-published telephone number, the CLEC operator will contact SBC MISSOURI's operator and request the assistance of a supervisor as is done by SBC MISSOURI's operators.

1.7 SBC MISSOURI will provide the functionality and features within its LS providing the resold local service to route CLEC customer dialed 0- and 0+ local calls to the CLEC designated trunks via Modified Operator Services (MOS) Feature Group C signaling. In all cases, SBC MISSOURI will provide post-dial delay at least equal to that provided by SBC MISSOURI for its end user customers.

1.8 SBC MISSOURI will forward with all Directory Assistance and Operator Services calls from CLEC customers all appropriate line data required by CLEC to identify the type of line. Such data shall include, but not be limited to, originating line number, ii digits, line class code, and any other data elements required to allow CLEC to appropriately identify the originating line for purposes of call handling and recording.

1.9 All direct routing capabilities described herein will permit CLEC customers to dial the same telephone numbers for CLEC Directory Assistance and Operator Services that similarly-situated SBC MISSOURI customers dial for reaching equivalent SBC MISSOURI services.

2.0 OPERATOR SERVICES BUSY LINE VERIFICATION/EMERGENCY INTERRUPT

2.1 SBC MISSOURI will provide access to Operator Services Busy Line Verification/Emergency Interrupt (BLV/EI) for Resale services. Such access will be performed by the SBC MISSOURI operator upon receipt of a request from an CLEC operator. SBC MISSOURI will meet the same performance results for CLEC customer requests as it does for SBC MISSOURI customer requests and will size the trunk groups required to perform this function in accordance with the volume demands. SBC MISSOURI will provide to CLEC performance reports for the BLV/EI access and success rates on a quarterly basis for the next 12 months from the date of the Agreement or as mutually agreed to between the Parties. CLEC acknowledges that SBC MISSOURI will not be able to separate CLEC and SBC MISSOURI results.

3.0 PRICING

3.1 The rates for Customized Routing- Resale are available in the Pricing Schedule.
Conformed pursuant to Missouri Commission Award- Resale issue # 1.

APPENDIX DA-RESALE

SBC MISSOURI-PROVIDED DIRECTORY ASSISTANCE SERVICE

This Appendix DA-Resale to Attachment 1: Resale sets forth the terms and conditions under which SBC MISSOURI agrees to provide Directory Assistance Service (DA Service) for CLEC, but only upon CLEC's request therefor.

1.0 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 SBC MISSOURI methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available, to CLEC's retail end users who dial 411, 1/0+411, 555-1212, 1/0+555-1212 or 1/0+NPA-555-1212 or other dialing arrangement.
Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

1.2 Directory Assistance Call Completion (DACC) service consists of SBC MISSOURI 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. SBC MISSOURI will provide DACC to CLEC's customers for local and intrastate intraLATA calls. In the event and to the extent that SBC MISSOURI provides DACC service to its own customers for interstate intraLATA calls, it will provide such service to CLEC's customers.

1.3 SBC MISSOURI agrees to provide DACC only in areas where SBC MISSOURI can furnish Automatic Number Identification (ANI) from CLEC's customers to SBC MISSOURI' switch and where CLEC obtains DA service from SBC MISSOURI.

2.0 DIRECTORY ASSISTANCE SERVICES AND DEFINITIONS. SBC MISSOURI WILL PROVIDE THE FOLLOWING DA SERVICES:

2.1 Local Directory Assistance. Consists of providing published name, address and telephone number in the local calling area to the dialing end user.

2. 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..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.

2.3 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.

2.4 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.

2.5 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.

2.6 Non-List Telephone Number (also known as DA Only Telephone Number) - A Telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling a SBC MISSOURI DA Operator.

2.7 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 SBC MISSOURI DA Operator.

2.8 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling a SBC MISSOURI DA Operator.

2.9 IntraLATA Home NPA (HNPA) **-** Where a LATA is comprised of one area code or Numbering Plan Area (NPA).

2.10 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.

3.0 CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

3.1 Call Branding is the process by which an Operator, either live or recorded, may identify the DA provider as being CLEC audibly and distinctly to the CLEC retail end user at the beginning of each DA call. CLEC will provide SBC MISSOURI with the specific branding phrase to be used to identify CLEC. For CLECs electing to purchase Directory Assistance service from SBC MISSOURI, the CLEC may request either that SBC MISSOURI brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d). The Non-Recurring charges for loading the branded or silent announcement are set forth in the Pricing Schedule.

3.3 SBC MISSOURI Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users. The SBC MISSOURI DA Operators shall quote CLEC's retail OS/DA rates provided in the "Rate/Reference" input from the CLEC. If further inquiries are made about rates, billing and/or other "business office" questions, SBC MISSOURI's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also in the "Rate/Reference" input from the CLEC). In all cases the rates and business office references quoted to the customer and those applied to the call will be CLEC's, and not SBC MISSOURI. The Non-Recurring charges for loading the Rate/Reference inputs from CLEC are set forth in the Pricing Schedule.

4.0 RESPONSIBILITIES OF SBC MISSOURI

4.1 SBC MISSOURI will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from SBC MISSOURI.

4.2 SBC MISSOURI will provide and maintain its own equipment to furnish DA Services, including equipment necessary for routing calls and signals to the SBC MISSOURI serving office.

4.3 SBC MISSOURI will provide DA Service to CLEC customers using current and updated DA records and in accordance with SBC MISSOURI's current methods, practices, and procedures or as subsequently modified. Such DA Service shall be equivalent to that provided to SBC MISSOURI End Users, as documented in SBC MISSOURI' tariffs, including permitting multiple End User queries per directory assistance call, where applicable.

4.4 SBC MISSOURI will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or NPA+555-1212.

4.5 SBC MISSOURI will include current CLEC customer listing information in SBC MISSOURI' DA database.

5.0 PRICING

5.1 Rates to be charged to CLEC by SBC MISSOURI for the DA Services provided pursuant to this Appendix are set forth in the Pricing Schedule. Where SBC MISSOURI affords customers making calls to DA a monthly free call allowance, SBC MISSOURI will afford CLEC's customers making calls to DA the same monthly free call allowance, and will not charge CLEC for such calls.

6.0 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.

7.0 TERM OF APPENDIX

7.1 This Attachment will continue in force for the length of the Interconnection Agreement, but may be cancelled after no less than twelve (12) months of provision of service by SBC MISSOURI. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, which ever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC MISSOURI' DA services for a twelve month period, or anytime after CLEC has met the twelve (12) month period, CLEC may terminate use of SBC MISSOURI DA services upon one hundred-twenty (120) days advance written notice to SBC MISSOURI.

7.2 If CLEC terminates this Attachment prior to the expiration of the term of this Attachment, CLEC shall pay SBC MISSOURI, within thirty (30) days of the issuance of any bills by SBC MISSOURI, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service (average of actual monthly service is based upon the most current three (3) months of service), provided by SBC MISSOURI pursuant to this Attachment prior to the termination. However, if CLEC has fulfilled the twelve (12) month minimum service requirement, and provides one hundred-twenty (120) days notice, termination charges are not applicable.

APPENDIX OS-RESALE

SBC MISSOURI-PROVIDED LOCAL & INTRALATA OPERATOR ASSISTANCE SERVICES

This Appendix OS-Resale to Attachment 1: Resale sets forth the terms and conditions under which SBC MISSOURI 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.

1.0 SBC MISSOURI will provide the following three tiers of Operator Services:

1.1 Fully-Automated Call Processing - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of an SBC MISSOURI 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 SBC MISSOURI 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.

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.

2.0 SBC MISSOURI will provide to CLEC the call types in Sections 3.0 through 8.0 below:

3.0 Fully Automated Collect and Bill to Third Number Service - 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.

3.4 Fully Automated Calling Card Service - This service is provided when the caller dials zero (“0”), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Appendix is one for which SBC MISSOURI can perform billing validation.

4.0 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.

5.0 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.

6.0 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.

7.0 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.

8.0 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 SBC MISSOURI's Operator Transfer service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.

9.0 Call Branding - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC's audibly and distinctly to the CLEC retail end user at the beginning of each OS call. In all cases, SBC MISSOURI will brand OS call in CLEC's name. CLEC may request either that SBC MISSOURI brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d). Rates for CLEC branding, whether CLEC's name or silent, are located in the Appendix Pricing, Schedule of Prices.

9.1 CLEC will provide SBC MISSOURI with an Operator Services Questionnaire completed with the specific branding phrase to be used to identify CLEC or brand in silence at the CLECs request. The standard phrase will be consistent with the general form and content currently used by the CLEC in branding its respective services.

9.2 SBC MISSOURI Operator Services operators will provide Operator Services Rate Information upon request to CLEC's end users.

10.0 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 - SBC MISSOURI agrees to process emergency calls from CLEC Resale customers to an Operator in the same manner that SBC MISSOURI processes the same type of call for a SBC MISSOURI end user customer.

10.4 Calling Card - Calls billed to an CLEC proprietary calling card (0+ or 0- access) will be routed via transfer to the CLEC operator.

10.5 Reference/Rater Information - are SBC MISSOURI's databases referenced by an SBC MISSOURI Operator for CLEC OS specific information as provided by the CLEC such as its business office, repair and OS rates.

11.0 RESPONSIBILITIES OF THE PARTIES

11.1 SBC MISSOURI will provide and maintain such equipment as is required to furnish the Operator Services as described in this Appendix.

11.2 Facilities necessary for SBC MISSOURI to provide Operator Services to CLEC will be provided by SBC MISSOURI 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 SBC MISSOURI to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by SBC MISSOURI. CLEC will provide the initial data by a date mutually agreed to between CLEC and SBC MISSOURI. CLEC will keep this data current using procedures mutually agreed to by CLEC and SBC MISSOURI. CLEC will provide all data and changes to SBC MISSOURI in the mutually agreed to format(s).

11.4 SBC MISSOURI 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 as necessary for CLEC to verify traffic volumes and bill its end users.

12.0 METHODS AND PRACTICES

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

13.0 PRICING

13.1 Rates to be charged to CLEC by SBC MISSOURI for the Operator Services provided pursuant to this Appendix are set forth elsewhere in this Agreement.

14.0 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.

15.0 OPERATOR SERVICE (OS) REFERENCE/RATER INFORMATION

15.1 For SBC MISSOURI' TOPs switches that serve the exchanges where CLEC elects to purchase Operator Services, CLEC must provide CLEC Rate/Reference Information to SBC.

15.2 When an SBC MISSOURI Operator receives a rate request from a CLEC retail end user End User, where technically feasible and available, SBC MISSOURI will quote the applicable OS rates as provided by the CLEC.

15.3 CLEC must furnish OS Rate and Reference Information in accordance with the process outlined in the Operator Services Questionnaire (OSQ). CLEC will furnish to SBC MISSOURI a completed OSQ thirty (30) calendar days in advance of the date when the OS Services are to be undertaken. In all cases, the rates quoted to the CLEC retail end user End User and those applied to the call will be the CLEC's.

15.4 In accordance with the procedures set forth in the OSQ, CLEC may either adopt its own set of rates and charges for OS service (Custom Rates), or elect to duplicate the SBC MISSOURI' OS rates in effect at the time the OSQ is submitted ("Mirrored Rates"). In the event CLEC elects to use Custom Rates or SBC MISSOURI Mirrored Rates, such rates and charges will be provided and or updated by CLEC via the OSQ and quoted by the SBC KANAS Operator upon request of a caller from a CLEC-subscribed line. Once the CLEC's rates are loaded, if SBC MISSOURI changes its rates, SBC MISSOURI will not be responsible for updating CLEC's rates unless CLEC sends an update to its Reference/Rater information via the OSQ, pursuant to Section 15.5 below.

15.5 If CLEC utilizes Custom Rates and/or Mirror Rates, CLEC will inform SBC MISSOURI, via the Operator Services Questionnaire (OSQ) of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide SBC MISSOURI updated Rate/Reference Information in advance of when the Rate/Reference Information is to become effective.

15.6 An initial non-recurring charge will apply per state, per OCN, per TOPs switch for loading of CLEC's Custom or Mirrored OS Rate/Reference information. An additional non-recurring charge will apply per state, per OCN, per TOPs switch for each subsequent change to either the CLEC's Custom or Mirrored OS Rate or Reference information.

16.0 TERMS OF ATTACHMENT

16.1 This Attachment will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, which ever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC MISSOURI OS services for a twelve month period, or anytime after CLEC has met the twelve (12) month period, CLEC may terminate use of SBC MISSOURI DA services upon one hundred-twenty (120) days advance written notice to SBC MISSOURI.

16.2 If CLEC terminates this Attachment prior to the expiration of the term of this Attachment, CLEC shall pay SBC MISSOURI, within thirty (30) days of the issuance of any bills by SBC MISSOURI, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service (average of actual monthly service is based upon the most current three (3) months of service), provided by SBC MISSOURI pursuant to this Attachment prior to the

termination. However, if CLEC has fulfilled the twelve (12) month minimum service requirement, and provides one hundred-twenty days notice, termination charges are not applicable.

APPENDIX WHITE PAGES (WP) – RESALE

This Appendix White Pages - Resale (WP-Resale) to Attachment 1: Resale, sets forth SBC MISSOURI'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:

1.0 INTRODUCTION

1.1 SBC MISSOURI publishes White Pages directories for geographic local service areas in which CLEC also provides local exchange telephone service in the same area(s), and CLEC wishes to include listings information for its customers in the appropriate SBC MISSOURI 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 SBC MISSOURI 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.

2.0 SERVICE PROVIDED

2.1 SBC MISSOURI will use the practices and procedures and the rules and regulations applicable to its provision of White Pages directories on a nondiscriminatory basis. SBC MISSOURI 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. When CLEC provides its subscriber listing information to SBC MISSOURI's listings database, CLEC will receive for its End User, one primary listing in SBC MISSOURI's White Pages directory and a listing in SBC MISSOURI's directory assistance database.

2.2 CLEC will furnish to SBC MISSOURI subscriber listing information pertaining to CLEC customers located within the SBC MISSOURI local directory area, along with such additional information as SBC MISSOURI may require to prepare and print the alphabetical listings of said directory. SBC MISSOURI 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 listing information via the mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. CLEC will submit listing information within three (3) Business Days 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 retail end users. SBC MISSOURI shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates.

2.3 SBC MISSOURI will include the listing information for CLEC's customers for Resale services in SBC MISSOURI's White Pages directory database in the same manner as it includes listing information for SBC MISSOURI's end user customers.

2.4 SBC MISSOURI will provide**,** via the SBC CLEC Online web site, 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.

2.6 Publication schedules for the White Pages: CLEC can access via the SBC CLEC Online website, the directory close dates for areas where CLEC is providing local service. SBC MISSOURI 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 SBC MISSOURI'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.

SBC MISSOURI will deliver SBC MISSOURI'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 SBC MISSOURI's subscribers during the annual delivery of newly published directories.

2.9 SBC MISSOURI 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 SBC MISSOURI's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.

2.10 At its option, CLEC may purchase one (1) information pages (Customer Guide Pages) in the informational section of the SBC MISSOURI White Pages directory covering the geographic area(s) it is serving. This page will be in alphabetical order with other local service providers and will be no different in style, size, color and format than SBC MISSOURI information pages. CLEC will provide to SBC MISSOURI, sixty (60) days prior to the directory close date, the information page(s) in camera ready format. SBC MISSOURI will have the right to approve, and, with CLEC's agreement, SBC MISSOURI may, but is not required to, revise the format and content of such information page(s). See Appendix Pricing, Schedule of Prices, for rates associated with the Information Page.

2.11 SBC MISSOURI will include CLEC specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to CLEC on such page will be minimum size of 4 column directories = 1 ½" by 3 1/8", 3 column directories = 2" by 3", 2 column directories = 1 1/5" by 2 1/5" or the equivalent size as other local service providers listed in the Local Service Alternatives section of the directory. In order to have such information published sixty (60) calendar days prior to directory close date, CLEC will provide SBC MISSOURI the information to be published on the information page according to the instructions provided on SBC CLEC Online website (CLEC will be limited to a maximum of one representation of the "index type" information box in any single edition of a SBC MISSOURI White Pages directory, under either this Subsection or Attachment 19: White Pages-Other to this Agreement).

2.12 SBC MISSOURI will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the SBC CLEC Online website. Upon request, SBC MISSOURI will provide daily electronic directory

∗ Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

listing verification via SBC MISSOURI's White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully processed on the previous workday. Information for directory listing verification is located on the SBC CLEC Online website.

2.13 In addition, at least sixty (60) calendar days prior to the business office close date for a particular directory, SBC MISSOURI will provide CLEC, upon request, an electronic verification report, in directory appearance format, of all subscriber listings, containing the listing information that will appear in the directory. CLEC will make its request for this report at least eighty (80) days prior to the Business Office Close Date for a particular directory. SBC MISSOURI will accept standing requests for this report on those White Page directories specified by CLEC.

2.14 In addition at least sixty (60) calendar days prior to the business office close date for a particular directory, SBC MISSOURI will provide CLEC, upon request, a CLEC specific directory listing verification list, This verification list shall contain only CLEC's End Users and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will make its request for this verification list at least eighty (80) days prior to the Business Office Close Date for a particular directory. CLEC will review this electronic verification list and will submit any necessary additions, deletions or modifications to SBC MISSOURI via the appropriate directory listing correction process no less than thirty (30) days prior to the SBC MISSOURI Business Office Close date for that directory, provided that SBC MISSOURI made the electronic verification list available to CLEC in a timely manner as specified above.

3.0 OWNERSHIP AND USE OF SUBSCRIBER LISTING INFORMATION

3.1 Subscriber listing information for Resale services, maintained in SBC MISSOURI's White Page database including listings of CLEC Customers, is and will remain the property of SBC MISSOURI. SBC MISSOURI 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.

4.0 Rates

*4.1 Rates associated with this Attachment are in the Price Schedule.

*4.2 CLEC may purchase non-published, non-listed, foreign, enhanced or other listings in addition to the primary listing on a per listing basis and will pay SBC MISSOURI amounts attributable to such listings used by its customers in accordance with the applicable SBC MISSOURI tariff.

ATTACHMENT 2: MANUAL ORDERING AND PROVISIONING - RESALE

1.0 GENERAL REQUIREMENTS

1.1 Except as provided in Attachment 27: Operations Support System (OSS) SBC MISSOURI will provide pre-order, ordering and provisioning services for manually submitted orders, conversion orders and/or manual migration orders associated with SBC MISSOURI' 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, SBC MISSOURI will provide pre-order, ordering and provisioning services in parity to the services SBC MISSOURI provides to its customers. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

1.3 SBC MISSOURI will, and CLEC may, participate 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 SBC MISSOURI' (LSPOR) and for, ordering and provisioning to utilize the pursuant to the most current version of SBC MISSOURI' Local Service Pre-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 SBC MISSOURI 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 (SBC MISSOURI' 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 SBC MISSOURI 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, SBC MISSOURI' LSC will respond to the CLEC's calls with the same level of service in which SBC MISSOURI provides to its local exchange Customers. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

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) between 8:00 A.M. C.S.T. to 5:30 P.M., C.S.T., Monday through Friday (except holidays).

1.8 SBC MISSOURI will respond to emergency requests for after hours provisioning via the Local Ordering Center (LOC), 24 hrs/day, 7 days a week**.** SBC MISSOURI will provide ordering, provisioning and migration services for Resale services Monday through Friday from 8 a.m. to 5:30 p.m. through its LSC or LOC as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that SBC MISSOURI provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday from 8 A.M. to 5:30 P.M.) ordering, provisioning and migration services. For each request SBC MISSOURI 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 CLEC accepts SBC MISSOURI' quote, SBC MISSOURI will perform such services to the Requesting Party in the same manner as it does for itself and will bill CLEC the Requesting Party for the actual hours worked and material used.

1.9 SBC MISSOURI will provide CLEC with the same provisioning intervals and procedures for design and complex services that it provides to its customers End Users.

1.10 SBC MISSOURI will provide a Layout Record Cards for designed or complex Resale services, upon request by the CLEC.

1.11 SBC MISSOURI will provide to CLEC advanced information on the details and requirements for planning and implementation of NPA splits within its servicing area.

1.12 SBC MISSOURI will provide a subset of the Street Address Guide (SAG), which includes street addresses and the associated serving switches, enabling CLEC to map a customer address to a specific serving switch via CDROM, its website or other mutually agreed upon methods. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

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 customer**,** including the Parties to this Agreement. Conformed pursuant to Missouri Commission Award- GTC issue # 23.

1.14 SBC will, and CLEC may, participate in 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 SBC MISSOURI and CLEC will work cooperatively regarding fraud and service annoyance call handling.

1.16 All misdirected calls from CLEC's customers will be given a recording (or a live statement) directing them to call their local provider. To the extent procedures change such that CLEC customersbecome identifiable, such customers will be directed to call CLEC at a designated 800 number. CLEC and SBC MISSOURI will agree on the scripts to be used for this purpose. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

1.17 SBC MISSOURI's LSC or equivalent will provide coordination support for all designed and/or complex Resale services provided to CLEC. Services for which such support is to be provided include, without limitation, Data Services, Voice Grade Private Line, and ISDN PRI and BRI.

1.18 SBC MISSOURI will provide CLEC, upon request and not more than once per quarter, an electronic compare file that will contain the subscriber information stored in the SBC MISSOURI 9-1-1 database for customers served by CLEC through resale. CLEC may request that electronic compare files be provided for all of CLEC's resale customer accounts in MISSOURI (sorted by NPA), or by specific NPA. At CLEC's option, SBC MISSOURI will provide the electronic compare file on diskette, or by e-mail to CLEC. The compare file will be created in accordance with NENA standards on data exchange. Requests for electronic compare files will be processed by SBC MISSOURI within 14 days of receipt of CLEC's request. CLEC will review the electronic compare file(s) for accuracy, and submit any necessary corrections to SBC MISSOURI via the appropriate 911 listing correction process. Should CLEC wish to obtain the 911 compare file more frequently than once per quarter, terms and conditions for such additional access will be mutually agreed by the Parties.
Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

2.0 PRE-ORDER AND ORDERING REQUIREMENTS

2.1 SBC MISSOURI will provide to CLEC a Firm Order Confirmation (FOC), service completion, and other provisioning data and information.

2.2 Absent a Missouri Commission ruling on migration activity. For migration activity, in response to a CLEC's CSR (Customer Service Request) SBC MISSOURI 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, SBC MISSOURI will:

2.2.1 Identify features and services to which the customer subscribes**.** CLEC agrees that its representatives will not access the information specified in this Subsection unless CLEC has obtained an authorization for release of CPNI;

2.2.2 SBC MISSOURI will assign a telephone number (if the customer does not have one assigned). Reservation and aging of these numbers remain SBC MISSOURI' responsibility;

Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

2.2.3 Perform address verification.

2.2.4 Determine if a service call is needed to install the line or service;

2.2.5 Provide service availability dates to the customer;

2.2.6 Provide information regarding the dispatch/installation schedule, if applicable; and

2.2.7 Provide PIC options for intraLATA toll and interLATA toll.

2.3 All CSR data exchanged must include English, USOC and FID format.

3.0 ORDERING REQUIREMENTS

3.1 Pursuant to Attachment 1 Resale and upon CLEC's request through a non-vacation Suspend/Restore order, SBC MISSOURI will suspend or restore the functionality of any applicable Resale service, where technically feasible and in parity with SBC MISSOURI's customers**.** Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

3.2 For the purposes of CLEC's ordering service furnished under this Attachment, each request for new service (that is, service not currently being provided to the Customer on the SBC MISSOURI, without regard to the identity of that customer'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 the Pricing Schedule. Conformed pursuant to Missouri Commission Award- resale issue # 1.

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 customer premises to

which a residential line is currently provided on SBC MISSOURI' network, without regard to the identity of that Customer's non-facilities based local service provider of record.
Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

3.4 When a CLEC Customer 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 the Pricing Schedule and are applied per billable telephone number. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

3.5 SBC MISSOURI 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 SBC MISSOURI provides such blocking capabilities to its customers and to the extent required by law.

3.6 When ordering a Resale service**,** CLEC may order from SBC MISSOURI 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. SBC MISSOURI will accept PIC change orders for intraLATA toll and long distance services.

3.7 When CLEC 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 SBC MISSOURI converts a CLEC customer'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; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)." Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

3.9 SBC MISSOURI will provide standard provisioning intervals for all Resale services.

3.10 SBC MISSOURI 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. SBC MISSOURI will use a mechanized process to ensure that SBC MISSOURI' directory listing, 911 and LIDB information for the customer is not deleted during the process of converting that customer to resold service provided by a CLEC. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

4.0 PROVISIONING REQUIREMENTS

4.1 Except in the event of the migration of a customer's service**,** only the provider of record can make changes to that customer's service. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

4.2 Upon request from CLEC, SBC MISSOURI will provide an intercept referral message that includes any new telephone number of a CLEC customer for the same period of time that SBC MISSOURI provides such messages for its own customers. CLEC and SBC MISSOURI will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by SBC MISSOURI for its own customers. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

4.3 SBC MISSOURI 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, SBC MISSOURI will provide CLEC an SOC (Service Order Completion) notice via facsimile or other mutually agreed upon method.

4.5 Where available, SBC MISSOURI 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, SBC MISSOURI will provide CLEC any reject error notifications via facsimile or other method agreed upon by the Parties.

4.7 When available, SBC MISSOURI will provide CLEC notice when SBC MISSOURI' committed Due Date (DD) is in jeopardy of not being met by SBC MISSOURI on any Resale service via facsimile or other method as mutually agreed upon by the Parties. When available*,* SBC MISSOURI will concurrently provide the revised DD via facsimile or other method as agreed upon by the Parties.

4.8 When a SBC MISSOURI employee visits the premises of a CLEC customer, the SBC MISSOURI employee must inform the customer that he or she is there acting on behalf of their local service provider. Materials left at the customer- premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that SBC MISSOURI was on their premises acting on behalf of their local service provider.

4.9 SBC MISSOURI technicians will direct CLEC customer to contact their local service provider if a CLEC customer requests a change in service at the time of installation. Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

4.10 SBC MISSOURI 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. SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI' Resale tariffs, or as mutually agreed to by the Parties.

5.0 ORDER FORMAT AND DATA ELEMENTS FOR RESALE SERVICE

5.1 When ordering Resale services, CLEC will use SBC MISSOURI' 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 SBC MISSOURI to the CLEC, pursuant to SBC MISSOURI' most current version of the SBC MISSOURI LSOR, which will be made available via the SBC MISSOURI 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 SBC MISSOURI to CLEC, pursuant to the SBC MISSOURI' most current version of the SBC MISSOURI LSOR, which will be made available via the SBC MISSOURI website or as otherwise mutually agreed upon by the Parties.

6.0 ORDER DUE DATE

6.1 When CLEC places an order, SBC MISSOURI will specify a Desired Due Date (DDD) and SBC MISSOURI will specify a due date (DD) based on the available intervals. In the event SBC MISSOURI 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 the Pricing Schedule**.** Conformed pursuant to Missouri Commission Award- Resale issue # 1.

6.2 If expedited service is requested, CLEC will populate the Expedite and Expedite Reason on the request. SBC MISSOURI 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 SBC MISSOURI' Appendix Pricing, Schedule of Prices labeled "Service Order Charges Unbundled Element Expedited." SBC MISSOURI will not complete the order prior to the DD or later that the DD unless authorized by the CLEC.

7.0 INTENTIONALLY LEFT BLANK.

Conformed pursuant to Missouri Commission Award- Resale issue # 5.

8.0 CHARGING FOR PROCESSING OF REQUESTS FOR RESOLD SERVICES

8.1 When a CLEC customer 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. Conformed pursuant to Missouri Commission Award- GT&C issue # 23 and Resale issue #1.

8.2 When CLEC converts a customer'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 Appendix Pricing 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).” Conformed pursuant to Missouri Commission Award- GT&C issue # 23.

ATTACHMENT 3: MAINTENANCE - RESALE

1.0 GENERAL REQUIREMENTS

1.1 SBC MISSOURI will provide repair, maintenance and testing, for all Resale services in accordance with the terms and conditions of this Attachment.

2.0 MAINTENANCE REQUIREMENTS

2.1 SBC MISSOURI will provide maintenance for all Resale services ordered under this Agreement at levels equal to the maintenance provided by SBC MISSOURI in serving its end user customers, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management.

3.0 REPAIR SERVICE RESPONSE

3.1 SBC MISSOURI' technicians will provide repair service that is at least equal in quality to that provided to SBC MISSOURI's customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of SBC MISSOURI's customers. CLEC and SBC MISSOURI agree to use the severity and priority restoration guidelines set forth in SBC MISSOURI MMP 94-08-001 dated April 1996, and as subsequently modified.

4.0 INTERCOMPANY COMMUNICATIONS

4.1 SBC MISSOURI 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 Network Management Service Center ("NMSC") will utilize the CLEC's Network Management Center ("NMC") or other CLEC identified contacts listed in the "SBC13-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 a CLEC customer**.** Notification will be sent via e-mail, as designated in the CLEC Profile. The CLEC Customer Network Service Center ("CNSC") or the CLEC NMC may call the SBC MISSOURI Local Operation Center (LOC) 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.

5.0 EMERGENCY RESTORATION

5.1 SBC MISSOURI 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 LOC, the LOC will notify the affected CLEC;

5.1.1 Establishment of the SBC MISSOURI LOC 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.

5.1.2 Methods and procedures for reprovisioning of all Resale services after initial restoration. SBC MISSOURI agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with SBC MISSOURI TSP services for restoration. SBC MISSOURI the will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services.

6.0 MISDIRECTED REPAIR CALLS

6.1 All misdirected repair calls to SBC MISSOURI from CLEC customers will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI customers to a SBC MISSOURI designated number.

7.0 REPAIR PROCEDURES

7.1 SBC MISSOURI agrees to the following:

7.1.1 The SBC MISSOURI LOC will be on-line and operational twenty-four (24) hours per day, seven (7) days per week. 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.

7.1.2 While in manual mode operation, SBC MISSOURI will provide CLEC "estimated time to restore." Upon request, SBC MISSOURI' LOC 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 customer. All missed appointments (e.g., vendor meets) will be handled in the same way. See Attachment 27 OSS for any electronic processing. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to CLEC CNSC by 8 a.m. Central Time Zone) or another agreed upon method and will include all "closed tickets" from the previous day (including No Access and closed troubles).

7.1.3 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC CNMC within one (1) hour.

7.1.4 Performance measurements will be measured and reported to CLEC. The CLEC may request service improvement meetings with SBC MISSOURI if the quality of service provided to CLEC customers based on these measurements is less that that provided to SBC MISSOURI's customers. See Attachment 17 Performance Measurements.

7.1.5 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.

8.0 ESCALATION PROCEDURES

8.1 SBC MISSOURI 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 SBC MISSOURI management personnel who are responsible for maintenance issues. CLEC acknowledges that LOC escalation contact list found on CLEC Online meets the requirements of this Section.

9.0 PREMISES VISIT PROCEDURES

9.1 SBC MISSOURI Maintenance of Service Charges, when applicable, will be billed by SBC MISSOURI to CLEC, and not to CLEC's customers.

9.1.1 Dispatching of SBC MISSOURI technicians to CLEC customer premises shall be accomplished by SBC MISSOURI pursuant to a request received from CLEC. Additionally, dispatching of SBC MISSOURI technicians may occur when SBC MISSOURI detects network trouble during routine maintenance.

9.1.2 When a SBC MISSOURI employee visits the premises of a CLEC local customer, the SBC MISSOURI employee must inform the customer that he or she is there acting on behalf of their local service provider. Materials left at the customer premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that SBC MISSOURI 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 customer's premises and the customer is not at home, the SBC MISSOURI technician will leave at the customer's premises a non-branded "no access" card requesting the customer to call their local service provider for rescheduling of repair.

10.0 NEW CIRCUIT TESTING

10.1 SBC MISSOURI 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.

11.0 MLT TESTING

11.1 SBC MISSOURI agrees to provide access to MLT testing to allow CLEC to test its end user lines for resold SBC MISSOURI's services. SBC MISSOURI will make MLT testing functionality available through SBC MISSOURI's Toolbar Trouble Administration to allow CLEC to test its end-user lines for resold SBC MISSOURI' POTS services.

ATTACHMENT 4: CONNECTIVITY BILLING - RESALE

1.0 GENERAL

This Attachment 4: Connectivity Billing-Resale describes the requirements for SBC MISSOURI to bill all charges CLEC incurs for purchasing Resale services.

2.0 BILLABLE INFORMATION AND CHARGES

2.1 In accordance with this Agreement, SBC MISSOURI will bill those charges CLEC incurs as a result of CLEC purchasing Resale services from SBC MISSOURI (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. SBC MISSOURI will assist CLEC with EDI mapping. 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 of Resale services provided and billed to CLEC.

2.2 SBC MISSOURI 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. Each Connectivity Bill, including Auxiliary Service Information, provided by SBC MISSOURI 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; (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 SBC MISSOURI 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 SBC MISSOURI will assign to CLEC one Billing Account Number (BAN) per Regional Accounting Office (RAO) for consumer and one BAN per RAO for business.

3.0 ISSUANCE OF CONNECTIVITY BILLS - GENERAL

SBC MISSOURI will issue all Connectivity Bills in accordance with the terms and conditions set forth in this Section. SBC MISSOURI will establish monthly billing dates (Bill Date) for each BAN, as further defined in the EDI/BOS document, which Bill Date will be the same date month to month. Each BAN 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 day's written notice prior to changing, adding or deleting a BAN. The Parties will provide one Connectivity Billing invoice associated with each BAN. Multiple BANs for each Regional Accounting Office (RAO) will be provided as part of a single EDI transmission. 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 SBC MISSOURI 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, the Parties will provide each other with their respective process specifications and edit requirements. CLEC will provide SBC MISSOURI reasonable (within 24 hours) notice if a Connectivity Billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to CLEC at SBC MISSOURI' 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. Conformed pursuant to Missouri Commission Award- Resale issue # 6.

4.0 ELECTRONIC TRANSMISSIONS

4.1 SBC MISSOURI will electronically transmit Connectivity Billing information and data for Resale services in the appropriate EDI format via Connect: Direct as outlined in SBC MISSOURI' Electronic Commerce Customer Guide dated May 1995, or as the Parties may otherwise agree. The Parties agree that a T1.5 or 56kb circuit to the gateway for Connect: Direct is required. If *SBC* MISSOURI 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. SBC MISSOURI 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.

5.0 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 magnetic tape or paper (as agreed to by CLEC and SBC MISSOURI). Connectivity billing information and data for payment contained on magnetic tapes or paper will be sent to the Parties at mutually agreeable 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. The Parties will develop the format for paper or tape transmission as part of the implementation process.

6.0 TESTING REQUIREMENTS

6.1 At least ninety (90) days prior to SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI meets mutually agreed testing specifications, SBC MISSOURI may begin sending CLEC mechanized Connectivity Bills on the next Bill Date, or within ten (10) days, whichever is later.

7.0 ADDITIONAL REQUIREMENTS

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

a) The BAN 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.

8.0 BILL ACCURACY CERTIFICATION

8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire Connectivity Billing process, SBC MISSOURI will develop the processes and methodologies required for Resale services bill certification.

9.0 PAYMENT OF CHARGES

9.1 Payment shall be subject to the terms of the General Terms and Conditions of this Agreement. **Resolved issue #7**

10.0 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 SBC MISSOURI' 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

1.0 INTRODUCTION

1.1 This Attachment sets forth the terms and conditions for SBC MISSOURI' provision of Usage Data (as defined in this Attachment) to CLEC. Usage Data will be provided by SBC MISSOURI to CLEC when CLEC purchases Resale services from SBC MISSOURI.

2.0 GENERAL REQUIREMENTS FOR USAGE DATA

2.1 SBC MISSOURI' provision of Usage Data to CLEC will be in accordance with performance metrics as reported on CLEC Online. SBC MISSOURI' performance based on such performance metrics will be measured and reported at the time CLEC begins providing local service to customers but the SBC MISSOURI' provision of Usage Data will not be required to meet such performance metrics until six months after CLEC begins providing local services to customers

2.2 SBC-MISSOURI will retain Usage Data in accordance with the SBC Daily Usage File User's Guide available on SBC's CLEC Online website subject to applicable laws and regulations.

3.0 USAGE DATA SPECIFICATIONS

3.1 SBC MISSOURI will provide usage data for CLEC Customers using SBC MISSOURI 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 SBC MISSOURI provides such service to an CLEC customer;
d) Calls completed via SBC MISSOURI - provided Operator Services where SBC MISSOURI provides such service to CLEC's Local Service customer;
e) Station level detail for SBC MISSOURI - provided PLEXAR® families of services;
f) Complete call detail and complete timing information for Resale services.

SBC MISSOURI will provide Usage Data for calls that SBC MISSOURI records. (e.g., Local Measured Services)

4.0 USAGE DATA FORMAT

4.1 SBC MISSOURI 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 SBC Daily Usage File User's Guide or as otherwise mutually agreed to by the Parties.

4.2 SBC MISSOURI 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 standards.

5.0 USAGE DATA REQUIREMENTS

5.1 SBC MISSOURI will pack and organize the Usage Data according to EMI guidelines.

5.2 SBC MISSOURI will provide Usage Data for Resale services to a CLEC locations as agreed to by the Parties.

5.3 SBC MISSOURI will transmit formatted Usage Data to CLEC via CONNECT: Direct or as otherwise agreed to by the Parties.

5.4 CLEC and SBC MISSOURI will test and certify the CONNECT:Direct interface to ensure the accurate transmission of Usage Data.

5.5 SBC MISSOURI will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the SBC 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, SBC MISSOURI shall have no further obligation to recover the data and shall have no further liability to the CLEC. Conformed pursuant to Missouri Commission Award- Resale issue # 8.

6.0 ALTERNATIVELY BILLED CALLS

6.1 Calls that are placed using the services of SBC MISSOURI 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 SBC MISSOURI line or other LEC or LSP are called "Outcollects."

6.2 Outcollects: SBC MISSOURI 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). SBC MISSOURI will transmit such data to CLEC via the DUF. on a daily basis. CLEC as the LSP will be deemed the earning company and will be responsible for rating the message at CLEC tariffed rates and CLEC will be responsible for providing the billing message detail to the billing company for end-user billing. CLEC will pay to SBC MISSOURI a per message charge, as specified in the Pricing Schedule, for SBC MISSOURI' transmission of outcollect messages to CLEC. CLEC will be compensated by the billing company for the revenue it is due. In addition, CLEC will compensate SBC MISSOURI for the receipt of the intraLATA toll message in accordance with Attachment 1: Resale of this Agreement. Conformed pursuant to Missouri Commission Award- Resale issue # 1.

6.3 Incollects: SBC MISSOURI 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"). SBC MISSOURI will transmit such data to CLEC via the DUF on a daily basis. SBC MISSOURI will credit CLEC the Billing and Collection (B&C) fee, as specified in the Pricing Schedule, per billed message billing the Incollects. CLEC will pay to SBC MISSOURI a per message charge for SBC MISSOURI's transmission of incollect messages to CLEC. Conformed pursuant to Missouri Commission Award-Resale issue # 1.

7.0 PRICING

7.1 SBC MISSOURI will bill and CLEC will pay the applicable charges for Usage Data set forth in the Pricing Schedule this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

ATTACHMENT 6: UNBUNDLED NETWORK ELEMENTS

1.0 Introduction

This Attachment 6: Unbundled Network Elements to the Agreement sets forth the Unbundled Network Elements that SBC MISSOURI 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 Appendix Pricing - Unbundled Network Elements, attached hereto. Unless the context clearly indicates that the terms "Unbundled Network Elements" (with or without initial caps) and "UNEs" mean only such elements required to be unbundled under Section 251 or required to be unbundled under Section 271, these terms shall be read to include those network elements that are required to be unbundled under Section 251 and those required to be unbundled under Section 271 of the Telecommunications Act, and those required to be unbundled under state law.

1.1 Subject to Section 2.5 of the General Terms and Conditions of this Agreement, SBC MISSOURI shall provide Unbundled Network Elements under the following terms and conditions in this Attachment UNE.

1.2 UNEs, and Declassification

1.2.1 As a result of the FCC's Triennial Review Order, certain Unbundled Network Elements were removed from the FCC's list of Section 251 Unbundled Network Elements ("Declassified") because the FCC concluded that CLECs were unimpaired by the unavailability of these network elements as UNEs under Section 251 of the Act. In addition, the FCC determined that CLECs would have access to certain elements as Unbundled Network Elements under Section 251 only under certain circumstances, and further directed the state commissions to determine whether CLECs are impaired without access to local switching as a UNE under Section 251 in particular geographic market areas and impaired without access to certain loops and transport routes as UNEs under Section 251. The D.C. Circuit in USTA II vacated portions of the FCC's decisions in the TRO, and vacated and remanded other portions of the TRO. At the time the parties are negotiating this Agreement, the FCC has issued permanent UNE rules under Section 251 in response to the D.C. Circuit's vacatur and remand. The permanent UNE rules implement a transition process for certain network elements that no longer will be UNEs under Section 251 and provide that other network elements will not be UNEs under Section 251, either in total, or in certain locations. As a result, the Parties have determined it is appropriate to establish a process in this Agreement to address Declassified UNEs., to address the network elements that continue to be available to CLEC under Section 271 of the Act or under state law even if Declassified.

1.2.2 In this Attachment UNE and Agreement, the terms "Declassified" or "Declassification" mean the situation where SBC MISSOURI 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 as a result of the issuance of a finding by the FCC that requesting telecommunications carriers are not impaired without access to a particular network element on an unbundled basis.

1.2.3 Intentionally Left Blank

1.2.4 The Parties agree that the FCC in its Triennial Review Order determined that interconnection facilities that ILECs are required to provide for Section 251(c)(2) interconnection are not Declassified.

1.2.5 SBC MISSOURI agrees that it is required under Section 271 of the Act to provide CLEC with non-discriminatory access to local loop transmission from the central office to the customer's premises, local

transport from the trunk side of SBCMISSOURI's switch, and local switching, and that such network elements must be made available at just and reasonable rates.

1.2.6 Intentionally Left Blank

1.2.7 Transition Plans for Network Elements that No Longer Are UNEs Under Section 251

1.2.7.1 The FCC in the TRRO determined that certain network elements no longer will be required to be unbundled under Section 251, but also found that these elements must continue to be made available to CLECs for a specified period of time to enable CLECs to serve their embedded customer base and effect an orderly transition away from these Declassified UNEs. The FCC's transition plans apply to the following unbundled network elements: high-capacity loops and high-capacity transport in certain locations, to dark fiber transport and to mass-market unbundled local circuit switching and UNE-P. For purposes of implementing these transition plans, CLEC's "embedded customer base" is defined as (1) business entities, including corporations, limited liability companies, partnerships, sole proprietorships, cooperatives and other entities; (2) governmental and non-profit organizations; and (3) residential customers that had executed a valid contract or service order or were subscribed to CLEC's services as of March 11, 2005. The terms and conditions for implementing the transition plans described in the TRRO are set out in detail for each of the affected network elements in subsequent sections of the Attachment**.**

2.0 General Terms and Conditions

2.1 This Attachment sets forth the terms and conditions pursuant to which SBC MISSOURI agrees to provide CLEC with access to Unbundled Network Elements under Section 251(c)(3) of the Act in SBC MISSOURI's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that SBC MISSOURI is only obligated to make available UNEs and access to UNEs to CLEC in SBC MISSOURI's incumbent local exchange areas. SBC MISSOURI has no obligation to provide such UNEs to CLEC for the purposes of CLEC providing and/or extending service outside of SBC MISSOURI's incumbent local exchange areas. In addition, SBC MISSOURI is not obligated to provision UNEs or to provide access to UNEs and is not otherwise bound by an 251(c) obligations in geographic areas other than SBC MISSOURI'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 provision set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with Collocation, Interconnection and/or Resale), shall apply to the Parties and be available to CLEC in MISSOURI for provisioning Telecommunications Services within an SBC MISSOURI incumbent local exchange area(s) in the State in which this Agreement with SBC MISSOURI has been approved by the relevant state Commission and is in effect. Further, the Parties agree that SBC MISSOURI is not obligated to provision UNEs or to provide access to UNEs that have been Declassified or are subject to Declassification, as set forth in Section 1.2 above, and elsewhere in this Appendix.

2.1.1 In order to access and use UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3)), and must use the UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)). Together, these conditions are the "Statutory Conditions" for access to UNEs. Furthermore, by FCC rule, CLEC is prohibited from using an unbundled network element under Section 251 for the exclusive provision of mobile wireless services or interexchange services**.** Accordingly, CLEC hereby represents and warrants that it is a telecommunications carrier certificated by the Missouri Commission to provide local exchange service, and that it will notify SBC MISSOURI as soon as reasonably practical in writing if it ceases to be so certificated. Failure to so notify SBC MISSOURI shall constitute a material breach of this Agreement.

2.2 Where processes, including processes for ordering and provisioning, for any UNE available under this Agreement, whether alone or in conjunction with any other UNE(s), or service(s), pursuant to this Agreement are not already in place, SBC MISSOURI will develop and implement such processes, subject to any associated rates, terms and conditions SBC MISSOURI shall use existing processes already developed, if possible; if doing so is not possible, SBC MISSOURI shall within an agreed upon timeframe determine what new processes are necessary. The Parties will comply with any applicable Change Management guidelines or BFR guidelines as applicable provided however, that compliance with such guidelines shall not delay CLEC's ability to order and obtain any UNE beyond the agreed upon timeframe.

2.3 As required by 47 C.F.R. 51.309(a), SBC MISSOURI will not impose limitations, restrictions or requirements on CLEC's request for, or its use of, network elements or Unbundled Network Elements for the service(s) CLEC seeks to offer.

2.4 SBC MISSOURI will permit CLEC to designate any point at which it wishes to connect CLEC's facilities or facilities provided by a third party on behalf of CLEC with SBC MISSOURI's network for access to Unbundled Network Elements for the provision by CLEC of a telecommunications service. If the point designated by CLEC is technically feasible, SBC MISSOURI will make the requested connection.

2.4.1 Except with respect to Arrangements described in Section 2.20, SBC MISSOURI shall provide access to Unbundled Network Elements and combinations of Unbundled Network Elements pursuant to the terms and conditions of this Attachment, without regard to whether CLEC seeks access to the Unbundled Network Elements to establish a new circuit or to convert an existing circuit from a service to Unbundled Network Elements.

2.5 SBC MISSOURI shall permit CLEC to commingle a UNE available under Section 251 or a combination of UNEs available under Section 251 with any wholesale service, including network elements available under Section 271, obtained from an incumbent LEC. Upon request, SBC MISSOURI will perform all functions necessary to commingle a UNE available under Section 251 or a combination of UNEs available under Section 251 with one or more facilities or services that CLEC has obtained at wholesale, including network elements available under Section 271, from an incumbent LEC. SBC MISSOURI shall not deny CLEC access to a UNE available under Section 251 or a combination of UNEs available under Section 251 on the grounds that one or more of the elements: (1) is connected to, attached to, or combined with, a facility or service obtained from an incumbent LEC; or (2) shares part of SBC MISSOURI's network with access services.

2.6 SBC MISSOURI shall provide access to UNEs and combinations of UNEs in a nondiscriminatory manner such that all CLECs, including any affiliate of SBC MISSOURI, receives the same quality of service that SBC MISSOURI provides to its own retail customers that receive service from SBC MISSOURI utilizing the same or similar network elements. Where technically feasible, the quality of the UNE and access to such UNE shall be at least equal to what SBC MISSOURI provides itself or any subsidiary, affiliate, or other party (presently found at 47 CFR § 51.311(a), (b)). UNEs available under Section 251 or under Section 271 that are provided to CLEC under the provisions of this Attachment shall remain the property of SBC MISSOURI.

2.7 At CLEC's request, SBC MISSOURI shall provide Unbundled Network Elements to CLEC in a manner required by law that allows CLEC to combine those Unbundled Network Elements to provide a telecommunications service. Subject to the provisions hereof and at CLEC's request, SBC MISSOURI shall also provide CLEC with all pre-existing combinations of Unbundled Network Elements. Pre-existing combinations of Unbundled Network Elements consist of those sequences of Unbundled Network Elements that are actually connected in SBC MISSOURI's network, and include those combinations that are actually connected but for which dial tone is not currently being provided. Subject to the provisions hereof, at CLEC's request, SBC MISSOURI shall also combine for CLEC any sequence of Unbundled Network Elements that SBC MISSOURI "ordinarily combines" for itself or its end users. SBC MISSOURI shall be required to combine Unbundled Network Elements if the requested Unbundled Network Element combination is a type ordinarily used or functionally equivalent to that used by SBC MISSOURI or SBC MISSOURI's end users where SBC MISSOURI provides local service. An Unbundled Network Element combination shall not be considered "ordinarily combined," and SBC MISSOURI will not have an obligation to provide the combination, if (1) SBC MISSOURI does not provide services using such a combination of unbundled network elements; (2) where SBC MISSOURI does provide services using such combination, such provisioning is extraordinary (i.e., a limited combination of network elements created in order to provide service to a customer under a unique and nonrecurring set of circumstances); or (3) the network element combination contains a network element that the Missouri Public Service Commission does not require SBC MISSOURI to provide as an unbundled network element.

2.8 CLEC may combine any Unbundled Network Element with any other element, service, or functionality without restriction, except as delineated in this agreement. Other than the limitations and restrictions set out in Section ___ of this Attachment, there shall be no prohibition against combining unbundled network elements with tariffed services. This paragraph does not limit CLEC's ability to purchase services under applicable SBC MISSOURI's resale tariff or under the resale appendix that is part of this Agreement while also utilizing the UNE provisions of this Agreement to the same end use customer. This paragraph does not limit CLEC's ability to permit IXCs to access ULS for the purpose of originating and/or terminating interLATA and intraLATA access traffic or limit CLEC's ability to originate and/or terminate interLATA or intraLATA calls using ULS consistent with Section 6 of this Attachment. Further, when customized routing is used by CLEC, pursuant to Section 6.7 of this Attachment, CLEC may direct local, local operator services, and local directory assistance traffic to dedicated transport whether such transport is purchased through the access tariff or otherwise.

2.9 Intentionally Left Blank

2.10 SBC MISSOURI will provide Unbundled Network Elements as outlined in this Attachment where facilities exist in SBC MISSOURI's network at the time of CLEC's request. SBC MISSOURI will modify its network as may be required by the Act to make facilities available to CLEC for Unbundled Network Element orders. If facilities are not available, CLEC may request the facilities via the Bona Fide Request process described below**.**

2.11 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.

2.12 SBC MISSOURI will provide nondiscriminatory access to the unbundled Network Elements identified and provided for in this Attachment, including combinations of Network Elements and Unbundled Network Elements, subject to the terms and conditions of this Attachment. CLEC is not required to own or control any of its own local exchange facilities before it can purchase or use Network Elements or the Unbundled Network Elements identified in this Attachment to provide a telecommunications service under this

Agreement. SBC MISSOURI will allow CLEC to order each Unbundled Network Element individually or in combination with any other Network Elements or any other Unbundled Network Elements, pursuant to Attachment 27: OSS in order to permit CLEC to combine such Unbundled Network Elements with other Unbundled Network Elements or Network Elements obtained from SBC MISSOURI or with network components provided by itself or by third parties to provide telecommunications services to its customers, provided that such combination is technically feasible and would not impair the ability of other carriers to obtain access to other Unbundled Network Elements or to interconnect with SBC MISSOURI's network. Any request by CLEC for SBC MISSOURI to provide a type of connection between Network Elements that is not currently being utilized in the SBC MISSOURI network and is not otherwise provided for under this Agreement will be made in accordance with the Bona Fide Request (BFR) process described in Section 2.37.

2.13 When CLEC orders Unbundled Network Elements in combination or as a Commingled Arrangement, and identifies to SBC MISSOURI the type of telecommunications service it intends to deliver to its end user customer through that combination or commingling (e.g., POTS, ISDN), SBC MISSOURI 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 SBC MISSOURI 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. For example, loop/switch port combinations ordered by CLEC for POTS service will include, without limitation, MLT testing, real time due date assignment, dispatch scheduling, service turn-up without interruption of customer service, and speed and quality of maintenance, at parity with SBC MISSOURI's delivery of service to its POTS customers served through equivalent SBC MISSOURI loop and switch ports**.** Network element combinations provided to CLEC by SBC MISSOURI will meet all performance criteria and measurements that SBC MISSOURI achieves when providing equivalent end user service to its local exchange service customers (e.g., POTS, ISDN).

2.14 For each Unbundled Network Element, to the extent appropriate, SBC MISSOURI will provide a demarcation point (e.g., an interconnection point at a Digital Signal Cross Connect or 90/10 splitter, or other appropriate demarcation point) and, if necessary, access to such demarcation point, as the Parties agree is suitable. However, where SBC MISSOURI provides contiguous Unbundled Network Elements to CLEC, SBC MISSOURI will provide the existing intermediate connections without demarcation points and provide demarcation points at the ends where the combination is handed off to CLEC.

2.15 In the event that SBC MISSOURI denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with any SBC tariffed service or any network elements possessed by CLEC, SBC MISSOURI 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 or by seeking resolution at the Missouri Commission. In any dispute resolution proceeding, or Commission proceeding, SBC MISSOURI shall have the burden, to prove that (1) such denial is authorized by the FCC's Triennial Review Order or the FCC's TROO, the Missouri Commission's arbitration decisions, or applicable court decisions, including *Verizon Comm. Inc.* or (2) that the combination is not technically feasible and would undermine the ability of other carriers to obtain access to unbundled network elements or to interconnect with SBC MISSOURI's network. Notwithstanding the above, SBC shall install the disputed combination according to the standard intervals and provide the requested combination during the dispute resolution process.

2.16 "Pre-existing Combinations" shall not be considered a new combination involving UNEs under this Section. A Pre-existing Combination includes all orders within the definition of "Contiguous Interconnection of Unbundled Network Elements."

2.16.1 "Contiguous Interconnection of Network Elements" means the situation when CLEC orders from SBC MISSOURI all of the SBC MISSOURI UNEs required either

(1) to convert another LEC's pre-existing end user customer who was served by resale or solely by UNEs to CLEC's customer, where CLEC will serve that customer using only UNEs obtained from SBC MISSOURI;

(2) to convert CLEC's end user customer who was served by resale to being served by UNEs obtained from SBC MISSOURI; to convert to a combination of UNEs-only an SBC-13 STATE End User customer, another carrier's pre-existing End User customer served exclusively using UNEs, or CLEC's or another carrier's resale End User customer

(3) to convert an SBC MISSOURI end user customer to CLEC's customer, where CLEC will serve that customer using only UNEs obtained from SBC MISSOURI; or

(4) if the Pre-Existing Combination includes a local loop UNE with unbundled local switching, to activate that Pre-Existing Combination for CLEC (a) without any change in features or functionality that was being provided at the time of the order, and/or (b) the only change needed to route the operator service and directory assistance ("OS/DA") calls from the End User customer to be served by that Pre-Existing Combination to CLEC's OS/DA platform via customized routing, and/or (c) with only changes needed in order to change a local switching feature resident and activated in the serving switch and available to the switch port class used to provide service, e.g., call waiting for residential local service, and/or (d) at the time of the order and when the order is worked by SBC MISSOURI, the End User customer in question is not served by a line sharing arrangement as defined herein (or, if not so defined, by applicable FCC orders) or the technical equivalent, e.g., the loop facility is being used to provide both a voice service and also an xDSL service.

2.18 Conversion of Wholesale Services to UNEs

2.18.1 Where processes, including ordering and provisioning processes, for the conversion requested pursuant to this Agreement are not already in place, SBC MISSOURI shall use existing ordering and provisioning processes already developed for other UNEs, if possible; if doing so is not possible, SBC MISSOURI shall within an agreed upon timeframe determine what new processes are necessary and shall establish ordering processes as soon as reasonably possible, but no later than the agreed upon timeframe. SBC MISSOURI shall make all reasonable efforts to ensure any new process comports with applicable industry ordering guidelines. SBC MISSOURI will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines; provided however, that compliance with such Change Management guidelines shall not delay CLEC's conversion request beyond an agreed upon timeframe.

2.18.3 Except as agreed to by the parties**,** SBC MISSOURI 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 UNE or combination of UNEs available under Section 251. Nothing in this Section 2.18.3 prohibits SBC MISSOURI from imposing early termination charges otherwise applicable under the state or federal special access tariff to CLEC's termination of existing long-term contract(s) under which CLEC is obtaining a discount.

2.18.4 For UNE conversion orders for which SBC MISSOURI has either a) not developed a process or b) developed a process that falls out for manual handling, SBC MISSOURI will charge CLEC the Electronic Service Order (Flow Thru) Record Simple charge for processing CLEC's orders until such process has

been developed and CLEC agrees to immediately use the electronic process. Then SBC MISSOURI may charge the applicable service order charges and record change charges.

2.18.5 The Parties agree that converting between wholesale services, such as special access services, and UNEs or UNE combinations should be a seamless process, that would not create any unavoidable disruption to CLEC's customer's service or degradation in service quality. Since such conversions will only constitute a record and billing change and in no way impact the physical circuits involved the interval for completing conversions shall be mutually negotiated between the parties. In no event will the conversion interval exceed the standard interval applicable to the UNE(s) or UNE combination to which the wholesale service is being converted. Pricing changes begin the next billing cycle following the conversion request.

2.18.6 Unbundled network elements that have been Declassified will be available to CLEC as UNE combinations under Section 251 during the FCC's mandated transition plan in the TRRO only if CLEC could request and SBC would be required to provide each UNE separately. SBC shall convert wholesale services to a UNE or UNE combination if CLEC would be entitled to obtain that UNE or UNE combination if it ordered it directly and not as a conversion.

2.18.6.1 This section 2.18.6 applies to any UNE or combination of UNEs, including whether or not such UNE or combination of UNEs had been previously converted from an SBC MISSOURI service.

2.18.7 In requesting a conversion of an SBC MISSOURI service, CLEC must submit its orders in accordance with the agreed guidelines and ordering requirements provided by SBC-MISSOURI that are applicable to converting the particular SBC MISSOURI service sought to be converted**.** SBC MISSOURI shall begin billing CLEC at the pricing applicable to the converted service arrangement (e.g., UNE Section 251 pricing if applicable) as of the beginning of the next billing cycle following the completion of activities necessary for performing the conversion, including, but not limited to, CLEC's submission of a complete and accurate LSR/ASR requesting the conversion**.**

2.18.8 Nothing in this Attachment or Agreement is intended to permit or permits CLEC to supersede or dissolve any contract with SBC MISSOURI related to services that might be affected by Section 2.18, including but not limited to, contracts under which CLEC obtains discounted special access services. CLEC may terminate or modify its rights and obligations under any such contract, in whole or in part, only in accordance with its terms, including complying with any early termination penalties or charges that apply.

2.19 **Commingling**

2.19.1 "Commingling" means the connecting, attaching, or otherwise linking of a UNE, or a combination of UNEs, to one or more facilities or services that CLEC has obtained at wholesale from SBC MISSOURI, or the combining of a UNE, or a combination of UNEs, with one or more such wholesale facilities or services. "Commingle" means the act of commingling.

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

2.19.1.2 Where processes, including ordering and provisioning processes, for any Commingling or Commingled Arrangement available under this Agreement (including, by way of example, for existing services sought to be converted to a Commingled Arrangement) are not already in place, SBC MISSOURI will develop and implement processes, subject to any associated rates, terms and conditions. SBC MISSOURI shall use existing ordering and provisioning processes already developed for other UNEs, if possible; if doing so is not possible, SBC MISSOURI shall within an agreed upon timeframe determine what new processes are necessary. The Parties will comply with any applicable Change Management guidelines or BFR guidelines

as applicable provided, however, that compliance with such guidelines shall not delay SBC MISSOURI's implementation of Commingling beyond the agreed upon timeframe.

2.19.2 Except as prohibited or restricted, in Section 2 and, further, subject to the other provisions of this Agreement, SBC MISSOURI shall permit CLEC to Commingle a UNE or a combination of UNEs with facilities or services obtained at wholesale from SBC MISSOURI to the extent required by FCC or MISSOURI Commission rules and orders.

2.19.3 Upon request, and subject to Section 2, SBC MISSOURI shall perform the functions necessary to Commingle a UNE or a combination of UNEs with one or more facilities or services that CLEC has obtained at wholesale from SBC MISSOURI (as well as requests where CLEC also wants SBC MISSOURI to complete the actual Commingling), except that SBC MISSOURI shall have no obligation to perform the functions necessary to Commingle (or to complete the actual Commingling) if (i) it is not technically feasible, including that network reliability and security would be impaired; or (ii) SBC MISSOURI's ability to retain responsibility for the management, control, and performance of its network would be impaired; or (iii) it would undermine the ability of other Telecommunications Carriers to obtain access to UNEs or to Interconnect with SBC MISSOURI's network. CLEC may connect, combine, or otherwise attach UNEs and combinations of UNEs to wholesale services, and SBC MISSOURI shall not deny access to UNEs and combinations of UNEs on the grounds that such facilities or services are somehow connected, combined or otherwise attached to wholesale services

2.19.4 The Parties agree that the Commingled Product Set identified in this Attachment shall be available to CLEC upon request as of the effective date of this Agreement. All other requests shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Attachment.

2.19.4.1 SBC MISSOURI is developing a list of Commingled Arrangements that will be available for ordering, which list will be made available in the CLEC Handbook and posted on "CLEC On-line." Once that list is included in the CLEC Handbook or posted, whichever is earlier, CLEC will be able to submit orders for any Commingled Arrangement on that list. The list may be modified, from time to time.

2.19.4.2 Any CLEC request for a Commingled Arrangement not found on the then-existing list of orderable Commingled Arrangements must be submitted via the bona fide request (BFR) process. In any such BFR, When ordering Commingling or a Commingled Arrangement, CLEC must designate among other things the UNE(s), combination of UNEs, and the facilities or services that CLEC has obtained at wholesale from SBC MISSOURI or another ILEC sought to be Commingled and the needed location(s), the order in which such UNEs, such combinations of UNEs, and such facilities and services are to be Commingled, and how each connection (e.g., cross-connected) is to be made between them. SBC MISSOURI shall take all reasonable steps to implement CLEC's request for Commingling or Commingled Arrangement in a manner that minimizes disruption to CLEC's customer's service.

2.19.4.3 SBC MISSOURI shall charge CLEC the non-recurring and recurring rates applicable to the UNE(s), facilities or services that CLEC has obtained at wholesale from SBC MISSOURI. If any Commingling requested by CLEC requires physical work to be performed by SBC MISSOURI, and if an existing charge applies to that work, SBC MISSOURI shall so inform CLEC and, in such instance, SBC MISSOURI shall charge CLEC. A fee shall be calculated using the Time and Material charges as reflected in Appendix Pricing. SBC MISSOURI's Preliminary Analysis to a the BFR shall include an estimate of such fee for the specified Commingling. With respect to a BFR in which CLEC requests SBC MISSOURI to perform work not required by this Section 2.19.4, CLEC shall be charged a market-based rate for any such work.

2.19.5 Nothing in this Agreement shall affect any "ratcheting" or "ratchet rate" available as set forth in any SBC MISSOURI tariff, including without limitation SWBT Tariff F.C.C. No. 73 (with "ratcheting" and "ratcheted

rate" in this sentence having the meaning(s) as those or similar terms have within the relevant tariff and not in this Agreement). There shall be no blending of the rates of any UNE component(s) of the commingled arrangement with any special access component(s), i.e., no ratcheting of the commingled arrangement.

2.19.6 Nothing in this Agreement shall impose any obligation on SBC MISSOURI 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, including the rules and orders of the FCC, or by the MISSOURI Commission or court decision, imposed by statute, or by FCC or MISSOURI Commission rule.

2.19.7 Where a Commingled Arrangement to be provided to CLEC involves a Section 251 UNE combination as well as Commingling, the eligibility criteria applicable, if any exist, to both Commingling and combinations must be fulfilled.

2.19.8 Intentionally Left Blank

2.19.9 Subject to this 2.19, SBC MISSOURI shall not deny access to a UNE or a combination of UNEs on the grounds that one or more of the UNEs:

2.19.9.1 Is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from SBC MISSOURI; or

2.19.9.2 Shares part of SBC MISSOURI's network with access or wholesale services

2.20 EELs Eligibility Requirements for Access to Certain UNEs

2.20.1 Notwithstanding anything in this Agreement to the contrary SBC MISSOURI agrees to make available to CLEC Enhanced Extended Links (EELs) and other forms of Unbundled Network Elements Combinations on the terms and conditions set forth below. SBC MISSOURI shall provide UNE combinations upon request, provided that the UNE combination is technically feasible and would not undermine the ability of other carriers to access UNEs or interconnect with SBC MISSOURI's network. SBC MISSOURI shall not impose any additional conditions or limitations upon obtaining access to EELs or to any other UNE combinations, other than those set out in the FCC's Triennial Review Order and in this Attachment 6.

2.20.1.1 "Enhanced Extended Link" or "EEL" means a UNE combination consisting of UNE loop(s) and UNE Dedicated Transport, together with any facilities, equipment, or functions necessary to combine those UNEs (including, for example, multiplexing capabilities). An EEL that consists of a combination of voice grade to DS0 level UNE local loops combined with a UNE DS1 or DS3 Dedicated Transport (a "Low-Capacity EEL") shall not be required to satisfy the Eligibility Requirements set out in Section 2.20.2 below**.** If an EEL is made up of a combination that includes one or more of the following described combinations (the "High-Capacity Included Arrangements"), each circuit to be provided to each customer is required to terminate in a collocation arrangement that meets the requirements of Section 2.20.3 below (e.g., the end of the UNE dedicated transport that is opposite the end connected to the UNE loop must be accessed by CLEC at such a CLEC collocation arrangement via a cross-connect.

2.20.1.2.1 an unbundled DS1 loop in combination, or commingled, with a dedicated DS1 transport or dedicated DS3 or higher transport facility or service, or to an unbundled DS3 loop in combination, or commingled, with a dedicated DS3 or higher transport facility or service; or

2.20.1.2.2 an unbundled dedicated DS1 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 or loop or a DS3 or higher channel termination service.

2.20.2 SBC MISSOURI shall not provide access to the High-Capacity Included Arrangements (Sections 2.20.1.2.1 and 2.20.1.2.2) unless CLEC satisfies all of the following conditions set forth in Section 2.20.2.1 through 2.20.2.4 for each High-Capacity Included Arrangement requested.

2.20.2.1 CLEC **(**directly and not via an Affiliate**)** has received state certification from the MISSOURI Commission to provide local voice service in the area being served.

2.20.2.2 The following criteria must be satisfied for each High-Capacity Included Arrangement, including, without limitation, each DS1 circuit, each DS3 circuit, each DS1 EEL and each DS1 equivalent circuit on a DS3 EEL:

2.20.2.2.1 Each circuit to be provided to each end user will be assigned a local telephone number (NPA-NXX-XXXX), that is associated with local service provided within an SBC MISSOURI local service area and within the LATA where the circuit is located ("Local Telephone Number") prior to the provision of service over that circuit (and for each circuit, CLEC will provide the corresponding Local Telephone Number(s) as part of the required certification; and

2.20.2.2.1.1 Each DS1 equivalent circuit of a DS3 EEL or on any other High-Capacity Included Arrangement, must have its own Local Telephone Number assignment, so that each DS3 must have at least 28 Local voice Telephone Numbers assigned to it; and.

2.20.2.2.2 Intentionally Left Blank

2.20.2.2.3 Each circuit to be provided to each end user will have 911 or E911 capability prior to the provision of service over that circuit.

2.20.2.2.4 Each circuit to be provided to each end user will terminate in a collocation arrangement that meets the requirements of Section 2.20.3 of this Attachment;

2.20.2.2.5 Each circuit to be provided to each end user will be served by an interconnection trunk that meets the requirements of Section 2.20.4 of this Attachment; and

2.20.2.2.6 For each 24 DS1 EELs or other facilities having equivalent capacity, CLEC will have at least one active DS1 local service interconnection trunk that meets the requirements of Section 2.20.4 of this Attachment; and

2.20.2.2.7 Switching: Each circuit to be provided to each end user will be served by a switch capable of providing local voice traffic.

2.20.3 A collocation arrangement meets the requirements of Section 2.20 of this Attachment if it is:

2.20.3.1 Established pursuant to Section 251(c)(6) of the Act and located at SBC MISSOURI's premises within the same LATA as the end user's premises, when SBC MISSOURI is not the collocator; or

2.20.3.2 Located at a third party's premises within the same LATA as the end user's CLEC's premises, when SBC MISSOURI is the collocator.

2.20.4 An interconnection trunk meets the requirements of Sections 2.20.2.2.5 and 2.20.2.2.6 of this Attachment if CLEC will transmit the calling party's Local Telephone Number in connection with calls exchanged over the trunk and the trunk is located in the same LATA as the customer premises served by the Included Arrangement.

2.20.5 For a new circuit to which Section 2.20.2 applies, CLEC may initiate the ordering process if CLEC certifies that it will not begin to provide any service over that circuit until a Local Telephone Number is assigned and 911/E911 capability is provided, as required by Section 2.20.2.2.1 and Section 2.20.2.2.3, respectively. In such case, CLEC shall satisfy Section 2.20.2.2.1 and/or Section 2.20.2.2.3 if it assigns the required Local Telephone Number(s), and implements 911/E911 capability, within 30 days after SBC MISSOURI provisions such new circuit. CLEC must provide SBC MISSOURI with sufficient proof that such assignment and/or implementation has occurred by the end of such 30th day.

2.20.5.1 Existing circuits, including conversions or migrations are governed by Section 2.20.2. Section 2.20.5 does not apply to existing circuits to which Section 2.20.2.2.2 applies, including conversions or migrations (e.g., CLEC shall not be excused from meeting the Section 2.20.2.2.1 and Section 2.20.2.2.2 requirements for existing circuits at the time it initiates the ordering process).

2.20.6 Before accessing (1) a converted High-Capacity Included Arrangement, (2) a new High-Capacity Included Arrangement, or (3) part of a High-Capacity Included Arrangement that is a commingled EEL as a UNE, CLEC must certify to all of the requirements set out in Section 2.20.2. CLEC may provide this certification by sending a confirming letter to SBC MISSOURI or by completing a form provided by SBC MISSOURI either on a single circuit or a blanket basis at CLEC's option. A disconnect notice for any single circuit shall be sufficient to constitute notification to SBC MISSOURI that a blanket certification for multiple circuits that were part of a single order has been modified. In addition, CLEC may provide written notification to SBC MISSOURI from time to time, or will provide in response to SBC MISSOURI request made no more often than once each calendar year, certifying that its circuits satisfy all of the requirements of Section 2.20.2. CLEC must provide the certification required by this Section 2.20.6 on a form provided by SBC MISSOURI, on a circuit-by-circuit/service-by-service/Included Arrangement-by-Included Arrangement basis.

2.20.6.1 If the information previously provided in a certification is inaccurate (or ceases to be accurate), CLEC shall update such certification promptly within 2 business days with SBC MISSOURI.

2.20.7 In addition to any other audit rights provided for in this Agreement and those allowed by law, SBC MISSOURI may obtain and pay for an independent auditor to audit, on an annual basis, applied on a state-by-state basis, CLEC's compliance in Missouri with the conditions set out in Section 2.20.7 through 2.20.7.4. For purposes of calculating and applying an "annual basis", it means, a consecutive 12-month period, beginning upon SBC MISSOURI's written notice that an audit will be performed for MISSOURI, subject to Section 2.20.7.4 of this Section.

2.20.7.1 Intentionally Left Blank

2.20.7.2 Unless otherwise agreed by the Parties (including at the time of the audit), the independent auditor shall perform its evaluation in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA), which will require the auditor to perform an "examination engagement" and issue an opinion that includes the auditor's determination regarding CLEC's compliance with the qualifying

service eligibility criteria. The independent auditor's report will conclude whether CLEC complied in all material respects with this Section 2.20.

2.20.7.3 Consistent with standard auditing practices, such audits require compliance testing designed by the independent auditor, which typically include an examination of a sample selected in accordance with the independent auditor's judgment.

2.20.7.4 Should the independent auditor's report conclude that CLEC failed to comply in all material respects with Section 2.20, CLEC must true-up any difference in payments paid to SBC MISSOURI and the rates and charges CLEC would have owed SBC MISSOURI beginning from the date that the non-compliant circuit was established as a UNE/UNE combination, in whole or in part (notwithstanding any other provision hereof), but no earlier than the date on which this Section 2.20 of this Attachment is effective**,** CLEC shall submit orders to SBC MISSOURI to either convert all noncompliant circuits to the appropriate service or disconnect non-compliant circuits. Conversion and disconnect orders shall be submitted within 30 days of the date on which CLEC receives a copy of the auditor's report and CLEC shall begin paying the correct rates and charges for each converted circuit beginning with the next billing cycle following SBC MISSOURI's acceptance of such order, unless CLEC disputes the auditor's finding and initiates a proceeding at the Missouri Commission for resolution of the dispute, in which case no changes shall be made until the Commission rules on the dispute. With respect to any noncompliant circuit for which CLEC fails to submit a conversion order or dispute the auditor's finding within such 30-day time period, SBC MISSOURI may initiate and effect such a conversion on its own without any further consent by CLEC. CLEC must convert the UNE or UNE combination, or Commingled Arrangement, to an equivalent or substantially similar wholesale service, or group of wholesale services. Conversion shall not create any unavoidable disruption to CLEC's customer's service or degradation in service quality. Under no circumstances shall conversion result in overtime charges being billed to CLEC for any work performed by SBC MISSOURI unless CLEC agrees to such charges in advance. Following conversion, CLEC shall make the correct payments on a going-forward basis. In no event shall rates set under Section 252(d)(1) apply for the use of any UNE for any period in which CLEC does not meet the Service Eligibility Requirements conditions set forth in this Section 2.20 for that UNE, arrangement, or circuit, as the case may be. Furthermore, if CLEC disputes the auditor's finding and initiates a proceeding at the Misssouri Commission and if the Commission upholds the auditor's finding, CLEC shall true-up the payments made at UNE rates and the payments it should have paid.

2.20.7.4.1 To the extent that the independent auditor's report concludes that CLEC failed to comply in all material respects with the Service Eligibility Requirements Criteria, CLEC shall reimburse SBC MISSOURI for the actual cost of the independent auditor's work performed in auditing CLEC's compliance with the Service Eligibility Requirements and for SBC MISSOURI's necessary and reasonable internal costs incurred conducting the audit in the same manner and using the same methodology and rates that SBC MISSOURI is required to pay CLEC's costs under Section 2.20.7.4.2.

2.20.7.4 To the extent the independent auditor's report concludes that CLEC complied in all material respects with the Service Eligibility Requirements Criteria, SBC MISSOURI shall reimburse CLEC for its necessary and reasonable staff time and other internal reasonable staff time and other reasonable costs associated with in responding to the audit (e.g., collecting data in response to the auditor's inquiries, meeting for interviews, etc).

2.20.7.5 CLEC will maintain the appropriate documentation to support its eligibility certifications, including without limitation call detail records, local telephone number assignment documentation, and switch assignment documentation. CLEC will maintain this documentation for the Term of the Agreement plus a period of two years.

2.20.8 Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, CLEC shall fully comply with this Section 2.20 in all cases and, further, the failure of SBC MISSOURI to require such compliance, including if SBC MISSOURI provides a circuit(s), an EEL(s) or a Commingled circuit that does not meet any eligibility criteria including those in this Section 2.20, 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.

2.21 **Reservation of Rights/Intervening Law**

2.21.1 SBC MISSOURI's provision of UNEs identified in this Attachment is subject to the intervening law/change in law language in the GT&Cs of this Agreement and applicable law, including but not limited to, Section 251(d) of the Federal Act.

2.22 Various Subsections below list the Unbundled Network Elements that SBC MISSOURI 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. SBC MISSOURI will make additional Unbundled Network Elements available pursuant to the BFR process set out in Section 2.37 of this Attachment.

2.23 Subject to the terms herein, SBC MISSOURI is responsible only for the installation, operation and maintenance of the Unbundled Network Elements it provides. SBC MISSOURI is not otherwise responsible for the telecommunications services provided by CLEC through the use of those elements.

2.24 Except upon request, SBC MISSOURI will not separate preexisting combinations of network elements that are already combined in SBC MISSOURI's network.

2.25 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 SBC MISSOURI for future provisioning needs, unless such element is disconnected in error. The CLEC agrees to relinquish control of any such UNE concurrent with the disconnection of CLEC's End User's Services.

2.26 Each Party is solely responsible for the services it provides to its end users and to other Telecommunications Carriers.

2.27 SBC MISSOURI will provide CLEC reasonable notification of service-affecting activities that may occur in normal operation of SBC MISSOURI's business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major network facilities change-out. Generally, such activities are not individual service specific, but affect many services. No specific advance notification period is applicable to all such service activities. Reasonable notification procedures will be negotiated by SBC MISSOURI and CLEC.

2.28 The use of the term "lease" herein notwithstanding, Network Elements and Section 251 and Section 271 Unbundled Network Elements provided to CLEC under the provisions of this Attachment will remain the property of SBC MISSOURI.

2.29 The Section 251 and Section 271 Unbundled Network Elements and Network Elements provided pursuant to this Agreement will be available to SBC MISSOURI at times mutually agreed upon in order to permit SBC MISSOURI 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

2.30 Except as provided in other Attachments to this Agreement, CLEC's use of any SBC MISSOURI Section 251 and Section 271 Unbundled Network Element or Network Element, or of its own equipment or facilities in

conjunction with any SBC MISSOURI Section 251 and Section 271 Unbundled Network Element or Network Element, will not materially interfere with or impair service over any facilities of SBC MISSOURI, 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, SBC MISSOURI 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 Section 251 and Section 271 Unbundled Network Element(s) or Network Element causing the violation.

2.31 SBC MISSOURI 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 SBC MISSOURI provides for its customers and will allow CLEC to establish restoration priority among CLEC customers consistent with applicable law.

2.32 Order rejections and error codes

2.32.1 SBC MISSOURI shall advise CLEC of all errors that could cause a reject on an order on the initial rejection, with an explanation for each error. The explanations can continue to be in the form of the standard error codes.

2.32.2 SBC MISSOURI shall notify CLEC thirty (30) days in advance of changes/additions to its error standard error codes

2.33 Performance of Unbundled Network Elements

2.33.1 Each Section 251 and Section 271 Unbundled Network Element provided by SBC MISSOURI to CLEC will meet applicable regulatory performance standards and be at least equal in quality and performance as that which SBC MISSOURI provides to itself. Each Section 251 and Section 271 Network Element will be provided in accordance with SBC MISSOURI Technical Publications or other written descriptions, as approved by the MISSOURI Commission. SBC MISSOURI will file its Technical Publications with the Commission and such Technical Publications will be deemed approved within ten (10) business days of filing unless suspended by the Commission. If a Technical Publication is suspended, the Commission shall approve the Technical Publication or deny approval for good cause within forty-five (45) days of filing. Further, changes may be made from time to time by joint agreement of SBC MISSOURI and the affected CLEC, and where CLEC agreement cannot be obtained, as changed with the approval of the MISSOURI Commission. Such publications will be shared with CLEC. CLEC may request, and SBC MISSOURI may provide, to the extent technically feasible, Section 251 and Section 271 Unbundled Network Elements or Network Elements that are superior or lesser in quality than SBC MISSOURI provides to itself and such service will be requested pursuant to the BFR process.

2.33.2 SBC MISSOURI will provide an SBC MISSOURI Technical Publication or other written description for each Section 251 and Section 271 Unbundled Network Element identified and 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. The Technical Publications or other written description shall be posted on SBC MISSOURI's CLEC Online website.

2.33.3 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 could reasonably be expected to materially impact the other Party's service consistent with the timelines and guidelines established by 47 CFR Sections 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 SBC MISSOURI, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

2.33.4 SBC MISSOURI will provide notification of network changes in accordance with 47 CFR Section 51:325-335.

2.33.5 For Unbundled Network Elements purchased through the BFR Process, SBC MISSOURI, in its discretion, will determine whether it can offer the applicability of the preceding Section on a case-by-case basis.

2.33.6 For each Section 251 and Section 271 Unbundled Network Element identified and provided for in this Attachment, SBC MISSOURI 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.

2.33.7 SBC MISSOURI will provide performance measurements as outlined in Attachment 17 under this Agreement. SBC MISSOURI will not levy a separate charge for providing this information.

2.34 If one or more of the requirements set forth in this Attachment are in conflict, the Parties will mutually agree which requirement will apply.

2.35 When CLEC purchases Unbundled Network Elements to provide interexchange services or exchange access services for intraLATA traffic originated by or terminating to CLEC local service customers, SBC MISSOURI will not collect access charges from CLEC or other IXCs except for charges for exchange access transport services that an IXC elects to purchase from SBC MISSOURI.

2.36 CLEC will connect equipment and facilities that are compatible with the SBC MISSOURI Unbundled Network Elements.

2.37 Bona Fide Request (BFR)

2.37.1 The sections below identify Unbundled Network Elements and provide terms and conditions on which SBC MISSOURI will offer them to CLEC. Any request by CLEC for an additional Unbundled Network Element will be considered under the procedures set forth below. Bona Fide Request ("BFR") is the process by which CLEC may submit a request for SBC MISSOURI to provide access to a Network Element that is new, undefined, or part of a Commingled Arrangement not identified in Appendix, (a "Request"), that is required to be provided by SBC MISSOURI under the Act but is not available under this Agreement or defined in a generic appendix at the time of CLEC's request. Where facilities and equipment are not available, CLEC may request and, to the extent required by law and as SBC MISSOURI may otherwise agree, SBC MISSOURI will provide Unbundled Network Elements through the BFR process.

2.37.2 SBC MISSOURI will promptly consider and analyze access to a new Unbundled Network Element with the submission of an Unbundled Network Element BFR hereunder. The Unbundled Network Element BFR process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.

2.37.3 CLEC may submit an 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 reasonably necessary, locations where reasonably necessary a reasonably requested date when interconnection is requested and the projected quantity of interconnection points ordered with a three (3) year demand forecast.

2.37.4 Unless the Parties otherwise agree, the Unbundled Network Element BFR must be priced in accordance with Section 252(d)(1) of the Act.

2.37.5 CLEC may cancel an Unbundled Network Element BFR by providing written notice to SBC MISSOURI in a commercially reasonable manner; provided however, that CLEC will pay SBC MISSOURI its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date SBC MISSOURI receives notice of cancellation. If cancellation occurs prior to completion of the preliminary evaluation, and if CLEC has provided SBC MISSOURI a deposit and the reasonable and demonstrable costs are less than the deposit, the remaining balance of the deposit will be, at CLEC's option, either returned to CLEC or credited toward additional developmental costs authorized by CLEC. Such cancellation occurs later than ninety (90) calendar days from the date SBC MISSOURI provides its Final Quote, CLEC shall pay SBC all reasonable costs incurred in developing the new element.

2.37.6 SBC MISSOURI will promptly consider and analyze each BFR it receives. Within ten (10) business days of its receipt, SBC MISSOURI 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 SBC MISSOURI has received a complete and accurate Unbundled Network Element BFR Application Form.

2.37.7 Except under extraordinary circumstances, within thirty (30) days of its receipt of an Unbundled Network Element BFR, SBC MISSOURI will provide to CLEC a preliminary analysis of such Unbundled Network Element BFR. The preliminary analysis will (i) indicate that SBC MISSOURI will offer the request to CLEC or (ii) advise CLEC that SBC will deny its request, (i.e., that access to the Unbundled Network Element BFR is not technically feasible or does not qualify as an Unbundled Network Element that SBC MISSOURI must provide under the Act. If CLEC has paid a deposit, SBC will issue a credit to CLEC, less SBC MISSOURI's reasonable and demonstrable costs.

2.37.8 Following receipt of the Preliminary Analysis, CLEC may, at its discretion, provide written authorization to SBC MISSOURI to develop the Unbundled Network Element BFR and prepare a 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 SBC MISSOURI 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.

2.37.9 As soon as feasible, but not more than ninety (90) days after its receipt of written authorization to proceed with developing the Unbundled Network Element BFR Final Quote, SBC MISSOURI 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 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.

2.37.10 Within thirty (30) calendar days of its receipt of the Unbundled Network Element BFR Final Quote, CLEC 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. If CLEC confirms and authorizes the implementation of the requested service as outlined on the BFR, and provides payment of the amount quoted, minus a deposit (if paid), SBC MISSOURI will promptly proceed with developing and providing the Unbundled Network Element.

2.37.11 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 which also provides for mediation or arbitration proceedings as needed.

2.37.12 If SBC MISSOURI provides any Unbundled Network Element not identified in this Agreement to a requesting Telecommunications Carrier through the BFR process, SBC MISSOURI will make available the same Unbundled Network Element, combination or interconnection arrangement to all CLECs, without requiring any additional CLEC to use the Bona Fide Request process. SBC MISSOURI shall notify all CLECs, through Accessible Letter, that an Unbundled Network Element will be available as a result of a BFR; such notice shall be provided no later than thirty (30) days prior to the new Unbundled Network Element's availability. Whenever CLEC requests to purchase a particular SBC MISSOURI 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: SBC MISSOURI will provide a price quote for the Unbundled Network Element BFR, consistent with the Act, within ten (10) business days following SBC MISSOURI'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.

2.37.13 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

3.0 Network Interface Device

3.1 Apart from its obligation to provide the Network Interface Device (NID) functionality as part of an unbundled loop or subloop, SBC MISSOURI shall also provide nondiscriminatory access to the NID as a UNE, consistent with Section 2.1 of this Attachment UNE, SBC MISSOURI shall provide Network Interface Device under the following terms and conditions in this subsection.

3.2 The Network Interface Device (NID) UNE is defined as any means of interconnection of end user customer premises wiring to SBC MISSOURI's distribution plant, such as a cross connect device used for that purpose. Fundamentally, the NID establishes the final (and official) network demarcation point between the loop and the end user's inside wire. Except in multi-unit tenant properties where SBC MISSOURI owns and maintains control over inside wire within a building or on a property up to the NID, maintenance and control of the end user's inside wiring (i.e., 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 on the end user's side of the NID must be resolved by the end user. Pursuant to applicable FCC rules, SBC MISSOURI 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 may obtain unbundled access to the NID on SBC MISSOURI's network side on a stand-alone basis to permit CLEC to connects its own loop facilities to the premises wiring at any customer locations. Any repairs, upgrade and rearrangements to the NID required by CLEC will be performed by SBC MISSOURI based on Time and Material charges set out in Appendix Pricing. SBC MISSOURI, at the request of CLEC, will disconnect the SBC MISSOURI local loop from the NID, at charges reflected in Appendix Pricing. CLEC may elect to disconnect SBC MISSOURI's local loop from the NID on the customer's side of the NID, but CLEC shall not perform any disconnect on the network side of the NID.

3.4 With respect to multiple dwelling units or multiple-unit business premises, CLEC shall have the option of connecting directly with the End User's premises wire, or may connect with the End User's premises wire via SBC MISSOURI's NID.

3.5 SBC MISSOURI shall be under no obligation to install a NID in order to enable CLEC to interconnect to such NID, but SBC MISSOURI shall make available to CLEC any NID that exists at the time CLEC seeks interconnections to a NID to serve an end user customer. The NIDs that CLEC uses under this Attachment will be existing NIDs installed by SBC MISSOURI to serve its End Users.

3.6 Neither Party shall attach to or disconnect the other Party's ground. Neither Party shall cut or disconnect the other Party's loop from the NID and/or its protector. Neither Party shall cut any other leads in the NID.

3.7 If CLEC requests any additional types of access to the NID not specifically referenced above, SBC MISSOURI will consider the requested type of access via a mutually feasible method, to be facilitated via the Bona Fide Request (BFR) Process.

4.0 Local Loop

4.1 Consistent with Section 2.1 of this Attachment UNE, SBC MISSOURI shall provide Unbundled Local Loop under the following terms and conditions.

4.2 Pursuant to applicable FCC rules, a local loop UNE is a dedicated transmission facility between a distribution frame (or its equivalent) in an SBC MISSOURI Central Office and the loop demarcation point at an premises. Therefore, consistent with the applicable FCC rules, SBC MISSOURI will make available the UNE loops set forth herein below between a distribution frame (or its equivalent) in an SBC MISSOURI Central Office and the loop demarcation point at an premises. The Parties acknowledge and agree that SBC MISSOURI shall not be obligated to provision any of the UNE loops provided for herein to cellular sites. Where applicable, the local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned or controlled by SBC MISSOURI. The local loop UNE 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 Local Loop UNE includes, but is not limited to (DS1, DS3, fiber, and other high capacity loops to the extent required by applicable law, and where such loops are deployed in SBC MISSOURI wire centers. CLEC agrees to operate each loop type within the technical descriptions and parameters accepted within the industry. In accordance with 47 C.F.R. 51.319(a)(9), SBC MISSOURI shall not engineer the transmission capabilities of its network in a manner, or engage in any policy, practice, or procedure, that disrupts or degrades access to a local loop or subloop, including the time division multiplexing-based features, functions and capabilities of a hybrid loop, for which a requesting telecommunications carrier may obtain or has obtained access pursuant to this agreement.

4.2.1 When a local loop UNE is ordered to a high voltage area, the Parties understand and agree that the local loop UNE 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 local loop UNE to a high voltage area will be submitted by CLEC to SBC MISSOURI. If CLEC requests that SBC MISSOURI provision the HVPE, CLEC shall be required to pay SBC MISSOURI on an ICB basis for the HVPE that is provisioned by SBC MISSOURI to CLEC in connection with the CLEC's UNE loop order to the high voltage area.

4.3 Routine Network Modifications to UNE loops

4.3.1 SBC MISSOURI shall make routine network modifications to unbundled loop facilities used by CLEC where the requested loop facility has already been constructed. SBC MISSOURI shall perform routine network modifications to unbundled loop facilities in a nondiscriminatory fashion, without regard to whether the loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

4.3.2 A routine network modification is an activity that SBC MISSOURI regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer; and attaching electronic and other equipment that SBC MISSOURI ordinarily attaches to a loop to activate such. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the construction of a new loop, or the installation of new aerial or buried cable for a requesting telecommunications carrier, and SBC MISSOURI is not obligated to perform those activities for CLEC.

4.3.3 Routine network modifications do not include constructing new 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 enclosure (e.g., controlled environmental vaults, huts, or cabinets); or providing new space or power for requesting carriers; or removing or reconfiguring packetized transmission facility. SBC MISSOURI is not obligated to perform those activities for a requesting telecommunications carrier.

4.3.4 SBC MISSOURI shall determine whether or how to perform routine network modifications using the same network or outside plant engineering principles that would be applied in providing service to SBC MISSOURI's retail customers.

4.3.5 Intentionally Left Blank

4.3.6 SBC MISSOURI shall provide routine network modifications at the rates, terms and conditions set out in this Attachment and in the Schedule of Prices.

4.4 The following types of local loop UNEs will be provided at the rates, terms, and conditions set out in this Attachment and in the Appendix Pricing UNE - Schedule of Prices:

4.4.1 2-Wire Analog Loop

4.4.1.1 A 2-Wire analog loop is a transmission facility which supports analog voice frequency, voice band services with loop start or ground start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

4.4.1.2 If CLEC requests one or more unbundled loops serviced by Integrated Digital Loop Carrier (IDLC) SBC MISSOURI will, where available, move the requested unbundled loop(s) 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, SBC MISSOURI will within two (2) business days, excluding weekends and holidays, of CLEC's request, notify CLEC of the lack of available facilities.

4.4.2 4-Wire Analog Loop

4.4.2.1 A 4-Wire analog loop is a transmission facility that 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 2-Wire Digital Loop

4.4.3.1 A 2-Wire 160 Kbps digital loop is a transmission facility which 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 4-Wire DS1 Digital Loop

4.4.4.1 A DS1 4-Wire 1.544 Mbps digital loop is a transmission facility from the SBC MISSOURI Central Office to the end user premises that will support DS1 service (i.e., usable bandwidth up to 1.544 Mbps) including Primary Rate ISDN (PRI). The 4-wire digital loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps.

4.4.4.2 DS1 loops will be available to CLEC, without limitation, regardless of the technology used to provide such loops, e.g., 2-wire and 4-wire HDSL or SHDSL, fiber optics, used by SBC MISSOURI to provision such loops.

4.4.5 DS3 Digital Loop

4.4.5.1 A DS3 loop provides a digital, 45 Mbps transmission facility from the SBC MISSOURI Central Office to the end user premises.

4.6 Hybrid Loops

4.6.1 A hybrid loop is a local loop composed of both fiber, usually in the feeder plant, and copper wire or cable, usually in the distribution plant. At CLEC's request, SBC MISSOURI shall provide CLEC access to a hybrid loop as set forth in this Section.

4.6.2 For narrowband access, SBC MISSOURI shall provide non-discriminatory access either to an entire hybrid loop capable of voice grade services (i.e. equivalent to DS0 capacity) using time division multiplexing; or to a spare home-run copper loop serving that customer on an unbundled basis.

4.6.3 Fiber to the Home Loops – A fiber to the home loop (FTTH) is a local loop consisting of entirely fiber cable, whether dark or lit, and serving an end user's customer premises. SBC MISSOURI shall provide access to FTTH consistent with the terms set forth below.

4.6.4 SBC MISSOURI must maintain the existing copper loop connected to the particular customer premises after deploying the fiber-to-the-home loop and provide nondiscriminatory access to that copper loop on an unbundled basis unless SBC MISSOURI retires the copper loop pursuant to Section 51.319(a)(3)(iii).

4.6.5 If SBC MISSOURI maintains the existing copper loop pursuant to Section 51.319(a)(3)(ii)(A) it need not incur any expenses to ensure that the existing copper loop remains capable of transmitting signals prior to

receiving a request for access pursuant to that paragraph, in which case SBC MISSOURI shall restore the copper loop to serviceable condition upon request.

4.6.6 Should SBC MISSOURI retire the copper loop pursuant to Section 51.319(a)(3)(iii) it shall provide nondiscriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the fiber-to-the-home loop on an unbundled basis.

4.6.7 Prior to retiring any copper loop or copper subloop that has been replaced with a fiber-to-the-home loop, SBC MISSOURI must comply with:

4.6.7.1 The network disclosure requirements set forth in section 251(c)(5) of the Act and in ¶ 51.325 through ¶51.335; and

4.6.7.2 Any applicable state requirements

4.7 Access to Loops

4.7.1 The FCC determined in the TRRO that CLECs' access to high-capacity loops under Section 251 shall be limited with respect to loops obtained to serve buildings in certain locations. For purposes of this Section 4.7, the following definitions apply:

(A) A "fiber-based collocator" is defined in accordance with 47 C.F.R. 51.5.

(B) A "building" is a permanent physical structure in which people reside, or conduct business or work on a daily basis and which has a unique street address assigned to it. With respect to a multi-tenant property with a single street address, an individual tenant's space shall constitute one building for purposes of this Attachment (1) if the multi-tenant property is subject to separate ownership of each tenant's space, or (2) if the multi-tenant structure is under single ownership and there is no centralized point of entry in the structure through which all telecommunications services must transit. As an example only, a high-rise office building with a general telecommunications equipment room through which all telecommunications services to that building's tenants must pass would be a single "building" for purposes of this Section 4.7. A building for purposes of this Section 4.7 does not include convention centers, arenas, exposition halls, and other locations that are routinely used for special events of limited duration. Two or more physical structures that share a connecting wall or are in close physical proximity shall not be considered a single building solely because of a connecting tunnel or covered walkway, or a shared parking garage or parking area so long as such structures have a unique street address. Under no circumstances shall educational, governmental, medical, research, manufacturing, or transportation centers that consist of multiple permanent physical structures on a contiguous property and are held under common ownership be considered a single building for purposes of this Section 4.7.

(C) A "business line" is defined in accordance with 47 C.F.R. 51.5.

4.7.1.1 SBC shall provide CLEC DS1 loops to any building that is not served by an SBC wire center with at least 60,000 business lines and at least four-fiber based collocators, except that CLEC shall not be entitled to obtain more than 10 DS1 loops to a single building**.**

4.7.1.2 SBC shall provide CLEC DS3 loops to any building not served by a wire center with at least 38,000 business lines and at least four fiber-based collocators, except that CLEC shall not be entitled to obtain more than one DS3 loop to a single building.

4.7.1.3 The Parties agree that activity by SBC under this Section 4.7 shall not be subject to the Network Disclosure Rules.

4.7.2 Declassified DS1 and DS3 loops in the Embedded Base—See Remand Order Embedded Base Temporary Rider

4.7.3 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE loop intended to be used to serve a new customer (i.e. ordered on or after March 11, 2005 and, therefore, not part of CLEC's embedded customer base) satisfies the availability criteria set forth in Section 4.7.1 above prior to submitting its order to SBC MISSOURI. SBC MISSOURI has posted and will post a list to its CLEC-Online website, identifying the wire centers where DS1 and DS3 UNE Loops are Declassified under Sections 4.7.1.1 and 4.7.1.2, above, and those Sections shall apply. For situations where SBC MISSOURI's posted list does not identify a wire center(s) relevant to CLEC's order for DS1 or DS3 UNE Loop(s), CLEC shall self-certify, if requested to do so by SBC MISSOURI, that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Section 4.7.1 as to the particular UNE(s) sought. SBC MISSOURI shall provision the requested DS1 or DS3 loop in accordance with CLEC's order and within SBC MISSOURI's standard ordering interval applicable to such loops. SBC MISSOURI shall have the right to contest such orders, and CLEC's ability to obtain a requested DS1 or DS3 UNE Loop only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute to both Parties' satisfaction within 30 days of SBC MISSOURI's written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned DS1 or DS3 UNE Loop, the rates paid by CLEC for the affected Loop shall be subject to true-up and CLEC shall be required to transition from the UNE DS1 or DS3 Loop to an alternative service/facility within 30 days of such determination. If CLEC does not transition the Loop within the 30 day period, then SBC MISSOURI may disconnect the loop or convert it to an analogous service.

4.8 Transition for existing Section 251 unbundled DS1 and DS3

4.8.1 SBC MISSOURI will provide written notice to CLEC no later than February 10, 2006 of the DS1 and DS3 loops that are required to be transitioned to other facilities by March 11, 2006. If CLEC has not submitted an LSR or ASR, as applicable, to SBC MISSOURI requesting conversion of the Declassified loop(s) to a Section 271 unbundled DS1 and/or DS3 loops or to another wholesale service, then on March 11, 2006, SBC MISSOURI shall convert the Declassified loop(s) to an analogous access service, if available, or if no analogous access service is available, to such other service arrangement as SBC MISSOURI and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale). Conversion of loops shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service, and at no charge to CLEC.

4.8.2 As of the date of conversion of DS1 and/or DS3 loops under Section 4.8.1 above, any services or products provided by SBC MISSOURI in conjunction with such Loops (e.g. Cross-Connects) shall be billed at wholesale rates. Cross-connects obtained under SBC MISSOURI's physical collocation tariff shall not be repriced to access rates.

5.0 DARK FIBER LOOPS AND DARK FIBER DEDICATED TRANSPORT

5.1 Dark fiber is fiber which has not been activated through connection to the electronics that "light" it and render it capable of carrying telecommunications services. Dark fiber is unlit optic cable that is deployed within SBC MISSOURI's network that is in place and easily called into service. Unlit fiber is dark fiber regardless of whether the fiber is spliced or terminated. Dark fiber, includes unlit fiber that could be, but is not currently,

spliced or terminated in any segment including any "dead count," as well as point to point but not assigned segments. Spare dark fiber is determined by the formula in Section 5.

5.2 SBC MISSOURI will provide loop and sub-loop dark fiber as an Unbundled Network Element Under Section 271 of the Act. All SBC MISSOURI dark fiber from any SBC MISSOURI wire center to a customer premise is included as a loop dark fiber irrespective of the serving wire center for such location.

5.3 Dark Fiber Transport

5.3.1 At unbundled dedicated transport dark fiber segments in routes that have not been Declassified, SBC MISSOURI will provide a UNE Dedicated Transport Dark Fiber segment that is considered "spare" as defined in Section 5.5 and 5.6 below. UNE Dedicated Transport Dark Fiber is defined as SBC MISSOURI dark fiber interoffice transmission facilities dedicated to CLEC that are within SBC MISSOURI's network, connecting SBC MISSOURI switches or wire centers within a LATA. UNE Dedicated Transport Dark Fiber does not include transmission facilities between the SBC MISSOURI network and CLEC's network or the location of CLEC equipment. SBC MISSOURI will offer UNE Dedicated Transport Dark Fiber to CLEC when CLEC has collocation space in each SBC MISSOURI CO where the requested UNE Dedicated Transport Dark Fiber(s) terminate.

5.3.2 SBC MISSOURI will provide dark fiber transport under Section 251 between any pair of its wire centers, except where both wire centers defining the route are either Tier 1 or Tier 2 wire centers. SBC's wire centers in MISSOURI shall be classified as either Tier 1, Tier 2 or Tier 3 as follows:

5.3.3 Wire Center "Tiers"

(A) Tier 1 wire centers are those SBC MISSOURI wire centers that contain at least four fiber-based collocators, at least 38,000 business line, or both. Tier 1 wire centers also are those SBC MISSOURI tandem switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic aggregation accessible by CLECs. Once a wire center is determined to be a Tier 1 Wire Center, that wire center is not subject to later reclassification as a Tier 2 or Tier 3 Wire Center.

(B) Tier 2 wire centers are those SBC MISSOURI wire centers that are not Tier 1 wire centers, but contain at least three fiber-based collocators, at least 24,000 business lines, or both. Once a wire center is determined to be a Tier 2 Wire Center, that Wire Center is not subject to later reclassification as a Tier 3 Wire Center.

(C) Tier 3 wire centers are those SBC MISSOURI wire centers that do not meet the criteria for Tier 1 and Tier 2 wire centers.

5.3.4 The Parties agree that activity by SBC under this Section 5.3 shall not be subject to the Network Disclosure Rules.

5.3.5 Loop Dark Fiber -- Loop Dark Fiber provided under Section 251 is addressed in the Embedded Base Rider

5.4 Spare Fiber Inventory Availability and Condition

5.4.1 All available spare dark fiber will be provided as is. No conditioning will be offered. Spare dark fiber is fiber that is spliced in all segments, point to point but not assigned, and spare dark fiber does not include maintenance spares, fibers set aside and documented for SBC MISSOURI's forecasted growth, defective

fibers, or assigned fibers. CLEC will not obtain any more than 25% of the spare dark fiber contained in the requested segment, during any two-year period.

5.4.2 Determining Spare Fibers:

5.4.2.1 SBC MISSOURI will inventory dark fibers. Spare fibers do not include the following:

5.4.2.1.1 Maintenance spares. Maintenance spares shall be kept in inventory like a working fiber. Spare maintenance fibers are assigned as follows:

- Cables with 24 fibers and less: two maintenance spare fibers
- Cables with 36 and 48 fibers: four maintenance spare fibers
- Cables with 72 and 96 fibers: eight maintenance spare fibers
- Cables with 144 fibers: twelve maintenance spare fibers
- Cables with 216 fibers: 18 maintenance spares
- Cables with 288 fibers: 24 maintenance spares
- Cables with 432 fibers: 36 maintenance spares
- Cables with 864 fibers: 72 maintenance spares.

5.4.3.2.2 Defective fibers. Defective dedicated transport dark fiber, if any, will be deducted from the total number of spare dedicated transport dark fiber that would otherwise be available.

5.4.2.2.1 SBC MISSOURI growth fibers. Fibers documented as reserved by SBC MISSOURI for utilization for growth within the 12 month–period following the carrier's request.

5.4.2.2.2 Assigned fibers. Dedicated transport dark fiber with SBC MISSOURI or other CLEC working or pending optronics installations.

5.4.3 The appropriate SBC MISSOURI engineering organization will maintain records on each fiber optic cable for which CLEC requests dark fiber.

5.4.4 Intentionally Left Blank

5.4.5 Quantities and Time Frames for ordering Dark Fiber:

5.4.5.1 The minimum number of fiber strands that CLEC can order is one, and fiber strands must be ordered on a strand-by-strand basis. The maximum number of fiber strands that CLEC can order is no greater than 25% of the spare facilities in the segment requested. Should spare fiber fall below 8 strands in a given location, SBC MISSOURI will provide the remaining spares one strand at a time and no more than a quantity of 2 strands.

5.4.5.2 If CLEC wishes to request dark fiber, it must submit a dark fiber facility inquiry, providing CLEC's specific point-to-point (A to Z) dark fiber requirements. When CLEC submits a dark fiber facility inquiry, appropriate rates for the inquiry will be charged as set forth in the Appendix Pricing.

5.4.5.3 If spare dark fiber is available, as determined under this Agreement, SBC MISSOURI will notify CLEC and CLEC may place an Access Service Request (ASR) for the dark fiber.

5.4.5.4 Dark fiber will be assigned to CLEC only when an ASR is processed. ASRs will be processed on a first-come-first-served basis. Inquiry facility checks do not serve to reserve dark fiber. When CLEC submits the

ASR, the ASR will be processed and the dark fiber facilities will be assigned. The charges are set forth in the Pricing Appendix.

5.4.6 Right of Revocation of Access to Dark Fiber

5.4.6.1 Should CLEC not utilize the fiber strand(s) subscribed to within the 12-month period following the date SBC MISSOURI provided the fiber(s), SBC MISSOURI may revoke CLEC's access to dark fiber and recover those fiber facilities and return them to SBC MISSOURI inventory. SBC MISSOURI may invoke this right by providing 10 days written notice to CLEC that SBC MISSOURI is reclaiming the fibers.

5.4.6.2 SBC MISSOURI may reclaim from the CLEC's the right to use dark fiber, whether or not the dark fiber is being utilized by CLEC, upon twelve (12) months' written notice to CLEC. SBC MISSOURI will provide an alternative facility for the CLEC with the same bandwidth CLEC was using prior to reclaiming the facility. SBC MISSOURI must also demonstrate to CLEC that the dark fiber will be needed to meet SBC MISSOURI's bandwidth requirements within the 12 months following the revocation.

5.4.7 Access Methods specific to Dark Fiber

5.4.7.1 At SBC MISSOURI central offices' the dark fiber terminates on a fiber distribution frame, or equivalent, in the central office. CLEC's access is provided through an approved collocation access. CLEC may collocate, providing collocation application and associated criteria are met, when seeking interconnection. The only method of access for placing equipment for Dark fiber is collocation.

5.4.7.2 The demarcation point for dark fiber at central offices, remote terminals and customer premises will be in an SBC MISSOURI approved splitter shelf. This arrangement allows for non-intrusive testing.

5.4.7.3 At central office's dark fiber terminates on a fiber distribution frame, or equivalent in the central office.

5.4.8 Installation and Maintenance for Dark Fiber

5.4.8.1 SBC MISSOURI will install demarcations and place the fiber jumpers from the fiber distribution frame, or equivalent, optic terminals to the demarcation point. CLEC will run its fiber jumpers from the demarcation point (1x2, 90-10 optical splitter) to the CLEC equipment.

5.4.8.2 Routine Network Modifications for Unbundled Dark Fiber Loops Provided Under Section 271 and for Unbundled Dark Fiber Transport Provided Under Section 251 or Section 271.

5.4.8.2.1 SBC MISSOURI shall make routine network modifications to UNE unbundled Dedicated Transport Dark Fiber and loop dark fiber facilities used by CLEC for the provision of telecommunication services where the requested UNE Dedicated Transport Dark Fiber or loop dark fiber facilities have already been constructed. SBC MISSOURI shall perform routine network modifications to UNE unbundled Dedicated Transport Dark Fiber and loop dark fiber in a nondiscriminatory fashion, without regard to whether the UNE Dedicated Transport Dark Fiber or loop dark fiber being accessed was constructed on behalf, or in accordance with the specifications, for CLEC .

5.4.8.2.2 SBC MISSOURI shall make routine network modifications to UNE Dedicated Transport Dark Fiber used by requesting Telecommunications Carriers for the provision of Telecommunication Services where the requested UNE Dedicated Transport Dark Fiber facilities have already been constructed. SBC MISSOURI shall perform routine network modifications to UNE Dedicated Transport Dark Fiber in a nondiscriminatory fashion, without regard to whether such fiber being accessed was constructed on behalf, or in accordance with the specifications, of any Telecommunications Carrier.

5.4.8.2.3 A routine network modification is an activity that SBC MISSOURI regularly undertakes for its own customers. Routine network modifications do not include the installation of fiber for a requesting telecommunications carrier, nor do routine network modifications include the provision of electronics for the purpose of lighting dedicated transport dark fiber (i.e., optronics), and SBC MISSOURI is not obligated to perform those activities for a requesting telecommunications carrier.

5.5 Conversion or Repricing of Declassified Dark Fiber Loops and Transport During the Transition Period. See Remand Order Embedded Base Temporary Rider

5.5.1 In its TRO Remand Order, the FCC determined that all dark fiber loops shall be Declassified and that dark fiber dedicated transport shall be Declassified on those routes where both SBC wire centers are classified as either Tier 1 or Tier 2. As a result, SBC MISSOURI shall not be required to provide and CLEC shall not order such Declassified dark fiber loop and/or dark fiber transport as Section 251 UNEs. SBC MISSOURI shall continue to provide any existing Section 251 unbundled dark fiber loops and any existing Declassified dark fiber transport circuits for a transition period of 18 months from March 11, 2005. At the expiration of that transition period, if CLEC has not submitted an LSR or ASR, as applicable, to SBC MISSOURI requesting disconnection or conversion of the Declassified dark fiber loops and/or Declassified dark fiber transport circuit(s) to a Section 271, special access or other wholesale service, SBC MISSOURI shall convert the Declassified dark fiber loops and/or Declassified dark fiber transport circuit(s) to an analogous access service, if available, or if no analogous access service is available, to such other service arrangement as SBC MISSOURI and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and SBC MISSOURI have failed to reach agreement as to a substitute service within by March 12, 2006, , then CLEC may submit a BFR no later than April 12, 2006. If CLEC has not submitted a BFR by April 12, 2006, then SBC MISSOURI may disconnect the Declassified dark fiber loops and/or dark fiber transport circuit(s). Conversion of dedicated transport circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service, and at no charge to CLEC.

6.0 For Embedded Base Transition see "Remand Order Embedded Base Temporary Rider."

6.1 Unbundled Local Switching, as an unbundled network element under Section 251, shall be available to CLEC under the transition plan described in the FCC's TRO Remand Order and implemented in Section 7.1 of this Attachment 6. Unbundled Local Switching as an unbundled network element under Section 271 and to the extent it is available under Section 251, shall be provided in accordance with Sections 6.2 through 6.9 inclusive, below.

6.1.1 SBC MISSOURI will provide SS7 signaling in conjunction with inter-switch calls originating from an ULS-ST port. CLEC will be charged for the use of such SBC MISSOURI SS7 signaling on a per-call basis as identified as Standard Set-up per Call Attempt as listed in the Pricing Schedule.

6.2 Consistent with Section 2.0 of this Attachment UNE, SBC MISSOURI shall provide Unbundled Local Circuit Switching, including tandem switching (ULS) under the following terms and conditions.

6.2.1 Definitions

6.2.1.1 ULS is defined as (1) all line-side and trunk-side facilities, 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 (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.

6.3 ULS-ST includes the same basic capabilities that are available to SBC MISSOURI's customers, such as telephone number, dial tone, signaling and access to 911, operator services, directory assistance, and features and functions necessary to provide services required by law. In addition, ULS-ST includes line class codes that reside in the SBC MISSOURI local switch which provide and identify the calling scope or multiple calling scopes of a local subscriber. The one way extended area line class codes, as part of ULS-ST, may be combined with Unbundled Local Loops to provide subscriber services on a local and/or one-way expanded local basis similar to what SBC MISSOURI provides for its customers.

6.4 The ULS element also includes access to all call origination and completion capabilities (including intraLATA and interLATA calls), and CLEC is entitled to all revenues associated with its use of those capabilities, including access and toll revenues. SBC MISSOURI will provide CLEC with recordings and up-to-date call routing tables used by SBC MISSOURI in determining call jurisdiction based upon originating and terminating NPA NXX which will permit it to collect all access or toll revenues associated with the use of the local switching element.

6.5 SBC MISSOURI shall provide, as part of ULS-ST, access to the most current NPA NXX calling scope tables necessary for CLEC to distinguish between SBC MISSOURI's routing of local, extended metro service, extended area service and ELCS service, including two-way and one-way extended calls,

6.5.1 SBC MISSOURI will provide CLEC with the information CLEC needs to determine, based upon originating and terminating NPA NXX, whether a call originating from a ULS element with a dialing plan equal to the plan established in the office for SBC MISSOURI's own customers, is local, one-way expanded local, two-way expanded local, extended area calling service, toll or any other jurisdiction, and such information will be made available by SBC MISSOURI so that such determination can be made accurately as of the date and time any such call is carried.

6.5.2 SBC MISSOURI will provide the ULS element so that the dialing plan associated with the port will be equal to the dialing plan established in the office for SBC MISSOURI's own customers. When the established dialing plan calls for 10 digit dialing it will apply equally to Unbundled Local Switching purchased by CLEC.

6.5.3 UNE Coin Language

6.5.3 SBC MISSOURI will provide upon request new Line Class Codes ("New LLCs") on SBC MISSOURI's switches serving MISSOURI that provide an Analog Line Port with Coin Identification to allow for the identification of calls originating from payphones served by CLEC. Using the New LCCs, the Analog Line Port with Coin Identification will provide Flexible Automatic Number Identification (Flex ANI), and will populate Flex ANI's information indicator with the code(s) that identify the originating class of service as payphone/coin. The New LCCs will also provide the Analog Line Port with Coin Identification with Selective Class of Call Screening ("SCOCS"), which restricts all station paid toll calls from designated customer stations. By using TSPS operator identification, SCOCS will permit the restriction of outgoing toll calls from station users to only those calls which are charged to the called telephone number, a third number, or a credit card.

6.5.3.1 The New LCCs may be ordered and used only in conjunction with an Analog Line Port, and only when and for so long as the Analog Line Port is used to provide a payphnone service by the CLEC or one of its customers.

6.5.3.2 All orders for Analog Line Port with Coin Identification, including without limitation those involving new combinations or for conversions, will be submitted manually until electronic ordering systems are available. The electronic SOC (Service Order Charge) will apply to all orders, manual and electronic. The following additional charges will apply for each existing retail or resold coin/payphone local exchange service or currently combined Section 251 UNE loop and transport combination (UNE-P) to be converted to UNE-P, or to a commingled arrangement consisting of an unbundled loop and unbundled switching where these network elements are provided as Section 271 network elements, using an Analog Line Port with Coin Identification: a Central Office Conversion Charge and a non-recurring Network Enhancement Charge.

6.5.3.3 Unless SBC MISSOURI and CLEC have otherwise mutually agreed to other arrangements for those non-sent paid calls carried by SBC MISSOURI which may be placed from an Analog Line Port, CLEC will provide SBC MISSOURI with Automatic Number Identification (ANI) lists once each quarter, in accordance with the FCC rules and orders. CLEC agrees to accept per call compensation on behalf of the payphone service providers (PSPs) that CLEC serves using Analog Line Port with Coin Identification or otherwise. It is CLEC's responsibility to keep accurate ANI information for payphone compensation, and provide such to SBC MISSOURI. SBC MISSOURI will issue a single check to CLEC representing total proceeds based upon the ANI lists provided by CLEC. CLEC is solely responsible for dispersing those payphone compensation proceeds as required by law

6.6 Specific Terms and Conditions for Unbundled Local Circuit Switching (ULS)

6.6.1 ULS uses routing instructions resident in the SBC MISSOURI switch to direct all CLEC traffic, except as may be Customized Routed pursuant to this Agreement.

6.6.2 Vertical features, CLASS features, and other features, functions, and capabilities loaded and activated in the SBC MISSOURI switch providing the ULS port are available with ULS. Access to any other features, functions, or capabilities loaded in the SBC MISSOURI switch but that are not activated, or access to features loaded and activated but which are not offered by SBC MISSOURI, including not offered as sought by the requesting CLEC (e.g., a feature offered with one port type but sought for another port type), shall be available to CLEC upon request. "Loaded" in the switch means that it is included in the software installed in the switch. "Activated" in the switch means that the licensing fees are current; that no further license, right to use, or other fee needs to be paid to, and no enabling code or other mechanism or method needs to be obtained from, a third party; and that translations and USOCs for use with ULS are in place such that ordering, billing and provisioning wholesale processes have been implemented. Rates are set out in Refer to State Specific Appendix Pricing for SBC MISSOURI.

6.6.3 SBC MISSOURI will allow CLEC to designate the features and functions that are available on a particular ULS port to the extent such features and functions are loaded and activated in that switch or, as may be requested by CLEC through the Bona Fide Request process. When CLEC purchases ULS in SBC MISSOURI, CLEC will be required to designate the features and functions that are to included on each ULS port.

6.6.4 SBC MISSOURI will not require the BFR process for switch features that have been activated and loaded in the switch and that have been requested or provisioned previously in a UNE environment, i.e., ordering, billing and provisioning processes have been implemented.

6.6.5 ULS as provided by SBC MISSOURI includes standard Central Office treatments (e.g., busy tones, vacant codes, fast busy, etc.), supervision and announcements.

6.6.6 SBC MISSOURI will control congestion points (such as those caused by radio station call-ins and network routing abnormalities) using appropriate network capabilities. CLEC agrees to respond to SBC MISSOURI's notifications regarding network congestion.

6.6.7 SBC MISSOURI will perform testing through ULS for CLECs in the same manner and frequency that it performs for its own customers that have a service using an equivalent switching port.

6.6.8 SBC MISSOURI will repair and restore any SBC MISSOURI equipment that may adversely impact ULS.

6.6.9 SBC MISSOURI will provide usage detail for each ULS port on a daily basis. Refer to Appendix Pricing for charges for daily usage detail records, in accordance with the Daily Usage Feed (DUF) provisions of this Agreement.

6.6.10 SBC MISSOURI will provide CLEC the function of blocking calls (e.g., 900 calls, international calls (IDDD), and toll calls) by line or trunk to the extent that SBC MISSOURI provides such blocking capabilities to its End Users and to the extent required by federal and/or State law.

6.6.11 Where processes for Unbundled Local Circuit Switching requested, whether alone or in conjunction with any other UNE(s) or service(s), pursuant to this Agreement are not already in place, SBC MISSOURI will develop and implement processes, subject to any associated rates, terms and conditions applicable under Commission-approved tariffs or this interconnection agreement. The Parties will comply with any applicable Change Management guidelines.

6.7 Customized Routing of CLEC Directory Assistance and Operator Services; Call Blocking/Screening

6.7.1 "Customized Routing" means the function of designating particular outgoing trunks associated with ULS, to carry certain classes of traffic originating from the CLEC's End Users being served with ULS.

6.7.2 Except as required to fulfill CLEC requests for customized routing, SBC MISSOURI' ULS will route local calls on SBC MISSOURI's common network (i.e., Common Transport) to the appropriate trunk or lines for call origination transport according to the same criteria that SBC MISSOURI applies to its own calls.

6.7.3 For Customized Routing, SBC MISSOURI should route all local operator services and directory assistance calls to a single destination designated by CLEC where technically feasible.

6.7.3.1 Subject to the above, SBC MISSOURI will provide Customized Routing with Unbundled Local Switching or Resale only according to the following conditions: Customized Routing will only be permitted on a class of call basis (i.e., all Directory Assistance Calls and/or all Operator Services calls (or all local calls for Unbundled Local Switching only) must be routed to the same dedicated facility.) CLEC may request additional types of Customized Routing for local calls through the BFR Process.

6.7.3.2 Permanent prices for AIN Customized Routing are found in Appendix Pricing UNE – Schedule of Prices.

6.7.3.3 For particular customer serving arrangements in which Customized Routing is not available through AIN (i.e. DMS-10 Switches, Inmate Service), if CLEC requests Customized Routing of OS/DA calls by the Line Class Code method (LCC), CLEC will pay rates to be established by future negotiation or arbitration. If CLEC does not so request, Customized Routing will be unavailable and the customer's operator services and directory assistance calls will be routed to the SBC MISSOURI OS/DA platform. CLEC will pay appropriate OS/DA

charges for SBC to properly handle such calls to SBC MISSOURI's OS/DA platform found on Appendix Pricing-UNE - Schedule of Prices labeled "Operator Services Call Completion Services" and "Directory Assistance." The particular customer serving arrangements in which customized routing is not available through AIN consist of the following: end user service with voice activated dial served out of a 5ESS switch; coin services where SBC MISSOURI's network rather than the telephone provides the signaling; hotel/motel services; and certain CENTREX-like services with features that are incompatible with AIN.

6.8 Technical Requirements

6.8.1 Where CLEC purchases Unbundled Local Switching or Resale and elects to provide Directory Assistance and Operator Services to its customers through its own Directory Assistance and Operator Services platforms, SBC MISSOURI will provide the functionality and features required to route calls from CLEC customers for Directory Assistance and Operator Services to CLEC designated trunks for the provision of CLEC Directory Assistance and Operator Services, in accordance with this Attachment.

6.8.2 SBC MISSOURI agrees to provide CLEC the AIN solution for customized routing in each of its end offices where technically feasible.

6.8.2.1 SBC MISSOURI will provide to CLEC the functionality of blocking calls (e.g., 900, international calls (IDDD) and toll calls) by line or trunk to the extent that SWBT provides such blocking capabilities to its customers and to the extent required by law. In those end offices where AIN is deployed, there will be no additional charge for blocking/screening for the above listed standard blocking/screening capabilities, other than the applicable charges established under the UNE Pricing Schedule.

6.8.2.2 When CLEC uses ULS and requests blocking/screening for one of those particular customer serving arrangements that are not AIN compatible, SBC-MISSOURI will provide blocking/screening via special line class codes at rates in accordance with the BFR process. The particular customer serving arrangements consist of the following: end user service with voice activated dial served out of a 5ESS switch; coin services where SBC MISSOURI' network rather than the telephone provides the signaling; hotel/motel services; and certain CENTREX-like services with features that are incompatible with AIN.

6.8.2.3 Intentionally Left Blank

6.8.2.4 SBC MISSOURI will make available to CLEC the ability to route all local Directory Assistance and Operator Services calls (e.g., 1+411, 0-, and 0+ seven or ten digit local, 1+HNPA+555-1212) dialed by CLEC Customers to the CLEC Directory Assistance and Operator Services platform. Customized Routing will not be used in a manner to circumvent the inter or intraLATA PIC process directed by the FCC. To the extent that intraLATA calls are routed to CLEC OS and DA platforms, CLEC may complete such calls and receive the associated revenue.

6.8.2.5 SBC MISSOURI will provide the functionality and features within its local switch (LS) to route CLEC customer-dialed Directory Assistance local calls to CLEC. (Designated trunks via Feature Group C signaling, or as the Parties may otherwise agree, for direct-dialed calls (i.e., sent paid).)

6.8.2.6 SBC MISSOURI will provide the functionality and features within its LS to route CLEC dialed 0/0+ local calls to CLEC. (Designated trunks via operator services Feature Group C signaling.)

6.8.2.7 SBC MISSOURI will provide to CLEC the functionality of blocking calls (e.g., 900, international calls (IDDD) and toll calls) by line or trunk to the extent that SBC MISSOURI provides such blocking capabilities to its customers and to the extent required by law.

6.8.2.8 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 SBC MISSOURI's operator and request the assistance of a supervisor to the extent done by SBC MISSOURI's operators.

6.8.2.9 SBC MISSOURI 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.

6.8.2.10 Direct routing capabilities described herein will permit CLEC customers to dial the same telephone numbers for CLEC Directory Assistance and Operator Services that similarly-situated SBC MISSOURI customers dial for reaching equivalent SBC MISSOURI services.

6.8.2.11 SBC MISSOURI, no later than five (5) days after the date CLEC requests the same, will provide to CLEC the emergency public agency (e.g., police, fire, ambulance) telephone numbers used by SBC MISSOURI in each NPA-NXX. Such data will be transmitted electronically copies of all SBC MISSOURI emergency listings reference documents from all of SBC MISSOURI's Operator Services offices. CLEC agrees to indemnify and hold SBC MISSOURI harmless from all claims, demands, suits or actions by third parties against SBC MISSOURI, or jointly against CLEC and SBC MISSOURI, arising out of its provision of such information to CLEC.

6.8.3 SBC MISSOURI will provide ULS only with standard central office treatments (e.g., busy tones, vacant codes, fast busy, etc.), supervision and announcements.

6.8.4 SBC MISSOURI will perform testing through the ULS for CLEC customers in the same manner and frequency that it performs such testing for its own customers for an equivalent service.

6.8.5 SBC MISSOURI will repair and restore any SBC MISSOURI equipment or any other maintainable component that may adversely impact ULS.

6.8.6 SBC MISSOURI will control congestion points such as those caused by radio station call-ins, and network routing abnormalities, using capabilities such as Automatic Call Gapping, Automatic Code Gapping, Automatic Congestion Control, and Network Routing Overflow. CLEC agrees to respond to SBC MISSOURI's notifications regarding network congestion.

6.8.7 SBC MISSOURI will perform, according to its own procedures and applicable law, manual traps as requested by designated CLEC personnel (Attachment 16: Network Security) and permit customer originated call trace (Attachment 1: Resale, Appendix Services/Pricing). CLEC will obtain all necessary legal authorization for the call trace.

6.8.8 SBC MISSOURI will record billable events, where technically feasible, and send the appropriate billing data to CLEC as outlined in GT&C and Attachment 10.

6.8.9 SBC MISSOURI will provide switch interfaces to adjuncts in the same manner it provides them to itself. CLEC requests for use of SBC MISSOURI adjuncts will be handled through the BFR process.

6.8.10 SBC MISSOURI will provide Usage Data and trouble history regarding a customer line, upon CLEC's request as provided in Attachment: 8 and Attachment: 10.

6.8.1 SBC MISSOURI will allow CLEC to designate the features and functions that are activated on a particular unbundled switch port to the extent such features and functions are available or as may be requested by the

BFR process. When CLEC purchases ULS, SBC MISSOURI will provide CLEC the vertical features that the switch is equipped to provide.

6.9 Interface Requirements:

6.9.1 Unbundled Local Switching (ULS) Port includes the central office switch hardware and software required to permit the transport or receipt of information over the SBC MISSOURI local switching network or other interconnected networks. The ULS Port provides access to all features, functions and capabilities of the local switch. The ULS Port charge includes the charges for cross connect to the main distribution frame or DSX panel. SBC MISSOURI will provide the following switch ports:

6.9.1.1 Analog Line Port: A line side switch connection available in either a loop or ground start signaling configuration used primarily for switched voice communications including. When CLEC orders a Loop/Switch combination in which the loop is served by IDLC, CLEC will pay the applicable loop charge and an Analog Line Port charge.

6.9.1.2 Analog (DID) Trunk Port: A trunk side switch connection used for voice communications via customer premises equipment primarily provided by a Private Branch Exchange (PBX) switch.

6.9.1.3 DS1 Trunk Port: A digital trunk side switch connection that provides the equivalent of 24 paths used primarily for voice communications via customer premises equipment provided by a PBX switch (4 wire).

6.9.1.4 ISDN Basic Rate Interface (BRI) Port: A line side switch connection which provides ISDN Basic Rate Interface (BRI) based capabilities including centrex-like applications. When CLEC orders a Loop/Switch combination in which the loop is served by IDLC, CLEC will pay the applicable loop charge and a BRI Port charge and all applicable non-recurring charges.

6.9.1.5 When CLEC purchases switch ports, the applicable prices contained on Appendix Pricing UNE - Schedule of Prices will apply In addition, applicable usage sensitive charges are found in Appendix Pricing UNE - Schedule of Prices labeled “Local Switching”. When CLEC uses Tandem Switching, SBC MISSOURI will charge the price shown on Appendix Pricing UNE – Schedule of Prices labeled “Tandem Switching”, subject to the Blended Transport provisions of Section 5.2.2.1.1.1.1 of Appendix Pricing UNE. No port charge applies with Tandem Switching.

6.9.1.6 CLEC may request additional port types from SBC MISSOURI through the BFR process.

7.0 Transition Plan for ULS Unbundled Under Section 251

7.1 The TRO Remand Order provides that CLEC shall have one year from March 11, 2005, to migrate its embedded base of end-user customers off ULS under Section 251 to an alternative arrangement. CLEC shall be permitted to order and SBC shall be obligated to provide ULS as part of UNE-P up to and including January 31, 2006, for (i) additional UNE-P access lines to serve CLEC’s existing customers and (ii) moves and changes in UNE-P access lines to serve CLEC’s existing customers. No orders for additional UNE-P access lines or for moves and changes will be accepted or provisioned by SBC after that date.

7.2 If CLEC migrates its existing customers to UNE loops, CLEC shall begin the migration of its embedded customer base in time to accommodate an orderly process that is consistent with the volumes of UNE-P to UNE loop configurations that SBC reported to the state commission could be accomplished in SBC’s hot cut process.

7.3 If CLEC migrates its existing customers to ULS provided under Section 271, SBC shall develop and ordering process to effect the billing records change necessary to bill CLEC the Commission-approved rate applicable to Section 271 ULS.

8.0 Tandem Switching

8.1 "Tandem Switching" is provided only as required as part of ULS. Please see Appendix Pricing or SBC MISSOURI tariff, as applicable

8.2 Toll Free Calls

When CLEC uses ULS-ST Ports to initiate a 1+800 (or equivalent toll free dialing NPS, e.g. 888, 877 or 866) call, SBC MISSOURI will perform the appropriate database query and route the call to the indicated IXC. CLEC will pay the ULS-ST-O charge and SS7 transport (where applicable) per this Attachment and Appendix Pricing. If any such call is routed to an SBC MISSOURI tandem switch, SBC MISSOURI will also charge Common Transport and Tandem Switching usage charges.

8.3 Operator Services and Directory Assistance - See Attachment 22: DA and Attachment 23: OS for terms and conditions.

9.0 Unbundled Shared Transport

9.1 Definition: Unbundled Shared Transport is defined by the FCC as the transmission facilities shared by more than one carrier, including the incumbent LEC, between end office switches, between end office switches and tandem switches, and between tandem switches in the relevant SBC MISSOURI network. When CLEC is provided Unbundled Local Switching ("ULS"), whether CLEC obtains ULS as an unbundled element under Section 251 or under Section 271, the terms and conditions set forth in this Section 9 shall apply. Unbundled Shared Transport will permit CLEC to use a ULS port and its Local Switching element with Unbundled Shared Transport to transport the local call dialed by the Local Switching ULS element to its destination through the use of SBC MISSOURI's common transport network. Unbundled Shared Transport will also permit CLEC to utilize SBC MISSOURI's common network between a SBC MISSOURI tandem and a SBC MISSOURI end office.

9.2 SBC MISSOURI will be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Unbundled Shared Transport .

9.2.1 When CLEC purchases Unbundled Shared Transport, SBC MISSOURI will charge the price shown on Appendix Pricing UNE - Schedule of Prices labeled "Common Transport, Tandem Switching, or Blended Transport" when such facilities are used on an interoffice call subject to Section 5.2.2.

9.2.2 SBC MISSOURI's obligation and ability to provide Unbundled Shared Transport is limited to existing switch and transmission facilities capacities of the SBC network.

9.2.3 In providing ULS/ULS with Shared Transport SBC MISSOURI will use the existing SBC MISSOURI routing tables contained in SBC MISSOURI switches, as SBC MISSOURI may change those tables from time to time including after CLEC purchases ULS/ULS with Shared Transport.

9.3 In the event SBC MISSOURI is ordered, required, or otherwise allowed to block CLEC's transiting or other traffic originating from or terminating to a ULS with Shared Transport port, provided with or without UST, CLEC and SBC MISSOURI shall negotiate the terms and conditions related to such blocking, including SBC Missouri's recovery of costs for the work performed in establishing such blocking. Any disputes shall be

resolved in accordance with the dispute resolution provisions of the general terms conditions of this agreement.

10.0 Dedicated Transport

10.1 SBC MISSOURI shall provide Unbundled Dedicated Transport under Section 251 and Unbundled Dedicated Transport under Section 271 in accordance with the terms and conditions set out in Sections 10.2 through 10.11 of this Attachment. Dedicated Transport unbundled under Section 251 shall be provided subject to the location limitations and the transition plan set forth in Section 10.10 of this Attachment

10.2 "Dedicated Transport" is defined as SBC MISSOURI interoffice transmission facilities dedicated to a particular CLEC or CLEC's customer that is within SBC MISSOURI's network, connecting SBC MISSOURI switches or wire centers within a LATA. Dedicated Transport does not include transmission facilities between SBC MISSOURI's network and CLEC's network or the location of CLEC's equipment.

10.2.1 As a result of the TRRO's finding of non-impairment for Dedicated Transport entrance facilities, SBC MISSOURI is not obligated to provide CLEC with unbundled access to such facilities pursuant to Section 251. SBC MISSOURI is, however, obligated to provide unbundled access to Dedicated Transport entrance facilities pursuant to Section 271.

10.3 SBC MISSOURI will be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Dedicated Transport circuits and associated multiplexing or other optional features ordered by CLEC

10.4 Subject to the caps set forth in Sections 10.10.1 and 10.10.2, Unbundled Dedicated Transport will be provided only where such facilities exist at the time of CLEC request, and only over routes where UNE Dedicated Transport has not been Declassified. SBC MISSOURI will provide UNE Dedicated Transport only at the following digital signal speeds: DS1 (1.544 Mbps) and DS3 (44.736 Mbps).

10.5 Other optional features available to CLEC with unbundled Dedicated Transport e.g., multiplexing, are available at the rates listed in Appendix Pricing

10.6 Access to Unbundled Dedicated Transport will be provided via collocation or via entrance facilities purchased from a third party or from SBC MISSOURI under applicable access tariffs. If CLEC provides the circuit between its premises collocated in SBC MISSOURI central office or wire center and SBC MISSOURI's network, then the cross-connect rates contained in SBC MISSOURI's physical collocation tariff will apply.

10.7 Routine Network Modifications for Dedicated Transport unbundled under Section 251 and Dedicated Transport unbundled under Section 271.

10.7.1 SBC MISSOURI shall make routine network modifications to unbundled Dedicated Transport ("UDT") facilities used by CLEC where the requested UDT facilities have already been constructed. SBC MISSOURI shall perform routine network modifications to UDT facilities in a nondiscriminatory fashion, without regard to whether the UDT facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

10.7.2 A routine network modification is an activity that SBC MISSOURI regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new

multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the installation of new aerial or buried cable for a requesting telecommunications carrier, and SBC MISSOURI is not obligated to perform those activities for CLEC.

10.7.3 SBC MISSOURI shall provide routine network modifications at the rates, terms and conditions set out in this Attachment and in the Appendix Pricing – UNE Schedule of Prices. A rate for any routine network modification shown as "ICB" in Appendix Pricing or the applicable tariff indicates that the Parties have not negotiated, and/or that the State Commission has not reviewed and approved, a specific rate for that routine network modification. The ICB rate shall be determined on an individual case basis and shall reflect an engineering estimate of the actual costs of time and materials required to perform the routine network modification; provided, however, that the ICB rate shall not include any costs already recovered through existing, applicable recurring and non-recurring charges. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates for such routine network modifications or specific rates are otherwise established for such routine network modifications.

10.8 Diversity

10.8.1 When requested by CLEC and where such interoffice facilities exist at the time of CLEC's request and when technically feasible, Dedicated Transport will provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

10.8.2 SBC MISSOURI shall provide in the same manner as SBC MISSOURI does for itself, the physical separation between intra-office and inter-office transmission paths when technically and economically feasible. Physical diversity requested by CLEC shall be subject to additional charges, if any. Where physical diversity does not exist for Dedicated Transport, SBC MISSOURI shall provide such diversity through the BFR process. When additional costs are incurred by SBC MISSOURI for CLEC specific diversity. SBC MISSOURI will advise CLEC of the applicable additional charges. SBC MISSOURI will not process the request for diversity until CLEC accepts such charges. Any applicable performance measures will be abated from the time diversity is requested until CLEC accepts the additional charges.

10.9 Technical Requirements For All Dedicated Transport

This Section sets forth technical requirements for all Dedicated Transport.

10.9.1 When requested by CLEC and where such interoffice facilities exist at the time of CLEC's request and when technically feasible, Dedicated Transport will provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits. If changes in the network remove the physical diversity in the future, SBC MISSOURI will not guarantee that diversity will be made available.

10.9.2 CLEC's additional cost, if any, for requested dedicated transport diversity shall be as determined in a cost proceeding via a BFR. Where physical diversity does not exist for dedicated transport, SBC MISSOURI shall provide such diversity through the BFR process.

10.10 Limitations on Access to DS1 and DS3 Dedicated Transport unbundled under Section 251 Limitations on Access to UNE DS1 and DS3 Dedicated Transport.

10.10.1 SBC will provide DS1 Dedicated Transport unbundled under Section 251 on all routes between SBC wire centers that are classified as Tier 2 and Tier 3 on one or both ends of the route. (The classification criteria for SBC wire centers is set forth in Section 5.3.3 of this Attachment.) CLEC may obtain a maximum of 10 DS1 Dedicated Transport circuits on each route for which SBC is required to provide only DS1 Dedicated Transport under Section 251. (The maximum of 10 DS1 Dedicated Transport circuits will not apply on any route where an SBC wire center classified as Tier 3 is on one or both ends.)

10.10.2 SBC will provide DS3 Dedicated Transport unbundled under Section 251 on all routes between SBC wire centers that are classified as Tier 3 on one or both ends of the route. CLEC may obtain a maximum of 12 unbundled DS3 Dedicated Transport circuits on each route for which SBC is required to provide DS3 Dedicated Transport under Section 251.

10.10.3 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE Dedicated Transport circuit satisfies the availability criteria set forth in Sections 10.10.1 and 10.10.2 above prior to submitting its order to SBC. CLEC shall self-certify that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Sections 10.10.1 or 10.10.2, as applicable, to the particular UNE(s) sought. If CLEC's self-certification complies with this Section, SBC shall provision the requested DS1 or DS3 transport circuit in accordance with CLEC's order and within SBC's standard ordering interval applicable to such circuits. SBC shall have the right to contest such orders, and CLEC's ability to obtain a requested DS1 or DS3 UNE Dedicated Transport only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute to both Parties' satisfaction within 30 days of SBC's written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned DS1 or DS3 UNE Dedicated Transport, the rates paid by CLEC for the affected Transport shall be subject to true-up and CLEC shall be required to transition from the UNE DS1 or DS3 Transport to an alternative service/facility within 30 days of such determination. If CLEC does not transition the Transport within the 30 day period, then SBC MISSOURI, without further notice or liability, may disconnect the Transport.

10.10.4 SBC shall have the right to contest CLEC's ability to obtain a requested DS1 or DS3 transport circuit only after provisioning. Disputes regarding CLEC's access to DS1 and DS3 transport circuits provided under Section 251 shall be addressed through the dispute resolution process set out in this Agreement. If the Parties determine through informal dispute resolution or if formal dispute resolution through arbitration at the state Commission or otherwise determines that CLEC was not entitled to the provisioned DS1 or DS3 transport circuit under Section 251, the rates paid by CLEC for the affected loop shall be subject to true-up and CLEC shall be required to transition from the Section 251 UNE DS1 or DS3 transport circuit to another wholesale service within 45 days of the determination. If CLEC does not transition the transport circuit within the 45-day period, then SBC MISSOURI may disconnect the transport circuit. Conversion of DS1 and DS3 transport circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service.

10.10.5 The Parties agree that activity by SBC under this Section 10.10 shall not be subject to the Network Disclosure Rules.

10.11 Embedded Base Transition See "Embedded Base Rider"

10.11.1 For any DS1 and DS3 Dedicated Transport that CLEC had in place as of March 11, 2005, and which SBC no longer is required to provide on an unbundled basis under Section 251, CLEC must transition from those transport circuits to other wholesale facilities, including special access, DS1 and DS3 Dedicated

Transport unbundled under Section 271, transport provided by other carriers, or self-provisioned facilities. SBC MISSOURI will provide written notice to CLEC of the Declassification of specific transport routes. SBC MISSOURI shall continue to provide any existing Section 251 unbundled DS1 and DS3 transport circuits until 3/10/2006. After 3/10/2006, if CLEC has not submitted an LSR or ASR, as applicable, to SBC MISSOURI requesting conversion of the Declassified transport circuit(s) to a Section 271 unbundled network element or other wholesale service, SBC MISSOURI shall convert the Declassified transport circuit(s) to an analogous access service, if available, or if no analogous access service is available, to such other service arrangement as SBC MISSOURI and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and SBC MISSOURI have failed to reach agreement as to a substitute service within such forty-five (45) day period or other period of time for negotiation that the Parties agree to, then CLEC may request a BFR. If CLEC fails to request a BFR within the forty-five (45) day period, then SBC MISSOURI may disconnect the Declassified transport circuit(s). Conversion of dedicated transport circuits shall be performed in a manner that minimizes the disruption or degradation to CLEC's customer's service, and at no charge to CLEC.

10.11.2 Products provided by SBC MISSOURI in conjunction with DS1 and DS3 Unbundled Dedicated Transport (e.g. Cross-Connects) shall also be subject to re-pricing under this Section 10.6 where UDT is Declassified. Cross-Connects obtained under SBC MISSOURI's physical collocation tariff shall not be repriced to access rates.

11.0 Digital Cross-Connect System (DCS)

11.1.1 SBC MISSOURI 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.

12.0 Line Information Database (LIDB)

12.1 Access to the SBC MISSOURI 911 or E911 call related databases will be provided as described in the 911 and E911 Appendix. Access to LIDB, CNAM-AS, LIDB and CNAM Queries, 800 or Access to AIN databases shall be available to CLEC as an accompaniment to Unbundled Local Switching that is provided by SBC pursuant to Section 251 or Section 271 in accordance with the terms and conditions set out in Sections 12, 13 and 14 of this Attachment. Definition: The Line Information Data Base (LIDB) is a transaction-oriented database that functions as a centralized repository for data storage and retrieval. LIDB is accessible through Common Channel Signaling (CCS) networks. It contains records associated with customer 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. LIDB queries include, but are not limited to, functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls, validation of Telephone Line Number based calling cards, Calling Name Information, and screening originating calls for allowed billing and call processing requests. The interface for the LIDB functionality is SBC MISSOURI's regional STP. LIDB also interfaces with a service management system as defined below.

12.1.1 SBC MISSOURI will provide CLEC with per-Query access to SBC MISSOURI' LIDB under this Attachment 6 when CLEC originates Queries directly from/by SBC MISSOURI's Unbundled Local Switching provided to CLEC under Section 251(c)(3) or under Section 271 of the Act, or SBC MISSOURI's Service Platform that supports CLEC's use of such UNE. Any other Query access to SBC MISSOURI's LIDB will be pursuant to effective switched access tariffs (as may be modified from time to time) and where no such tariff exists, another agreement for LIDB Queries pursuant to the terms, conditions, and prices of another agreement, including effective switched access tariffs.

12.1.2 Account Owner means telecommunications companies that administer their own validation data in a party's LIDB or LIDB-like database.

12.1.3 Administer or Administration – For the purpose of this Attachment, the ability of an Account Owner to create, modify, update, or delete its Line Record information in LIDB through interfaces agreed to between the Parties.

12.1.4 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.

12.1.5 Assignment Authority means a nine-to-thirty-digit code-set that identifies an authorization hierarchy (also known as an object identifier). The format of the nine-digit code set is A-B-CCCC-DDD where "A" represents an international standards body, "B" represents a national standards body, "CCCC" represents a network operator, and "DDD" represents a local assignment. For code-sets from ten to thirty digits, the "DDD" section of the code is expanded to include the extra digits. An Assignment Authority plus a Custom ID comprises the unique identifier of a LIDB Custom Data Element.

12.1.6 Billed Number Screening (BNS) means a validation of toll billing exception (TBE) data.

12.1.7 Calling Card Service (CCD) means a service that enables a calling customer to bill a telephone call to a calling card number with or without the help of an operator.

12.1.8 Calling Name Database means a Party's database containing current Calling Name information of all working lines served or administered by that Party, including the Calling Name information of any telecommunications company participating in that Party's Calling Name Database. For purposes of this Agreement, SBC MISSOURI's CNAM Database is the LIDB.

12.1.9 Calling Name Deliver Service (CDNS) enables the terminating end user to identify the calling party by a displayed name before the call is answered. The calling party's name is retrieved from an SCP database and delivered to the end user's premises between the first and second ring for display on compatible customer premises equipment (CPE).

12.1.10 Calling Name Information means telecommunications companies records of all of their subscribers' names associated with one or more assigned ten-digit telephone numbers.

12.1.11 CNAM Query is the LIDB Query that allows CLEC to retrieve CNAM Information from SBC MISSOURI's LIDB. SBC MISSOURI will provide CLEC with CNAM Query access to LIDB in support of CLEC's use of SBC MISSOURI's UNE Local Switch ports.

12.1.12 Common Channel Signaling (CCS) Network means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. LIDB Query and Response messages are transported across the CCS network.

12.1.13 Complete Screen – Means the Query-originator was denied access to all of the information it requested in the Query.

12.1.14 Custom Data Element means a Data Element that applies to a specific LIDB or to a specific Account Owner on a specific LIDB. Custom Data Elements do not have a Transaction Capabilities Application Part (TCAP) ID. Instead, they have a unique combination of Assignment Authority and Custom ID. Custom

Data Elements are not defined by Telcordia Technologies' Generic Requirements. Validation, Originating Line Number Screening (OLNS) and CNAM Queries cannot retrieve Custom Data Elements.

12.1.15 Custom ID – A two- to five-digit code-set assigned by a LIDB owner to each Custom Data Element stored in a LIDB. A Custom ID plus an Assignment Authority comprise the unique identifier of a LIDB Custom Data Element.

12.1.16 Data Base Administration Center (DBAC) means an SBC Missouri location where facility and administrative personnel are located for administering LIDB and/or the Fraud Monitoring Platform.

12.1.17 Data Element – Is a Line Record informational component that has a unique identifier. Data Elements are identified either as Custom Data Elements or Standard Data Elements depending on the type of unique identifier.

12.1.18 Data Screening or LIDB Data Screening – A security capability administered by a LIDB owner that gives LIDB the ability to allow, deny, or limit the information returned to a Query-originator.

12.1.19 ENUM means a protocol developed in the Internet Engineering Task Force (IETF) Request for Comment (RFC) 2916 for fetching (searching and retrieving) Universal Resource Identifiers (URIs) given an International Telecommunications Union (ITU) E.164 number. ENUM translates an E.164 domestic or international telephone number into a series of Internet addresses or URIs.

12.1.20 ENUM Registrant means the assignee of an E.164 number who has chosen to subscribe to ENUM service. An example of an ENUM Registrant would be an End User who has registered his or her 10-digit telephone number with an ENUM Registrar.

12.1.21 ENUM Registrar means a person or entity that, via contract with assignees of E.164 numbers and an ENUM Tier-1 Registry and/or an ENUM Tier –2 provider, provides registration services to ENUM Registrants.

12.1.22 ENUM Tier-0 Registry means a person(s) or entity(ies) responsible for providing ENUM Tier-0 Registry services; Enum Tier-0 Registry services include management of pointers to ENUM Tier-1 Registry name services.

12.1.23 ENUM Tier-1 Registry means a person(s) or entity(ies) responsible for providing ENUM Tier-1 Registry services; ENUM Tier-1 Registry services include management of pointers to ENUM Tier-2 Provider name services.

12.1.24 ENUM Tier-2 Provider means a person(s) or entities(s) that provide management of the ENUM name for an E.164 number and acts as the ENUM Registrant's Naming Authority Pointer (NAPTR) records hosting company.

12.1.25 ENUM Service Provider means a collective term to refer to either individually or collectively, an ENUM Registrar, an ENUM Tier-0 Registry, an ENUM Tier-1 Registry, and/or ENUM Tier 2 Provider.

12.1.26 Fraud Monitoring Platform – An off-line administration system that used to monitor suspected occurrences of ABS-related fraud through a systematic pattern analysis of query message data to identify potential incidences of fraud that may require investigation. Detection parameters are based upon vendor recommendations and SBC MISSOURI's analysis of collected data and are subject to change from time to time.

12.1.27 Group – For the purpose of this Attachment, a specific NPA-NXX and/or NPA-RAO combination.

12.1.28 Group Record - Information in LIDB or LVAS that is common to all lines or billing records in an NPA-NXX or NPA-RAO.

12.1.29 Level 1 Data Screening – A security capability administered by a LIDB owner that gives LIDB the ability to allow, deny, or limit the information it returns to a Query-originator on a per Data Element, per Query-type, and per LIDB basis.

12.1.30 Level 2 Data Screening – A security capability that is Administered by a LIDB owner at the direction or request of an Account Owner or Query Originator. This capability gives LIDB the ability to allow, deny, or limit the information it returns.

12.1.31 LIDB Data Screening (or Data Screening) means a security capability administered by a LIDB owner that gives the LIDB the ability to allow, deny, or limit the information returned to a Query-originator.

12.1.32 LIDB Editor means a database editor located at the SCP where LIDB resides, LIDB Editor provides emergency access to LIDB that bypasses the service management system for LIDB.

12.1.33 Line Record means information in LIDB that is specific to a single telephone number or special billing number.

12.1.34 Originating Line Number Screening (OLNS) means a specific LIDB Query-type that requests the originating call processing, billing, and service profile of a LIDB Line Record.

12.1.35 Originating Point Code (OPC) means a 9-digit code that identifies the Service Platform that originated a Query and to which a Response is returned.

12.1.36 Partial Screen – Means that the Query-originator, as identified in the appropriate layer of the query/message, is denied access to some of the information it requested in the Query.

12.1.37 Personal Identification Number (PIN) means a confidential four-digit code number provided to a calling card customer to prevent unauthorized use of his/her calling card number. LIDB and/or the LIDB administrative system can store a PIN for those Line Records that have an associated calling card.

12.1.38 Query – Is a message that represents a request to a Database for information.

12.1.39 Response – Is a message that, when appropriately interpreted, represents an answer to a Query.

12.1.40 Service Management System (SMS) – An off-line system used to access, create, modify, or update information in LIDB.

12.1.41 Service Platform – A physical platform that generates Database Queries and is identified by an Originating Point Code contained in a Query. A Service Platform may be a telephony switch, an SCP, or any other platform capable of correctly formatting and launching LIDB and/or CNAM Queries and receiving the associated Response.

12.1.42 Special Billing Number means line records in LIDB that are based on an NPA-RAO numbering format. NPA-RAO numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-RAO line record is either a zero (0) or a one (1). Special Billing Numbers can only use formats that are completely numeric.

12.1.43 Standard Data Element – A data element in LIDB that has a unique Transaction Capabilities Application Part (TCAP) ID and is defined in Telcordia Technologies' Generic Requirements documentation.

12.1.44 Terminating Point Code means a 9-digit code that identifies the network node that will receive a Query or a Response.

12.1.45 Toll Billing Exception (TBE) Service means a service that allows end users to restrict third number billing or collect calls to their lines.

12.1.46 Validation information means Account Owners' records of all their Calling Card Service and Toll Billing Exception Service.

12.1.47 Validation Query means collectively both Calling Card Query and Billed Number Screening (BNS) Query.

12.2 LIDB General Description

12.2.1 SBC MISSOURI will provide CLEC with query access to LIDB in support of CLEC's use of SBC MISSOURI's UNE Local Switch Ports and unbundled operator services.

12.2.2 SBC MISSOURI's LIDB accepts the following Query-types:

12.2.2.1 Validation Query

12.2.2.2 Originating Line Number Screening (OLNS) Query

12.2.2.3 CNAM Query

12.2.3 The Parties understand that CLEC's queries launched from SBC MISSOURI's switches or other SBC MISSOURI's Service Platforms contain an SBC MISSOURI's Originating Point Code and, therefore, such Queries will identify SBC MISSOURI as the Query originator. The Parties further understand that all SBC UNEs and all interconnecting networks will respond to such Queries as though these Queries are SBC MISSOURI's Queries.

12.2.4 SBC MISSOURI employs certain automatic and/or manual overload controls to protect SBC MISSOURI's CCS/SS7 network. Network management controls found necessary to protect LIDB and/or CNAM Database from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

12.2.5 SBC MISSOURI's LIDB contains a record for every SBC MISSOURI's working line number and Special Billing Number. Other telecommunications companies, including CLEC, may also store their data in SBC MISSOURI's LIDB. SBC MISSOURI will request such telecommunications companies to also provide a record for every working line number and Special Billing Number served by those companies.

12.2.6 SBC MISSOURI's LIDB will provide the following functions on a per query basis: for Validation Queries: validation of a telecommunications calling card account number stored in LIDB; determination of whether the billed line has decided in advance to reject certain calls billed as collect or to a third number; and determination of billed line as a public (including those classified as semi public) or nonworking telephone number.

12.2.7 SBC MISSOURI provides LIDB as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its MISSOURI local service customers where CLEC provides service to such end users from SBC MISSOURI's UNE local switch ports or other SBC Service Platform. Any other use of SBC MISSOURI's LIDB by CLEC will be pursuant to the terms, conditions, rates, and charges of a separate agreement, including effective tariffs, as revised.

12.2.7.1 In the event that CLEC is using SBC MISSOURI's Service Platform, until otherwise agreed, no charge is made for LIDB Queries (e.g. Validation, OLNS, CNAM) other than applicable charges for the Service Platform under Appendix Pricing UNE – Schedule of Prices, unless the Commission determines in a subsequent proceeding that such costs are not recovered.

12.2.8 Telecommunications companies cannot distinguish between queries from CLEC's end users and any other end user (including SBC MISSOURI) that originate from the same switch or same Operator Services Position System (OSPS) platform.

12.2.9 This Attachment does not provide CLEC with LIDB and/or CNAM Query access to any third-party LIDB and/or CNAM Database or third-party network that provides transport to and/or from such third-party database or network.

12.2.10 SBC MISSOURI will provide query access to LIDB from its UNE local switch ports and/or SBC MISSOURI's UNE OS platforms in the same manner that SBC MISSOURI provides to itself from these switches and/or OS platforms.

12.2.11 Account Owners have sole responsibility for the accuracy and completeness of the Line Records they store in SBC MISSOURI's LIDB; accordingly, SBC MISSOURI is not responsible for the accuracy or completeness of such Line Records. CLEC will resolve any disputes regarding data accuracy with the appropriate Account Owner. SBC MISSOURI will provide CLEC with the contact information for an Account Owner with which CLEC may have a dispute.

12.2.12 CLEC understands that LIDB data is the result of routine service order processing and contacts between Account Owners and their End Users. As such, the information in LIDB is dynamic and represents information that is only as accurate as provided by the party storing such data and only as of the time such data is first stored.

12.2.13 CLEC understands that the timing of its LIDB Queries in relation to the services that is provides will have an impact regarding the relative accuracy of the information. For example, CLEC's queries generated at a period in time after service provisioning occurs may not retrieve the same information as would have been available had CLEC Queried LIDB at the time CLEC's service provisioning took place.

12.3 Ownership of LIDB Information

12.3.1 CLEC's access to any LIDB information does not create any ownership interest that does not already exist. Telecommunications companies, including CLEC, depositing information in SBC MISSOURI's LIDB may retain full and complete ownership and control over such information.

12.3.2 Upon request from an Account Owner in SBC MISSOURI's LIDB whose data CLEC is accessing, CLEC will identify to such Account Owner, within a reasonable period of time as specified by the Account Owner, the purposes for which CLEC uses such Account Owner's information. CLEC shall provide information with enough specificity that the Account Owner can verify that the purposes are consistent with this Agreement.

12.3.3 CLECs that access LIDB using GetData will provide SBC MISSOURI with a designated contact (name, telephone number, and email address), which SBC MISSOURI can use in referring Account Owner(s) to CLEC.

12.3.4 CLEC acknowledges that an Account Owner's End User information in LIDB may contain Customer Proprietary Network Information or competitively sensitive information. CLEC agrees to use the information.

12.3.5 Unless expressly authorized in writing by parties, LIDB Validation is not to be used for purposes other than validating ABS-related calls. CLEC may use LIDB Validation for such functions only on a call-by-call basis.

12.3.6 Unless expressly authorized in writing by parties, CNAM Query is not to be used for purposes other than support of CNDS. CLEC may use CNAM Service Query for such functions only on a call-by-call basis.

12.3.7 Proprietary information residing in SBC MISSOURI's LIDB is protected from unauthorized access and CLEC may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:

- Billed (Line/Regional Accounting Office (RAO)) Number
- PIN Number(s)
- Billed Number Screening (BNS) indicators
- Class of Service (also referred to as Service or Equipment)
- Reports on LIDB usage
- Information related to billing for LIDB usage
- LIDB usage statistics.

12.3.8 CLEC agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SBC MISSOURI's LIDB.

12.3.9 SBC MISSOURI will share end user information, pertinent to fraud investigation, with CLEC when validation queries for the specific end user reaches SBC MISSOURI's established fraud threshold level. This fraud threshold level will be applied uniformly to all end user information in SBC MISSOURI's LIDB.

12.3.10 Nothing in Sections 12.4.3.1 through 12.4.3.10 is intended to restrict CLEC's use or storage of CLEC data created or acquired independently of SBC MISSOURI's LIDB Validation.

12.4 Usage Forecasts

12.4.1 CLEC shall provide SBC MISSOURI with forecasts of busy hour Query volumes as follows:

12.4.1.1 Prior to SBC MISSOURI initiating service under this Attachment, CLEC shall provide an initial forecast of busy hour Query volumes broken down by Query-type. If, prior to the establishment of a mutually agreeable service effective date in writing, SBC MISSOURI determines that it lacks adequate processing capability to provide the requested Query access, SBC MISSOURI will notify CLEC of SBC MISSOURI's inability to provide the requested service(s) under this Attachment until such time as SBC MISSOURI gains adequate processing capability. SBC MISSOURI will take reasonable commercial efforts to obtain the needed processing capability; however, SBC MISSOURI will have no liability to CLEC pending these efforts while SBC MISSOURI gains such needed processing capacity.

12.4.1.2 The requirements for initial forecast in Paragraph 12.4.1.1 will not apply to services CLEC provides through resale or unbundled local switch ports that were in operation pursuant to an interconnection agreement with SBC MISSOURI that was effective immediately prior to this interconnection agreement.

CLEC will also not have to provide a forecast for each new resale and/or UNE-P and/or commingled loop and switch arrangement customer that is added during the life of this agreement. During the life of this agreement, additional forecasts would only be required for new services available to CLEC's customer base that require new query demand.

12.4.1.3 CLEC shall update its busy hour forecast each year on October 1 upon request by SBC MISSOURI.

12.4.1.4 Subsequent to SBC MISSOURI initiating serviced under this Attachment, CLEC shall provide a new forecast of busy hour Query volumes at least thirty (30) days in advance of any event(s) that is likely to result in a significant change in CLEC's forecasted usage. Such events may include, but are not limited to, deployment of new service offerings, deployment of additional Service Platforms, and access to new Data Elements.

12.4.5.6 In addition to, and without qualifying any other limitation provision contained in this Agreement, if CLEC does not provide SBC MISSOURI with reliable information as set forth in this Section 12 of this Attachment, SBC MISSOURI shall not be liable for any service degradation that may occur, including without limitation, loss of service.

12.5 CNAM Query

12.5.1 The parties acknowledge that each Calling Name database limits the Calling Name information length to fifteen (15) characters. As a result, the Calling Name information provided in a response to a Query may not reflect a subscriber's full name. Name records of residential local telephone subscribers will generally be stored in the form of last name followed by first name (separated by a comma or space) to a maximum of fifteen (15) characters. Name records of business local telephone subscribers will generally be stored in the form of the first fifteen (15) characters of the listed business name that in some cases may include abbreviations. The Parties also acknowledge that certain local telephone service subscribers may require their name information to be restricted, altered, or rendered unavailable.

12.5.2 The Parties acknowledge that certain federal and/or state regulations require that local exchange telephone companies make available to their subscribers the ability to block the delivery of their telephone number and/or name information to the terminating telephone when the subscriber originates a telephone call. This blocking can either be on a call-by-call basis or on an every call basis. Similarly, a party utilizing blocking services can unblock on a call-by-call or every call basis. CLEC will abide by information received in SS7 protocol during call set-up that the calling telephone service subscriber wishes to block or unblock the delivery of telephone number and/or name information to a CNDS subscriber. CLEC agrees not to attempt to obtain the caller's name information by originating a query to SBC MISSOURI's Calling Name database where the subscriber had attempted to block such information, nor will CLEC block information a subscriber has attempted to unblock.

12.6 LIDB Storage and Administration

12.6.1 SBC MISSOURI's LIDB is connected directly to a Service Management System (i.e., SMS), and a database editor (i.e., LIDB Editor) that provides SBC MISSOURI with the capability of creating, modifying, changing, or deleting, Line Records in LIDB. SBC MISSOURI's LIDB is also connected directly to an adjunct fraud monitoring system.

12.6.2 From time-to-time, SBC MISSOURI enhances its LIDB to create new services and/or LIDB capabilities. Such enhancements may involve the creation of new line-level or group-level data elements in LIDB. SBC MISSOURI will coordinate with CLEC to provide CLEC with the opportunity to update its data concurrent with SBC MISSOURI's updates of SBC MISSOURI's own data. Both parties understand and agree that

some LIDB enhancements will require CLEC to update its line/billing records with new or different information.

12.6.3 Administration of the SCP on which LIDB resides, as well as any system or query processing logic that applies to all data resident on SBC MISSOURI's LIDB is, and remains, the responsibility of SBC MISSOURI. CLEC understands and agrees that SBC MISSOURI, in its role as system administrator, may need to access any record in LIDB, including any such records of CLEC. SBC MISSOURI will limit such access to those actions necessary to ensure the successful operation and administration of SBC MISSOURI's SCP and LIDB.

12.6.4 SBC MISSOURI will accept CLEC requests for verification of its Level 2 Data Screening requests only from CLEC's authorized source, as identified through passwords or other authorization process(es) designed by SBC MISSOURI which the Parties agree SBC MISSOURI may change from time to time.

12.6.5 On behalf of third parties who query LIDB for CLEC data and receive a response verifying the end user's willingness to accept the charges for the underlying call, CLEC at its election either will bill the appropriate charges to end users or will provide all necessary billing information needed by the third party to bill for the services provided.

12.6.6 Upon receipt of the Line Record from CLEC, SBC MISSOURI will provide the functionality needed to perform the all LIDB and/or CNAM Query Response functions, on a call-by-call basis, for the line records residing in SBC MISSOURI's LIDB.

12.6.7 To the extent that CLEC stores its own LIDB and/or CNAM information in a database other than SBC MISSOURI's, such information will be made available to SBC MISSOURI through an industry standard technical interface and on terms and conditions set forth by tariff or by a separate agreement between SBC MISSOURI and the database provider. SBC MISSOURI agrees to negotiate in good faith to reach such an agreement. If SBC MISSOURI is unable or chooses not to enter into an agreement with a database provider, CLEC acknowledges that such CLEC LIDB information will be unavailable to any customer including CLEC served by SBC MISSOURI's unbundled local switch ports, SBC MISSOURI's OS platforms, or other SBC MISSOURI's Service Platforms.

12.6.8 CLEC understands and agrees that SBC MISSOURI is the sole determinant and negotiating party for any access to SBC MISSOURI's LIDB. CLEC does not gain any ability, by virtue of this Attachment, to determine which telecommunications companies are allowed to access information in SBC MISSOURI's LIDB. CLEC understands and agrees that when SBC MISSOURI allows a query originator to access SBC MISSOURI data in SBC MISSOURI's LIDB, such query originators will also have access to CLEC's data that is also stored in SBC MISSOURI's LIDB unless CLEC has otherwise invoked LIDB Level 2 Data Screening.

12.7 Service Management System (SMS)

12.7.1 SBC Missouri's Service Management System (SMS) provides CLECs that use SBC MISSOURI's unbundled local switch ports with the capability to access, create, modify, update, or delete information in LIDB. The SMS has two electronic interfaces. These interfaces are the Service Order Entry Interface and the Interactive Interface. Unbundled electronic interfaces are optional for CLECs that provide service through an SBC MISSOURI's unbundled local switch port.

12.7.2 CLEC cannot use any of the electronic interfaces to access any Line Record CLEC might have in SBC MISSOURI's LIDB that are Administered by a company other than CLEC or that CLEC Administers through the Local Service Request (LSR) Process. Use of the unbundled electronic interfaces and the Local Service Request are mutually exclusive and they may not be used in conjunction with each other.

12.7.3 If not claimed by CLEC, a LIDB record may be considered abandoned by SBC MISSOURI and deleted from the LIDB database as set forth following:

12.7.3.1 CLEC will identify through a registration form or ballot that SBC MISSOURI will make available to CLEC, how CLEC's Line Records will be created, transferred, or Administered. CLEC will make such identification prior to providing service to End Users.

12.7.3.2 If conversion activity results in SBC MISSOURI transferring a LIDB record to CLEC without changes to End User information, SBC MISSOURI will identify such records by setting the record status indicator of the LIDB record to transitional value. CLEC must confirm that it provides the same services to the End User as did the previous local service provider by changing the record status indicator back to a value of stable. If CLEC does not make its confirmation within seven (7) days of the transfer. SBC MISSOURI will convert all billing indicators of said LIDB record to a denial value. If such LIDB Record continues to remain in transitional status, SBC MISSOURI will consider the LIDB Record abandoned by CLEC and delete such LIDB Record on the twenty-first (21) day after the record's creation. For purpose of calculating the seventh and the twenty-first day, SBC MISSOURI will count the day of the record's creation as zero (0). SBC MISSOURI's ability to delete such LIDB Record does not relieve CLEC of its responsibility to Administer its records accurately and in a timely manner.

12.7.3.3 If CLEC transfers LIDB Line Records without changes to End User data, SBC MISSOURI will transfer all pre-existing End User information, including calling card information, to CLEC's ownership. However, such transfers will result in changes to CLEC's information such as the Account Owner, RAO, and Billing Service Provider fields. Such changes will be based upon the information CLEC entered onto its LSR or based upon default information created from a lack of CLEC's entry of such information on its LSR.

12.7.3.4 When conversion activity results in SBC MISSOURI transferring a LIDB record to CLEC with changes in End User information, SBC MISSOURI will change every data element in the LIDB record as part of the transfer of ownership. SBC MISSOURI will change all Data Elements on the LIDB record based on the information CLEC entered onto its LSR or based upon default information created from a lack of CLEC's entry of such information on its LSR. SBC MISSOURI will not mark such records, as transitional and such records will not be considered abandoned by SBC MISSOURI.

12.7.4 Electronic Interfaces are the sole means through which CLEC can directly administer its Line Records in SBC MISSOURI's LIDB.

12.7.5 CLEC will Administer its data in SBC MISSOURI's LIDB in such a manner that the accuracy of response information and consistency of available data contained with the LIDB are not adversely impacted. CLEC's Administrative responsibility includes, but is not limited to:

12.7.5.1 Populating all Standard Data Elements defined for SBC MISSOURI's LIDB

12.7.5.2 Deleting Line Records from SBC MISSOURI's LIDB when CLEC migrates Line Records from SBC MISSOURI's LIDB to another LIDB or LIDB-like Database unless CLEC otherwise arranges with SBC MISSOURI to have SBC MISSOURI delete such records on CLEC's behalf.

12.7.5.3 Deleting Line Records from SBC MISSOURI's LIDB associated with End Users that disconnect from or otherwise leave CLEC's service.

12.7.5.4 If CLEC resells the service associated with its Line Records to a third party, and those Line Records remain in SBC MISSOURI's LIDB, CLEC will administer those records through the unbundled electronic

interfaces SBC MISSOURI offers in this Attachment 6, so that companies that query SBC MISSOURI's LIDB will receive correct and current information regarding the reseller's identity and the services the reseller provides to its subscribers.

12.7.6 CLEC will use either the LSR Process or an unbundled electronic interface(s) for all accounts that use the same NECA, Inc. company code.

12.7.7 If CLEC begins providing local services before CLEC completes and returns to SBC MISSOURI its LSR Process registration form (i.e., LIDB Ballot), SBC MISSOURI will treat CLEC's LSRs as it CLEC has elected to Administer all activity on its Line Records directly through an unbundled electronic interface.

12.7.8 SBC MISSOURI will provide the capability needed to perform query/response functions on a call-by-call basis for CLEC's Line Records residing in an SBC MISSOURI's LIDB.

12.7.9 With respect to all matters covered by this Attachment, each Party shall adopt and comply with SBC MISSOURI's standard operating methods and procedures and shall observe the rules and regulations that cover the Administration of the LIDB SMS and the fraud monitoring system, as set forth in SBC MISSOURI's practices. The Parties acknowledge that SBC MISSOURI may change those practices from time to time.

12.7.10 Administration of the SCP on which LIDB resides, as well as any system or Query processing logic that applies to all data resident on an SBC MISSOURI's LIDB is the responsibility of SBC MISSOURI. CLEC acknowledges and agrees that SBC MISSOURI, in its role as system administrator, may need to access any record in LIDB, including any such records administered by CLEC. SBC MISSOURI will limit such access to those actions necessary, in its reasonable judgment, to ensure the successful operation and Administration of SBC MISSOURI's SCP and LIDB.

12.7.11 If CLEC creates its Line Records directly through unbundled electronic interfaces, CLEC will not have to provide on its LSR its end-user marketing and/or service information for the purpose of Administering LIDB Information on new connect and conversion activity LSRs. CLEC will also not have to provide its End User marketing and/or service information for the purpose of Administering LIDB Information on an LSR if CLEC will perform ongoing Administration of its Line Records directly through unbundled electronic interfaces.

12.8 Forecasts

12.8.1 CLEC will furnish, prior to the initial load of CLEC's data, and as requested by SBC MISSOURI thereafter, the following forecast data:

12.8.1.1 The number of working lines per Group Record;

12.8.1.2 The number of working line numbers to be established;

12.8.1.3 The average number of monthly changes to these records;

12.8.1.4 The number of busy hour queries, by query type; and

12.8.1.5 The number of annual queries by query type.

12.8.2 CLEC will furnish, prior to any development it will undertake to create any Custom Data Element, the following forecast information:

12.8.2.1 The size of the Data Element in terms of bytes;

12.8.2.2 The frequency of updates on a per-Custom Data Element Basis;

12.8.2.3 The number of Line Records to which the Custom Data Element will apply; and

12.8.2.4 The number of monthly busy hour queries that will request the new Custom Data Element(s).

12.8.2.5 If SBC MISSOURI, at its sole discretion, determines that it lacks adequate storage or processing capability, prior to the initial loading of CLEC information. SBC MISSOURI will notify CLEC of SBC MISSOURI's inability to provide the Custom Data Element until such time as SBC MISSOURI gains adequate SMS and/or LIDB data storage and Administration and/or processing capability. CLEC will request such additional data storage and Administration and/or processing capability through the Bona Fide Request (BFR) process and SBC MISSOURI will have no liability to CLEC while SBC MISSOURI gains such needed data storage and administration and/or processing capability.

12.8.2.6 CLEC may submit updated or changed forecasts due to unforeseen events at any time and SBC MISSOURI encourages CLEC to submit such forecasts as soon as practical. SBC MISSOURI may request revised forecasts, but no more frequently than every six (6) months and then only if SBC MISSOURI has reason to believe there may be significant error in CLEC's latest forecast.

12.9 Administrative Interfaces

12.9.1 Service Order Entry Interface

12.9.1.1 The Service Order Entry Interface provides CLEC with unbundled access to SBC MISSOURI's SMS hat is equivalent to SBC MISSOURI's own service order entry process. Service Order Entry Interface allows CLEC to electronically transmit properly formatted records from CLEC's service order process or other data source into the LIDB SMS.

12.9.1.2 CLEC's access to the Service Order Entry Interface will be through a remote access facility (RAF). The RAF will provide SBC MISSOURI with a security gateway for CLEC access to the Service Order Entry Interface. The RAF will verify the validity of CLEC's transmissions and limit CLEC's access to SBC MISSOURI's Service Order Entry Interface to the LIDB SMS. CLEC's access to LIDB SMS through the RAF does not provide CLEC with access to any other SMS, interface, database, or operations support system through this Attachment.

12.9.1.3 SBC MISSOURI will provide CLEC with the file transfer protocol specifications CLEC will use to Administer CLEC's data over the Service Order Entry Interface. CLEC acknowledges that transmission in such specified protocol is necessary for SBC MISSOURI to provide CLEC with Data Base Administration and Storage.

12.9.1.4 CLEC can choose the Service Order Entry Interface as its only interface to the LIDB SMS or CLEC can choose to use this interface in conjunction with the Interactive Interface that SBC MISSOURI provides under this Attachment. If CLEC chooses to use only the Service Order Entry Interface, CLEC will not have access to any data Administration capabilities available to the Interactive Interface (e.g., the ability to view Line Records in the LIDB SMS).

12.9.1.5 CLEC's access to SBC MISSOURI's LIDB SMS through the Service Order Entry Interface is only for its subscriber's Line Records that are not administered through the LSR Process.

12.9.1.6 SBC MISSOURI will provide CLEC with SBC MISSOURI-specific documentation for properly formatting the records CLEC will transmit over the Service Order Entry Interface.

12.9.1.7 CLEC understands that its record access through the Service Order Entry Interface will be limited to its own Line Records.

12.10 Interactive Interface

12.10.1 The Interactive Interface provides CLEC with unbundled access to SBC MISSOURI' LIDB SMS that is equivalent to SBC MISSOURI's access at its LIDB Database Administration Center (DBAC). Interactive Interface provides CLEC with the ability to have its own personnel access CLEC's records via an application screen that is presented on a computer monitor. Once CLEC has accessed one of its Line Records, CLEC can perform all of the data Administration tasks SBC MISSOURI's LIDB DBAC personnel can perform on SBC MISSOURI's own Line Records.

12.10.2 SBC MISSOURI will provide CLEC with Interactive Interface through a modem. CLEC's access to the Interactive Interface will be through a remote access facility (RAF). The RAF will provide a security gateway for CLEC's access to the Interactive Interface. The RAF will verify the validity of CLEC's transmissions and limit CLEC's access to the Interactive Interface and the LIDB SMS. CLEC does not gain access to any other interface, database, operations support system, or other SMS through this Attachment. CLEC understands that its record access through the Interactive Interface will be limited to its own Line Records.

12.10.3 CLEC will use hardware and software that is compatible with SMS hardware and software.

12.10.4 CLEC can choose to request the Interactive Interface as its only interface to LIDB SMS or CLEC can choose to use this interface in conjunction with the Service Order Entry Interface that SBC MISSOURI provides under this Attachment. If CLEC chooses to use only the Interactive Interface, CLEC will not have access to any Data Administration capabilities available to the Service Order Entry (e.g., the ability to transmit batch updates)

12.10.5 CLEC's access to the LIDB SMS through the Interactive Interface will be limited to CLEC's subscriber's Line Records that are not Administered through an LSR Process.

12.10.6 LSR Process

12.10.6.1 The LSR Process allows CLEC to create and Administer CLEC's data through a bundled SBC MISSOURI's service order flow. The LSR Process is only available to CLEC when CLEC is providing service to End Users using SBC MISSOURI's unbundled local switch ports.

12.10.6.2 The LSR Process is not an interface to the LIDB SMS. CLEC can obtain access to SBC MISSOURI's LIDB SMS only through the electronic unbundled interfaces SBC MISSOURI offers in this Attachment 6.

12.10.6.3 CLEC will not have direct access to any of its Line Records in the LIDB SMS that CLEC Administers through the LSR Process.

12.10.6.4 CLEC will provide complete information in its LSR to SBC MISSOURI so that the LSR Process can populate CLEC's Line Record completely, accurately, and in a timely manner. If CLEC's LSR does not contain information needed to populate a Standard Data Element in LIDB, SBC MISSOURI will populate such Data Element with SBC MISSOURI'-defined default information. Such default derivation will apply to all CLECs using the LSR Process that also omit such Standard Data Elements(s). Use of default information does not

relieve CLEC of its responsibility for providing SBC MISSOURI with complete and accurate information. In the event SBC MISSOURI populates CLEC's Line Records with default information under this paragraph, SBC MISSOURI will not be responsible for any claims or damages resulting from the use of such default information, except in the event of SBC MISSOURI's gross negligence or willful misconduct.

12.10.6.5 CLEC will provide to SBC MISSOURI, during the development process to create and Administer CLEC's Custom Data element(s) what actions the LDIB SMS will take if CLEC omits Custom Data Element information from its LSR.

12.10.6.6 If CLEC will identify whether its ongoing Administration of its Line Records will be done by CLEC through an unbundled electronic interface or through the LSR Process.

12.11 Data Migration Interface

12.11.1 The Data Migration Interface provides CLEC the ability to migrate its entire data store from SBC MISSOURI to another LIDB and/or CNAM Database provider.

12.11.2 Data Migration Interface is available when CLEC converts from SBC unbundled local switch ports to non-SBC MISSOURI switches and CLEC desires to migrate its data to a different LIDB provider.

12.11.3 When CLEC is migrating its Line Record Information to another LIDB and/or CNAM Database provider, CLEC will coordinate its move with the new Database provider.

12.11.4 CLEC will coordinate a meeting between its new Database provider and SBC MISSOURI's LIDB system administrators to establish all dates for the exchange of Line Record Information. CLEC is responsible for initiating all updates to network routing information such as the Calling Name Access Routing Guide (CNARG), LIDB Access Routing Guide (LARG), and Number Portability Administration Center (NPAC).

12.11.5 CLEC will use its data Administration interface (i.e., unbundled electronic interface or LSR Process) to delete all Line Records from SBC MISSOURI's LIDB and/or CNAM Database according to the schedule established by its new Database provider. Alternatively, CLEC may request SBC MISSOURI to delete its records, however, such request must be made in writing and may require CLEC to provide a complete list of all telephone numbers to be deleted.

12.11.6 CLEC will update its LIDB Ballot to indicate that Line Records associated with conversion activity will result in the deletion of Line Records from SBC MISSOURI's LIDB.

12.11.7 SBC MISSOURI will provide Data Migration information to CLEC's new LIDB and/or CNAM Database provider formatted as set forth in GR-2992-CORE, using a medium agreed to between SBC MISSOURI and CLEC's new LIDB and/or CNAM Database Provider.

12.12 LIDB Editor Interface

12.12.1 LIDB Editor Interface provides CLEC with unbundled access to SBC MISSOURI's LIDB Editor equivalent to SBC MISSOURI's manner of access. LIDB Editor provides CLEC with emergency access to LIDB only when the LIDB SMS is unable to access LIDB or is otherwise inoperable.

12.12.2 LIDB Editor Interface is not an interface to LIDB SMS. LIDB Editor is an SCP tool accessible only by authorized SBC MISSOURI's employees. CLEC will have access to SBC MISSOURI's employees authorized to access LIDB Editor during the same times and under the same conditions that SBC MISSOURI has access to LIDB Editor.

12.12.3 CLEC understands that its record access through the LIDB Editor Interface will be limited to its own Line Records.

12.12.4 CLEC will complete all necessary documentation confirming its emergency update requests and submitting such documentation to SBC MISSOURI at the time CLEC makes an update request. CLEC and SBC MISSOURI will use such documentation to resolve any update disputes regarding CLEC's use of the LIDB Editor Interface.

12.12.5 LIDB Editor Interface bypasses LIDB system administration. This bypass results in discrepancies between LIDB SMS data and LIDB data. CLEC will confirm all LIDB Editor Interface updates over the interface CLEC uses to Administer its Line Records (e.g., unbundled electronic interface or LSR Process), once SMS update capability is restored. CLEC understands that if it does not confirm such updates, its updates might become reversed during the audit process.

12.13 Audits

SBC MISSOURI will provide CLEC with audit functionality as described immediately below.

12.13.1 LIDB Audit

12.13.1.1 This audit is between the LIDB SMS and LIDB. This audit verifies that LIDB SMS records match LIDB records. The LIDB Audit is against all Line Record and Group Record information in LIDB SMS and LIDB, regardless of Account Ownership.

12.13.1.2 SBC MISSOURI will run the LIDB on a daily basis.

12.13.1.3 SBC Missouri will create a "variance file" of all CLEC records that fail the LIDB audit. CLEC can access this file through the Interactive Interface.

12.13.1.4 CLEC will investigate accounts that fail the LIDB audit and correct any discrepancies within fourteen (14) days after the discrepancy is placed in the variance file. CLEC will correct all discrepancies using the LIDB SMS interface(s) CLEC has requested under this Attachment.

12.13.2 Source Audit

12.13.2.1 This audit verifies that an Account Owner's Line Records in the LIDB SMS match the source of the Account Owner's Line Records.

12.13.2.2 For purposes of this audit, the source of CLEC's Line Records Administered through the LSR Process will be SBC MISSOURI's billing system that contains the LIDB data for CLEC.

12.13.2.3 For purposes of this audit, the source of CLEC's Line Records Administered through direct unbundled electronic interfaces shall be CLEC's system or process as identified by CLEC.

12.13.2.4 SBC MISSOURI will provide CLEC with a file containing all of CLEC's Line Records in LIDB SMS that CLEC administers through unbundled electronic interface(s). SBC MISSOURI will deliver such file(s) to CLEC electronically over the Service Order Entry Interface. CLEC will use this file to audit its LIDB accounts against CLEC's source and CLEC will correct any discrepancies within fourteen (14) days from receipt of the audit file. CLEC will correct all discrepancies using the unbundled electronic interface(s) CLEC has requested under this Attachment.

12.13.2.5 SBC MISSOURI will provide CLEC scheduled and nonscheduled billing system audits as set forth following.

12.13.3 Scheduled Audits:

CLEC will request a source audit file of its entire LIDB data store once per year. The Parties will mutually agree upon the dates such audit files will be provided.

12.13.4 Unscheduled Audits:

CLEC can request additional audit files and SBC MISSOURI will work cooperatively.

12.14 Fraud Monitoring

12.14.1 SBC MISSOURI will provide Fraud Monitoring as set forth in the General Terms and Conditions.

12.15 LIDB Data Screening

12.15.1 LIDB Data Screening is a security application that provides CLEC with the capability of allowing, denying, or limiting a Query originator's access to CLEC's data that is stored on SBC MISSOURI's LIDB(s). CLEC can apply such security application on a per-Originating Point Code, per-Query type, per-Data Element, and LIDB Basis.

12.15.2 The ability to allow or limit Query originators to CLEC's data provides CLEC with the ability to use LIDB to create proprietary or custom services such as proprietary calling cards or other services based upon LIDB data.

12.15.3 SBC MISSOURI will not share with CLEC the Level 2 Data Screening decisions of any other Account Owner in LIDB. However, SBC MISSOURI will work cooperatively with CLEC to implement and manage CLEC's own Data Screening needs.

12.15.4 SBC MISSOURI is solely responsible for initiating, modifying, or deactivating Level 1 Data Screening. CLEC is solely responsible for initiating, modifying, or deactivating Level 2 Data Screening.

12.15.5 CLEC understands that requests to allow, deny, or limit a Query originator's access to CLEC's data will apply to the point code associated with the Service Platform that launches the LIDB Query. As such, all entities that Query LIDB through a single Originating Point Code will be affected by CLEC's Level 2 Data Screening decisions regarding such Originating Point Code.

12.15.6 CLEC will use an interface designated by SBC MISSOURI to notify SBC MISSOURI of CLEC's Level 2 Data Screening requests. SBC MISSOURI will accept such blocking requests from CLEC only from CLEC's authorized source, as identified through passwords or other authorization process(es) designated by SBC MISSOURI. CLEC will provide such Level 2 Data Screening requests according to time frames set forth in SBC MISSOURI's operating procedures, which the Parties agree SBC MISSOURI can change from time to time at its sole discretion. SBC MISSOURI shall not be responsible for any claims related to untimely or incorrect blocking requests that are initiated by CLEC.

12.15.7 CLEC will Administer its LIDB Data Screening Requests according to methods and procedures developed by SBC MISSOURI which the Parties agree SBC MISSOURI may change from time to time at its sole

discretion. The Parties will work cooperatively to administer CLEC's Level 2 Data Screening in a timely and efficient manner.

12.15.8 If an entity with appropriate jurisdictional authority determines that SBC MISSOURI cannot offer Level 2 Data Screening, the Parties agree that SBC MISSOURI will not abide by CLEC's requests for such Data Screening and SBC MISSOURI will not have any liability to CLEC for not providing such Data Screening.

12.15.9 If CLEC, or CLEC's affiliate(s) also originate Queries to SBC MISSOURI's LIDB and CLEC and/or CLEC's affiliate(s) has obtained a ruling from a regulatory or judicial entity having appropriate authority, that its Queries cannot be screened from the data of any or all Account Owner(s) in SBC MISSOURI's LIDB, CLEC may not request Level 2 Data Screening to limit or restrict its data to any or all Query originators. If CLEC has already obtained Level 2 Data Screening prior to its or its affiliate(s) obtaining such regulatory or judicial ban, the Parties agree that SBC MISSOURI can remove any prior Level 2 Data Screening requests that CLEC has made in accordance with such jurisdictional or regulatory directive.

12.15.10 CLEC understands that LIDB data Screening is a capability of a LIDB and can apply only to CNAM information which such information is part of a LIDB rather than a stand-alone CNAM Database.

12.15.11 CLEC understands that decisions to limit or deny its data to Query originators might result in denial of service or impairment of service to its End Users when such End Users attempt to use services provided by the Query originator and those services rely on LIDB data.

12.15.12 CLEC is responsible for resolving all disputes regarding its decision to deploy or not deploy Level 2 Data Screening with Query originators. CLEC agrees that, based upon a request from a Query originator, SBC MISSOURI will identify to such Query originator the presence of Level 2 Data Screening.

12.15.13 CLEC understands that SBC may offer a reverse form of LIDB Data Screening to Query originators that allow such originators to limit or deny the data they receive from SBC MISSOURI's LIDB on an Account Owner bases. CLEC further understands that where available, SBC MISSOURI will honor such requests from Query originators.

12.16 Custom Data Elements

12.16.1 The Parties will work together for the creation of Custom Data Elements that are specific to CLEC's Line Records as set forth following:

12.16.1.1 SBC MISSOURI will establish all Assignment Authorities and Custom IDs for all Account Owners for all Custom Data Elements.

12.16.1.2 The Parties will work cooperatively to develop Custom Data Elements in an efficient manner.

12.16.1.3 CLEC will confirm to SBC MISSOURI's SMS administrators that CLEC has established processes or procedures that will maintain the accuracy, consistency, and timeliness of the Custom Data Elements CLEC requests to create. SBC MISSOURI will, upon request, work with CLEC to recommend processes and procedures that may assist CLEC in its efforts. To the extent that any new process or procedure will result in changes to SBC MISSOURI's LIDB, LIDB SMS or LIDB SMS interfaces, including the LSR Process, such changes will be done pursuant to the BFR Process.

12.16.1.4 Requests to create Custom Data Elements that require the addition of hardware and/or software on SBC MISSOURI's LIDB and/or LIDB SMS will be provided pursuant to the BFR Process.

12.16.1.5 CLEC will abide by SBC MISSOURI; methods and procedures for creating Custom Data Elements.

12.16.1.6 CLEC will Administer all Custom Data Elements it creates through the same data administration interface it uses to administer its Standard Data Elements.

12.16.1.7 If CLEC uses the LSR Process to Administer its data and CLEC requests creation of Custom Data Elements, CLEC is responsible for initiating, through Change Management, the needed changes to the LSR and Operations Support Systems that are needed, including audit processes, to support such data administration. All such changes will be made pursuant to the BFR Process.

12.16.1.8 The Parties agree that all Custom Data elements are the proprietary property of the Account Owner associated with the Custom Data Element. CLEC will not ask for, and SBC MISSOURI will not provide, CLEC with a list of other Account Owners' Customer Data Elements.

12.16.1.9 CLEC will not create a Custom Data Element when a Standard Data Element has already been deployed on SBC MISSOURI's LIDB. If CLEC has created a Custom Data Element and a Standard Data Element is subsequently deployed on SBC MISSOURI's LIDB for the same Data Element, CLEC will convert its Custom Data Element to a Standard Data Element. The Parties will work cooperatively to effect such conversion as quickly as possible.

12.17 Technical Requirements

12.17.1 SBC MISSOURI will enable CLEC to store in SBC MISSOURI's LIDB any customer Line Number or Special Billing Number record, whether ported or not, for which the NPA-NXX or NXX-0/1XX Group is supported by that LIDB and to which CLEC provides service through an SBC MISSOURI unbundled local switch port.

12.17.2 For the LIDB unbundled Network Element, the Technical Publication or other written description provided for in Section 2.17.2 will include a description of the data elements required to support LIDB-based query processing.

12.17.3 SBC MISSOURI, and SBC MISSOURI's agents who administer data in SBC MISSOURI's LIDB SMS, will not provide any access to or use of CLEC line-record data in SBC MISSOURI's LIDB SMS by any third party that is not authorized by CLEC in writing.

13.0 Toll Free Number Database

13.1 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 (SSP) functionality and (CCS/SS7) signaling. This Section is separate from the prices, terms, conditions and billing for such related elements, and in no way shall this Section be construed to circumvent the prices, terms, conditions or billing as specified for such related elements. To utilize the Toll Free Calling Database access, CLEC must use SBC unbundled local switching offered under Section 251 or 271 of the Act. When CLEC elects to use its own switch, then access to the Toll Free Calling Database may be is purchased from SBC's Federal Access Tariffs.

13.2 SBC MISSOURI's 800 database receives updates processed from the Service Management System (SMS) National 800 Database. Customer records in the SMS are created or modified by entities known as Responsible Organizations (RespOrg) who obtain access to the SMS via the 800 Service Management System, BOC Tariff F.C.C. No. 1. 800 Service Providers must either become their own RespOrg or use the

services of an established RespOrg. The services of a RespOrg includes creating and updating 800 records in the SMS to download in the 800 database(s). SBC MISSOURI does not, either through a tariff or contract, provide RespOrg service.

13.3 After the 800 customer record is created in the SMS, the SMS downloads the records to the appropriate databases, depending on the area of service chosen by the 800 subscriber. An 800 customer record is created in the SMS for each 800 number to be activated. The SMS initiates all routing changes to update information on a nationwide basis.

13.4 Access to the Toll Free Calling Database allows CLEC to access SBC MISSOURI's 800 database for the purpose of switch query and database response. Access to the Toll Free Calling Database supports the processing of toll free calls (e.g., 800, 877 and 888) where identification of the appropriate carrier (800 Service Provider) to transport the call is dependent upon the full ten digits of the toll free number (e.g., 1+800+NXX+XXXX). Access to the Toll Free Calling Database includes all 800-type dialing plans (i.e., 800, 877 and 888 [and 866, 855, 844, 833, 822, when available]).

13.5 Access to the Toll Free Calling Database provides the carrier identification function required to determine the appropriate routing of an 800 number based on the geographic origination of the call, from a specific or any combination of NPA/NXX, NPA or LATA.

13.6 In addition to the Toll Free Database query, there are three optional Call Routing features available with 800-type service: Designated 10-Digit Translation, Call Validation and Call Handling and Destination. There is no additional charge for the Designated 10-Digit Translation and Call Validation feature beyond the Toll Free Database query charge. When an 800-type call originates from an CLEC switch to the SBC MISSOURI Toll Free Database, CLEC will pay the Toll Free Database query rate for each query received and processed by SBC MISSOURI's database. When applicable, the charge for the Call Handling and Destination feature are per query and in addition to the Toll Free Database query charge, and will also be paid by CLEC. The Toll Free Database charges do not apply when CLEC uses SBC MISSOURI's Unbundled Local Switching. These rates are reflected in Appendix Pricing UNE - Schedule of Prices under the label "Toll-Free Database".

13.6.1 The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and requests delivery of the designated 10-digit number in place of the 800 number, SBC MISSOURI will deliver the designated 10-digit number.

13.6.2 The Call Validation feature limits calls to an 800 number to calls originating only from an 800 Subscriber's customized service area. Calls originating outside the area will be screened and an out of band recording will be returned to the calling party.

13.6.3 The Call Handling and Destination feature allows routing of 800 calls based on one or any combination of the following: time of day, day of week, percent allocation and specific 10 digit ANI.

13.6.4 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 SSP functionality and CCS/SS7 signaling.

13.7 CLEC will address its queries to SBC MISSOURI's database to the alias point code of the STP pair identified by SBC MISSOURI. CLEC's queries will use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. CLEC acknowledges that such

subsystem number and translation type values are necessary for SBC MISSOURI to properly process queries to its 800 database.

13.8 SBC MISSOURI may employ certain automatic and/or manual overload controls to protect SBC MISSOURI's CCS/SS7 network. SBC MISSOURI will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SBC MISSOURI prescribes for itself. Any network management controls found necessary to protect Toll Free Network Element from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

13.9 CLEC will only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. CLEC will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SBC MISSOURI's Toll Free Calling Database. If CLEC acts on behalf of other carriers to access SBC MISSOURI's Toll Free Calling Database, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SBC MISSOURI after a query to SBC MISSOURI's Toll Free Calling Database.

13.10 CLEC will ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers and that the SSP Provider has transmitted the appropriate subsystem number and translation type.

13.11 SBC MISSOURI provides access to the Toll Free Calling Database as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its MISSOURI local service customers where SBC MISSOURI is the incumbent local exchange carrier. CLEC agrees that any other use of SBC MISSOURI's Toll Free Calling Database for the provision of 800 database service by CLEC will be pursuant to the terms, conditions, rates, and charges of SBC's effective tariffs, as revised, for 800 database services.

14.0 AIN Call Related Database

14.1 Definition: The AIN is a Network Architecture that uses distributed intelligence in centralized databases to control call processing and manage network information, rather than performing those functions at every switch.

14.2 SBC MISSOURI will provide CLEC access to the SBC MISSOURI's Service Creation Environment (SCE) to design, create, test and deploy AIN-based features, equivalent to the access it provides to itself, providing that security arrangements can be made. CLEC requests to use the SBC MISSOURI SCE will be subject to request and review procedures to be agreed upon by the Parties.

14.3 When CLEC utilizes SBC MISSOURI's Local Switching network element and requests SBC MISSOURI to provision such network element with a technically feasible AIN trigger, SBC MISSOURI will provide access to the SBC MISSOURI AIN Call Related Database for the purpose of invoking a CLEC developed AIN feature as per previous section.

14.4 When CLEC utilizes its own local switch, SBC MISSOURI will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SBC MISSOURI AIN feature or an CLEC developed AIN feature as per previous section.

14.5 SBC MISSOURI will provide access to its AIN Call Related databases in a nondiscriminatory and competitively neutral manner. Any mediation, static or dynamic, will only provide network reliability, protection, security and network management functions consistent with the access service provided. Any

network management controls found necessary to protect the AIN SCP from an overload condition will be applied based on non-discriminatory guidelines and include, but are not limited to procedures either (1) resident in the SBC MISSOURI STP that serves the appropriate SBC MISSOURI AIN SCP or (2) via manual controls that are initiated from SBC MISSOURI's Network Elements. Such management controls will be applied to the specific problem source, wherever that source is, including SBC MISSOURI, and not to all services unless a problem source cannot be identified.

14.6 As requested by CLEC, SBC MISSOURI will provide specifications and information reasonably necessary for CLEC to utilize SBC MISSOURI SCE where such specifications and documentation are unique to SBC MISSOURI or are available only to SBC MISSOURI from the vendor of its SCP, SCE, and/or service management system. CLEC is responsible for obtaining, at its own expense, all other documentation.

14.7 SBC MISSOURI will take reasonable steps to protect and partition CLEC service logic and data from unauthorized access, execution or other types of compromise, where technically feasible.

14.8 Access to AIN and SCE will be provided to CLEC at rates, terms, and conditions to be negotiated by the Parties.

15.0 Cross-connects

15.1 The cross connect is the media between the SBC MISSOURI distribution frame and a CLEC designated collocated space, UNE Access Method, Subloop Access Method, or other SBC MISSOURI Unbundled Network Elements purchased by CLEC under this Agreement, whether provided by SBC MISSOURI pursuant to Section 251 or 271 of the Act.

15.2 SBC MISSOURI offers a choice of loop cross connects with each unbundled loop type detailed in Appendix Pricing. SBC MISSOURI will charge CLEC the appropriate rate as shown on Appendix Pricing UNE – Schedule of Prices labeled "Loop Cross Connects with Testing" and "Loop Cross Connects without Testing". Cross connects will be made available for loops and combinations of loops and transport with the following testing options, at CLEC's discretion: at both ends of the circuit, at one end of the circuit, or without testing. At CLEC's request, a cross connect with testing may be ordered at one end of an EEL circuit and a cross connect without testing at the other end of that EEL circuit.

15.3 The applicable Loop cross connects shall include, but shall not be limited to, the following:

15.3.1 2-Wire Analog Loop to Collocation
15.3.2 2-Wire Analog Loop to UNE Connection Methods point of access
15.3.3 2-Wire Analog Loop to Collocation (without testing)
15.3.4 4-Wire Analog Loop to Collocation
15.3.5 4-Wire Analog Loop to UNE Connection Methods point of access
15.3.6 4-Wire Analog Loop to Collocation (without testing)
15.3.7 2-Wire Digital Loop to Collocation
15.3.8 2-Wire Digital Loop to UNE Connection Methods point of access
15.3.9 2-Wire Digital Loop to Collocation (without testing)
15.3.10 Intentionally Left Blank
15.3.11 4-Wire Digital Loop to UNE Connection Methods point of access OKL
*15.3.12 4-Wire Digital Loop to Collocation/Mux(without testing)
15.3.13 DSL Shielded Cross Connect to Collocation
15.3.14 2-Wire DSL non-shielded cross connect to Collocation
15.3.15 4-Wire DSL non-shielded cross connect to Collocation
15.3.16 DS3 loop to Collocation

15.3.17 Dark fiber loop to Collocation

*15.3.18 Dark fiber loop to Dark fiber transport

15.4 The applicable dedicated transport cross connects include, but are not limited to:

15.4.1 DS-1 to Collocation
15.4.2 DS-1- to mux
15.4.3 DS-1 to loop
15.4.4 DS-3 to Collocation
15.4.5 DS-3 to mux
15.4.6 DS-3 to loop

15.4.7 Dark fiber transport to Collocation

*15.4.8 Dark fiber loop to Dark fiber transport

15.5 The applicable Port cross connects for the purpose of CLEC or SBC MISSOURI connecting a SBC MISSOURI Port UNE to CLEC Collocated facilities are as follows:

15.5.1 Analog Line Port to Collocation
15.5.2 ISDN Basic Rate Interface (BRI) Line Port to Collocation
15.5.3 Primary Rate Interface (PRI) Trunk Port to Collocation
15.5.4 Analog DID Trunk Port to Collocation
15.5.5 DS-1 Trunk Port to Collocation

15.6 Cross Connects, required for the UNE platform, from UNE Loops to UNE Ports for the purpose of combining a SBC MISSOURI Loop with a SBC MISSOURI Port are as follows:

15.6.1 Analog Loop to Switch Port 2W
15.6.2 Digital Loop to Switch Port 2W
15.6.3 Digital Loop to Switch Port 4W

*15.7 The applicable multiplexing cross connects for the purposes of CLEC or SBC MISSOURI connecting a SBC MISSOURI multiplexing port UNE to a CLEC collocated facility include, but are not limited to:

*15.7.1 DS1 Multiplexing Port to Collocation
*15.7.2 DS3 Multiplexing Port to Collocation

*15.8 The applicable multiplexing cross connects for the purpose of CLEC or SBC MISSOURI connecting a SBC MISSOURI multiplexing port UNE to a loop UNE include, but are not limited to:

*15.8.1 DS1 Multiplexing Port to DS0 Loop
*15.8.2 DS1 Multiplexing Port to DS1 Loop
*15.8.3 DS3 Multiplexing Port to DS1 Loop
*15.8.4 DS3 Multiplexing Port to DS3 Loop

15.9 Cross connects to the collocation arrangement associated with unbundled local loops are available with or without automated testing and monitoring capability.

15.10 SBC MISSOURI offers the choice of cross connects with subloop elements as detailed in Appendix Pricing. SBC MISSOURI will charge CLEC the appropriate rate as shown on Appendix Pricing UNE – Schedule of Prices labeled "Subloop Cross Connect".

15.11 CLEC must cross connect ULS to either its Collocation Arrangement or Loop or UDT.

16.0 Additional Requirements Applicable to Unbundled Network Elements

This Section 16 sets forth additional requirements for Unbundled Network Elements which SBC MISSOURI agrees to offer to CLEC under this Agreement.

16.1 SBC MISSOURI will offer unbundled local loops with and without automated testing and monitoring services where technically feasible. If a CLEC uses its own testing and monitoring services, SBC MISSOURI still must treat the test reports as its own for purposes of procedures and time intervals for clearing trouble reports. When CLEC orders a switch port, or local loop and switch port in combination, SBC MISSOURI will, at CLEC's request, provide automated loop testing through the Local Switch rather than install a loop test point. SBC MISSOURI's Special Access Bridging and Hubbing engineering rules and restrictions do not apply to UNEs or to UNE Combinations.

16.2 Synchronization

16.2.1 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.

16.2.2 Technical Requirements

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

17.0 Pricing

17.1 Price Schedules

Attached hereto as Appendix Pricing – Network Elements is a schedule which reflects the prices at which SBC MISSOURI agrees to furnish unbundled Network Elements required to be provided to CLEC under Section 251 and Section 271 of the Act.

APPENDIX LAWFUL SUB-LOOP ELEMENTS

1.0 SBC MISSOURI will provide sub-loop elements as Unbundled Network Elements as set forth in this Appendix pursuant to the Terms and Conditions specifically set out in Attachment 6 UNE and/or Attachment 25 DSL in this Agreement.

1.1 A subloop is a smaller segment of SBC MISSOURI's local loop plant, i.e., a portion of the loop from a point of technically feasible access beyond SBC MISSOURI's central office and, up to and including, the network demarcation point, including that portion of the loop, if any, which SBC MISSOURI owns or controls inside the customer premises, including multiunit premises.

1.1.1 Point of technically feasible access. A point of technically feasible access is any point in the incumbent LEC's outside plant where a technician can access the copper wire within a cable without removing a splice case. Such points include, but are not limited to, a pole or pedestal, the serving area interface, the network interface device, the minimum point of entry, any remote terminal, and the feeder/distribution interface. SBC MISSOURI shall, upon site-specific request, provide access to a copper subloop at a splice near a remote terminal. SBC MISSOURI shall be compensated for providing this access in accordance with §§ 51.501 through 51.515.

2.0 DEFINITIONS PERTAINING TO THE SUB-LOOP

2.1 "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.

2.2 "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 in the case of some multiunit premises, the landlord's control) of the wire begins.

2.3 "Digital 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 and 1.544 Mbps subloop transport.

2.4 "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.

2.5 Intentionally Left Blank

2.6 "Inside Wire Subloop" is defined for purposes of this Appendix as all loop plant owned or controlled by SBC MISSOURI at a multiunit customer premises between the minimum point of entry as defined in § 68.105 of the FCC TRO rules and the point of demarcation of SBC MISSOURI's network as defined in § 68.3. In multi-unit properties, the Inside Wire Subloop may include the NID. Maintenance and control of inside wire is under the control of the premises owner, except in those multi-unit properties, where SBC MISSOURI owns and maintains control over inside wire within a building or on a property up to the NID. Maintenance and control of the Inside Wire Subloop on the property owner's side of the demarcation point may be under the control of the property owner or the end user. Conflicts between telephone service providers for access to the end user's inside wire on the end user's side of the NID must be resolved by the end user.

2.7 "MTE" for the purpose of Term To NID subloop. "MTE" is a Multi Unit Premises Environment for buildings with exterior or interior mounted terminals

2.8 "Network Terminating Wire (NTW)" is the service wire that connects SBC MISSOURI's distribution cable to the NID at the demarcation point.

2.9 "SAI/FDI-to-Term" is that portion of the loop from the SAI/FDI to an accessible terminal.

2.10 "SAI/FDI-to-NID" is that portion of the UNE loop from the SAI/FDI to the Network Interface Device (NID), which is located at an end user's premise.

2.11 "SPOI" is defined as a Single Point of Interconnection. SBC MISSOURI will construct a SPOI only to those multiunit premises where SBC MISSOURI has distribution facilities to the premises and SBC MISSOURI either owns, controls, or leases the inside wire, if any, at such premises. If SBC MISSOURI 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. SBC MISSOURI's obligation to build a SPOI for multiunit premises only arises when CLEC indicates that it will place an order for an unbundled subloop network element via a SPOI. If CLEC and SBC MISSOURI are unable to negotiate terms and conditions regarding an SPOI, disputed issues, including compensation under forward-looking pricing principles, shall be resolved under the dispute resolution process.

2.12 "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.

2.13 "Spare" means an existing subloop that is not defective and is either (1) not currently being used to provide service to any customer or (2) is being used to serve a customer but that customer has decided to migrate to CLEC and CLEC has requested reuse of the subloop and will port customer's telephone number to CLEC. If a subloop has been disconnected and thus an end-user is no longer receiving service via that subloop, and such subloop has been determined to be a non-defective pair, then that subloop would be considered an existing Spare portion of the loop.

2.14 "Term-to-NID" is that portion of the UNE 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) and Inside Wire Subloop.

2.15 "ECS-to-SAI/FDI" is that portion of the loop from the ECS to the SAI/FDI.

2.16 "ECS-to-Term" is that portion of the loop from the ECS to the accessible terminal.

2.17 "ECS-to-NID" is that portion of the loop from the ECS to the NID, which is located at an end user's premise. ECS-to-NID includes use of the Network Terminating Wire (NTW) and Inside Wire Subloop.

3.0 SBC MISSOURI will offer the following subloop types:

3.1 2-Wire Analog 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).

3.2 4-Wire Analog 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).

3.3 2-wire or 4-Wire DS1 Subloop provides a transmission path capable of supporting a 1.544 Mbps service that utilizes AMI or B8ZS line code modulation.

3.4 Intentionally Omitted

3.5 xDSL Subloop is defined in Attachment 25: xDSL and will be available to CLEC in SBC MISSOURI where CLEC has an approved and effective Attachment 25: xDSL as part of this Agreement. In addition the provisions set forth in Attachment 25: xDSL, the xDSL Subloop is subject to the subloop terms and conditions set forth in this Appendix Subloop Elements, the collocation provisions set forth elsewhere in this Agreement, and the rates set forth in the Schedule of Prices. If there is any conflict between the provisions set forth in Attachment 25: xDSL as to the xDSL Subloop and the subloop provisions set forth in this Appendix Subloop Elements the subloop provisions set forth in this Appendix Subloop Elements shall control.

3.6 ISDN Subloop is a 2-Wire digital offering which provides a transmission path capable of supporting a 160 Kbps, Basic Rate ISDN (BRI) service that utilizes 2B1Q line code modulation with end user capacity up to 144 Kbps.

3.7 Inside Wire Subloops using fiber. With respect to CLEC's request for unbundled subloops within multi-tenant buildings/properties, SBC MISSOURI shall make available all of the types of subloops listed above, plus high-capacity DS1, DS3 and OCN fiber optic subloops, to enable CLEC to access customer premises in such multi-tenant building/property. No collocation requirement exists with respect to Inside Wire Subloops. CLEC shall be allowed to access these subloops at any technically feasible terminal point at or near a multi-tenant building/property in any technically feasible manner.

4.0 ACCESS TO TWISTED-PAIR COPPER SUBLOOPS

4.1 Access to terminals for twisted-pair copper subloops is defined to include, but is not limited to:

- 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)
- Engineering Controlled Splice
- The Remote Terminal (RT)

5.0 CLEC may request access to twisted-pair copper 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	NID
7.	Engineering Controlled Splice (ECS)	Serving Area Interface or Feeder Distribution Interface
8.	Engineering Controlled Splice (ECS)	Terminal
9.	Engineering Controlled Splice (ECS)	Network Interface Device

6.0 HIGH CAPACITY SUBLOOPS

6.1 Access to terminals for DS1 and DS3 high capacity subloops is defined to include, but is not limited to:

6.1.1 any technically feasible point near the customer premises accessible by a cross-connect (such as the pole or pedestal or the minimum point of entry (MPOE) to the customer premises),

6.1.2 the Remote Terminal (RT),

6.1.3 the Terminal (underground or aerial).

6.2 CLEC may obtain access to the DS1 or DS3 high-capacity subloop segment between the Central Office Point of Termination (POT) and the Remote Terminal Point of Termination (POT) when CLEC is providing narrowband services.

6.3 CLEC may obtain access to DS1, DS3 and OCN high-capacity Inside Wire Subloops at any technically feasible point at the multitenant building/property.

7.0 Unbundled DS1 and DS3 subloops may not be employed in combination with transport facilities to replace special access services or facilities, except consistently with the other terms and conditions of this Agreement, including but not limited to Section 2.20 of Attachment 6.

8.0 PROVISIONING

8.1 Connecting Facility Arrangement (CFA) assignments must be in place prior to ordering and assigning specific subloop circuit(s).

8.2 Spare 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.

9.0 MAINTENANCE

9.1 The Parties acknowledge that by separating switching, feeder plant and distribution plant, the ability to perform mechanized testing and monitoring of the subloop from the SBC MISSOURI switch/testing equipment will be lost.

9.2 CLEC shall isolate trouble to the SBC MISSOURI Subloop portion of the CLEC's service before reporting trouble to SBC MISSOURI.

9.3 SBC MISSOURI shall charge CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches SBC MISSOURI on a trouble report and the fault is determined to be in CLEC's portion of the loop. The SBC MISSOURI MSC may be found in the state pricing appendices or tariffs.

9.3.1 In the event that both SBC MISSOURI and CLEC perform an initial dispatch and the trouble is not resolved, a vendor meet will be scheduled between SBC MISSOURI technician and CLEC technician. Following the vendor meet, if the trouble is determined to be in CLEC's portion of the loop, an additional Maintenance of Service charge will be applied. If the trouble is determined to be in SBC MISSOURI' portion of the loop, the trouble will be resolved, and prior Maintenance of Service charges will be credited.

9.4 In the event of Catastrophic Damage to the RT, SAI/FDI, Terminal, or NID where CLEC has a Subloop Access Arrangement, SBC MISSOURI repair forces will restore service in a non-discriminatory manner and such that the greatest number of all customers will be restored in the least amount of time. Should CLEC cabling require replacement, SBC MISSOURI will provide prompt notification to CLEC for CLEC to provide the replacement cable to be terminated as necessary.

10.0 SUBLOOP ACCESS ARRANGEMENTS

10.1 Prior to ordering subloop facilities, CLEC will establish Collocation using the Collocation process as set forth in the Collocation Appendix, or will establish a Subloop Access Arrangement utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the SBC MISSOURI subloop network. CLEC is not required to have a collocation arrangement in the Central Office in order to establish a Subloop Access Arrangement. If SBC MISSOURI provides assistance in the development and deployment of Subloop Access Arrangement to any SBC affiliate or to any CLEC, SBC MISSOURI will provide such assistance on a parity basis.

10.2 SBC's assigned Account Manager will serve as the Primary Point of Contact to be an SBC interface during the planning, engineering, and provisioning of the Subloop Access Arrangement.

10.3 SBC MISSOURI will provide information, by geographic area, regarding what is served by the FDI/SAI serving area. This information will be provided via the DTI Tool which shall be available on the CLEC Webpage.

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

10.5 Upon receipt of a complete and correct Application, SBC MISSOURI 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. CLEC agrees to pay SBC MISSOURI appropriate rates for the engineering and other associated costs performed when CLEC submits a request to provide a written estimate for sub-loop(s).

10.6 The assignment of subloop facilities will incorporate reasonable practices used to administer outside plant loop facilities, and will take into account that CLECs, unlike SBC MISSOURI, may not require as many subloop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, CLEC may request and will be assigned a smaller number of cable pairs, but will be charged in 25 pair splicing increments.

10.7 Subloop inquiries do not serve to reserve subloop(s).

10.8 Several options exist for Collocation or Sub-loop 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.

10.9 Prior to submitting the request for SCA, CLEC will be responsible for obtaining rights of way from owners of property where SBC MISSOURI will place the equipment necessary for the SAA

10.10 Prior to submitting the Sub-loop Access Arrangement Application for SCA, CLEC should have the Structure Access appendices in the Agreement to provide the guidelines for both CLEC and SBC MISSOURI to successfully implement subloops, should collocation, access to poles/conduits or rights of way be required.

10.11 Except as set forth below in Section 10.10, construction of the Sub-loop Access Arrangement shall take up to ninety (90) days to complete depending upon project size and scope. The time period begins when CLEC submits to SBC MISSOURI 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 CLEC and before construction begins, with the balance payable upon completion. SBC MISSOURI will not begin any construction under the SCA until the CLEC has provided proof that it has obtained any necessary access to rights-of-way as defined in Section 10.7. 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, SBC MISSOURI 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 Sub-loop Access Arrangement. Such payments may be subject to any "true-up," if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

10.12 Upon completion of the construction activity, CLEC will be allowed to test the installation with a SBC MISSOURI technician. If the CLEC desires test access to the Sub-loop Access Arrangement, CLEC must place its own test point in its cable prior to cable entry into SBC MISSOURI's interconnection point.

10.13 Once all subloop access arrangements have been completed and balance of payment due SBC MISSOURI is received, the CLEC may place a LSR for subloops at this location. Prices at which SBC MISSOURI agrees to provide CLEC with Unbundled Network Elements (UNE) are contained in the Appendix Pricing.

10.14 In order to maximize the availability of terminations for all CLECs, CLEC shall provide CFA for its subloop pairs utilizing the same 25-pair binder group. CLEC would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.

10.15 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 of the SCA shall be subject to removal by SBC MISSOURI if such terminations are needed by SBC MISSOURI to fulfill a request for service. SBC MISSOURI shall provide CLEC forty-five (45) days' advance written notice of SBC MISSOURI's need for such unused terminations and a date on which it intends to remove the unused terminations.

10.16 In the event a CLEC elects to discontinue use of an existing Sub-loop Access Arrangement, or abandons such Arrangement by failing to remove its facilities within thirty (30) days of receipt of notice from SBC MISSOURI, CLEC shall pay SBC MISSOURI for removal of CLEC's facilities from the SAA.

11.0 SUBLOOP ACCESS ARRANGEMENT ACCESS POINTS

11.1 SAI/FDI or Accessible Terminal

11.1.1 CLEC cable to be terminated in an SBC MISSOURI SAI/FDI, or Accessible 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.

11.1.2 CLEC may elect to place its cable to within three (3) feet of the Sub-loop Access Arrangement site and coil up an amount of cable, defined by the SBC MISSOURI's and CLEC's engineer in the design phase, that SBC MISSOURI will terminate on available binding posts in the SAI/FDI or Terminal.

11.1.3 CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, which will be scheduled by mutual agreement, but not more than five (5) days from the date of CLEC's request for a subloop arrangement SBC MISSOURI will stub out a cable from the SAI/FDI or Terminal, which SBC MISSOURI splice to the cable at the meet point.

11.1.4 Dead counts will be offered as long as they have not been placed for expansion purposes and such expansion is planned to occur within a 12-month period beginning on the date of CLEC's submission of the inquiry LSR.

11.1.5 Exhausted termination points in a SAI/FDI. 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.

11.1.6 Exhausted Termination Points in a Terminal. When a Terminal's termination points are all terminated to assignable cable pairs. SBC MISSOURI 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.

12.0 RELOCATION OF EXISTING ILEC/CLEC FACILITIES INVOLVED IN A SAA AT A RT, SAI/FDI, TERMINAL OR NID

12.1 SBC MISSOURI shall notify CLEC of pending relocation as soon as SBC MISSOURI receives such notice from the property owner or governmental entity that it must relocate its ILEC facilities.

12.2 CLEC shall notify SBC MISSOURI of it's intentions to remain, or not, in the SAA by way of a new Subloop Access Arrangement Application for a new SCA. If SBC MISSOURI receives no response to such notice, CLEC shall be deemed to have determined not to remain and its facilities will be removed and CLEC billed as provided in Section 12.7 below.

12.3 If CLEC notifies SBC MISSOURI that it intends to remain, SBC MISSOURI shall then provide CLEC a written estimate of the reasonable cost to terminate CLEC's facilities as part of the relocation of the site including the applicable Sub-loop Access Arrangement. This process may require a site visit with the CLEC and SBC MISSOURI engineer. The estimate shall be provided to CLEC within 30 business days after notification by CLEC.

12.4 CLEC shall notify SBC MISSOURI of acceptance or rejection of the new SCA within 10 business days of it's receipt of SBC MISSOURI's estimate.

12.5 Upon acceptance of the SBC MISSOURI estimate, CLEC shall pay at least 50% of the relocation costs at the same time as it notifies SBC MISSOURI of its acceptance of estimated costs.

12.6 If CLEC decides not to continue the Sub-loop Access Arrangement, CLEC will notify SBC MISSOURI as to the date that SBC MISSOURI may remove CLEC's facilities from that SAA. CLEC will pay SBC MISSOURI for all actual itemized costs incurred by SBC MISSOURI associated with the removal of the CLEC's SAA.

12.7 In the event that CLEC does not timely respond to SBC MISSOURI's notice but does notify SBC MISSOURI of its intention to continue the Sub-Loop Access Arrangement, SBC MISSOURI shall move CLEC's facilities and submit a bill for payment to the CLEC for the costs associated with the relocation. If CLEC fails to pay this bill, SBC MISSOURI will remove CLEC's facilities from the site upon 30 days notice to the CLEC.

13.0 INTENTIONALLY LEFT BLANK

14.0 ESTABLISHMENT OF INTERMEDIARY BOX FOR CLEC ACCESS TO TERM TO NID MTE SUBLOOP SEGMENT

14.1 As an alternative to the establishment of a Subloop Access Arrangement in those instances where CLEC wishes to access/lease SBC MISSOURI Term to NID subloop segments in order to serve its end-user customers at MTEs in SBC MISSOURI ("Term to NID MTE 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 Subloop Segment cross-connect leased from SBC MISSOURI within the intermediary box (in order to obtain access to SBC MISSOURI Term to NID MTE Subloop Segments). In the event CLEC wishes to access SBC MISSOURI Term to NID MTE Subloop Segments via the establishment of an intermediary box, the following rates, terms and conditions shall apply:

14.1.1 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 SBC terminal.

14.1.2 The intermediary box shall contain blocks that meet SBC MISSOURI's published industry standards for the placement of services and facilities and should be labeled with CLEC's ACNA to enable the SBC MISSOURI technician the ability to run jumper/cross connect from SBC MISSOURI terminal to the intermediary box.

14.1.3 CLEC agrees that the SBC MISSOURI technician shall run the jumper/cross-connect from SBC MISSOURI's serving terminal to CLEC's intermediary box, in order for CLEC to access SBC MISSOURI Term to NID MTE Subloop Segments in SBC MISSOURI. For security and safety, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC terminal and the CLEC's intermediary box.

14.1.4 CLEC must have in place Connecting Facility Arrangement (CFA) assignments prior to ordering and assigning specific Term to NID MTE Subloop Segments from SBC MISSOURI.

14.1.5 Following CLEC's provisioning, placement, and completion of Connecting Facility Arrangement Assignments ("CFA") data submission to SBC MISSOURI associated with the intermediary box, CLEC would place orders and schedule activities related to access to the Term to NID MTE Subloop Segment including, without limitation: transferring the end-user customer's service from SBC MISSOURI to CLEC, providing SBC MISSOURI with CFA prior to ordering and the assigning of a specific Term to NID MTE Subloop Segment(s).

14.1.6 The ordering procedures for the Term to NID MTE Subloop Segment will be the same as those that apply to subloop UNEs today and shall be submitted to SBC MISSOURI by CLEC via a Local Service Request ("LSR").

14.1.7 SBC MISSOURI will upon receipt of the LSR from CLEC for a Term to NID MTE Subloop Segment, process the order and place the jumper/cross connect to the CFA provided by the CLEC on the LSR, from the SBC MISSOURI terminal to the CLEC intermediary box. SBC MISSOURI must have access to the intermediary box for completion of the order.

14.2 In connection with the MTE intermediary box for CLEC access to Term to NID MTE Subloop Segments in 12 State only, CLEC may elect to lease from SBC MISSOURI Term to NID MTE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in

Appendix Pricing for the "Term to NID MTE Subloop Segment" In the event CLEC wishes to lease the Term to NID MTE Subloop Segment from SBC-MISSOURI in lieu of SBC-MISSOURI's standard Term to NID subloop segment addressed in this Section 8.18.2, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Subloop Segment.

15.0 ESTABLISHMENT OF TERM TO NID MTE SUBLOOP SEGMENT WHEN NO INTERMEDIARY BOX IS INSTALLED

15.1 In those instances where CLEC elects not to install an intermediary box or to have SBC MISSOURI install an intermediary box pursuant to the SAA process outlined herein above, CLEC may still lease from SBC MISSOURI Term to NID MTE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in Appendix Pricing for the "Term to NID MTE Subloop Segment." In the event CLEC wishes to lease the Term to NID MTE Subloop Segment from SBC MISSOURI in lieu of SBC-MISSOURI's standard Term to NID subloop segment addressed in Section 8.18.2 above, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Subloop Segment. In such cases, SBC MISSOURI will provide CLEC with access to the Term To NID MTE subloop via a cross connect. The SBC technician will tag appropriately and will leave up to two feet of exposed wire at SBC MISSOURI's 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, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC terminal and the CLEC's terminal.

15.2 If CLEC elects this option to obtain access to the Term To NID subloop in an MTE Environment, neither the SBC MISSOURI SAA process nor the intermediary box option would be required. Because the CLEC would have full responsibility for terminating the SBC MISSOURI cross-connect, SBC MISSOURI could not require any CFA information from CLEC.

16.0 ENGINEERING CONTROLLED SPLICE (ECS)

16.1 SBC MISSOURI will also make available an Engineering Controlled Splice (ECS), which will be owned by SBC MISSOURI, for CLECs to gain access to subloops at or near RTs.

16.2 The ECS shall be made available for Sub-loop Access Arrangements utilizing the Special Construction Arrangement (SCA).

16.2.1 If CLEC requests such an SCA, CLEC shall pay all of the actual construction, labor, materials and related provisioning costs incurred by SBC MISSOURI to fulfill its SCA on a Time and Materials basis, provided that SBC MISSOURI will construct any Sub-loop Access Arrangement requested by CLEC in a cost-effective and efficient manner. If SBC MISSOURI 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 CLEC will not be liable for such extra costs. CLEC may cancel an SCA by providing written notice to SBC MISSOURI in a commercially reasonable manner; provided however, that CLEC will pay SBC MISSOURI its reasonable and demonstrable costs of processing and/or implementing the SCA up to and including the date SBC MISSOURI receives notice of cancellation.

16.2.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an ECS (regardless of whether CLEC actually utilizes all such pairs), even if SBC MISSOURI places more pairs at the splice.

16.2.3 CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, which will be scheduled by mutual agreement, but not more than thirty (30) days from the date of CLEC's request for a subloop arrangement. SBC MISSOURI will stub out a cable from the RT, which SBC MISSOURI splice to the cable at the meet point.

16.2.4 Intentionally Left Blank

16.2.5 If more than one requesting CLEC obtains space in expanded RTs or in adjacent structures and obtains an Sub-loop Access Arrangement with the new copper interface point at the ECS, the initial CLEC which incurred the costs of construction of the ECS and/or additional copper/fiber shall be reimbursed those costs in equal proportion to the space or lines used by the subsequent requesting CLECs.

16.2.6 SBC MISSOURI may require a separate SCA for each RT site.

16.2.7 Except as set forth below in this Section 16.2.7, CLEC must submit written acceptance and at least 50% of payment for the SCA before SBC MISSOURI will begin construction of the ECS. Construction of the ECS and access to the copper subloop may take up to ninety (90) days to complete depending upon project size and scope. CLEC shall be granted access upon completion of the construction of the ECS, provided, however that CLEC must tender payment in full to SBC MISSOURI for the SCA before access will be granted. SBC MISSOURI will not begin any construction of the ECS until CLEC has provided proof that it has obtained access to any necessary rights-of-way as defined in Section 9.3. In the event CLEC disputes the estimate for the ECS in accordance with the dispute resolution procedures set forth in this Agreement, SBC MISSOURI will proceed with construction of the ECS upon receipt from CLEC of notice of the dispute and payment of 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.

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

16.3.1 Dedicated Facility Option (DFO)

16.3.1.1 CLEC may request that SBC MISSOURI splice the existing cabling between the ECS and the SAI to the CLEC's Sub-loop Access Arrangement facility. This facility will be "dedicated" to the CLEC for subsequent subloop orders.

16.3.1.2 CLEC must designate the quantity of subloops it desires to access via this spliced, dedicated facility, specified by subtending SAI.

16.3.1.3 CLEC will compensate SBC MISSOURI for each of the dedicated subloop facilities, based on recurring ECS to SAI/FDI subloop charges as provided in the Appendix Pricing, Schedule of Prices, for the quantity of subloops dedicated to the CLEC between the ECS and the SAI. CLEC will pay a single nonrecurring cross connect charge as provided in the Appendix Pricing, Schedule of Prices for ECS to SAI/FDI subloops under this Option.

16.3.1.4 Upon submission of a subloop order using the Engineering Controlled Splice Dedicated Facility Option, SBC will provision subloop connectivity between the associated SAI and the NID at the end user premises. Under the Dedicated Facility Option, SBC will complete the subloop and CLEC will pay the SAI/FDI to NID subloop monthly recurring charge in the Appendix Pricing, Schedule of Prices. No cross connect or non-recurring charges will be applied to an SAI/FDI to NID subloop order under the DFO.

16.3.2 Cross-connected Facility Option (CFO)

16.3.2.1 CLEC may request that SBC MISSOURI build an ECS cross-connect junction on which to terminate CLEC's Sub-loop Access Arrangement facility.

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

16.3.2.3 CLEC must designate the quantity of subloops it desires to access via this cross-connectable, dedicated facility, specified by subtending SAI.

16.3.2.4 Upon submission of a subloop order using the Engineering Controlled Splice Cross-connected Facility Option, SBC will provision subloop connectivity between the associated ECS and the NID at the end user premises. Under the Cross-connected Facility Option, SBC will complete the subloop and CLEC will pay the ECS to NID subloop monthly recurring charge and one cross connect fee as provided in Appendix Pricing, Schedule of Prices. No other cross connect or non-recurring charges will be applied to a subloop order under the CFO.

APPENDIX PRICING –UNE

1.0 Application of Prices

1.1 CLEC agrees to compensate SBC MISSOURI for use of Unbundled Network Elements (UNEs) at the rates contained in this Agreement. As used herein and in Attachment 6, the terms "Unbundled Network Elements" (whether or not used with initial caps) and "UNEs" include those network elements that are required to be unbundled under Section 251 and those required to be unbundled under Section 271 of the Telecommunications Act.

1.2 Unless otherwise stated, SBC MISSOURI will render a monthly bill for UNEs provided hereunder. Remittance in full will be due consistent with Section 9 of the General Terms and Conditions. In accordance with section 9.1 of the General Terms and Conditions, interest will apply on overdue amounts.

1.3 The attached Appendix Pricing sets forth the prices that SBC MISSOURI will charge CLEC for 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 2.37 of Attachment 6 ("BFR Elements"), CLEC may order, and SBC MISSOURI will provide, all Attachment 6 Unbundled Network Elements on the basis of the attached Appendix Pricing. The Parties agree that the Appendix Pricing contains a complete list of rate elements and charges associated with UNEs and other items, if any, offered by SBC MISSOURI pursuant to this Agreement. This paragraph does not limit or expand the use of the BFR Process.

1.5 As established in KCC Docket No. 97-SCCC-149-GIT: Zone 1 includes Rate Groups 1, 2, and 3 (rural) as defined in SBC MISSOURI'S Local Exchange Tariff. Zone 2 includes Rate Groups 4, 5,and 6 (suburban) as defined in SBC MISSOURI'S Local Exchange Tariff. Zone 3 includes Rate Groups 7 and 8 (urban) as defined in SBC MISSOURI'S Local Exchange Tariff.

2.0 Recurring Charges

2.1 Recurring Charges, where applicable, are as shown in Appendix Pricing.

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 will be based on minutes of use (MOU), usage will be accumulated at the end office and are rounded to the next higher minute per monthly billing cycle. In the long term usage will be measured beginning when the facilities are seized (excluding network failures) and ending when the facilities are released. SBC MISSOURI is currently unable to measure busy/don't answer (by/da), but SBC MISSOURI intends to develop such capability. SBC MISSOURI will provide CLEC not less than 30 days notice when SBC MISSOURI begins to measure by/da. No related true up will occur.

2.4 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, SBC MISSOURI 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, SBC MISSOURI will round up to the next whole before determining the mileage and applying rates.

3.0 Non-Recurring Charges

3.1 Non-recurring charges for UNEs are included on Appendix Pricing.

3.2 If CLEC provides its own testing for UNEs and its testing produces incorrect information which results in SBC MISSOURI dispatching a repair crew unnecessarily, then CLEC will pay SBC MISSOURI the cost of the unnecessary trip.

3.3 SBC MISSOURI offers the following order types. When CLEC issues service orders, CLEC will pay the applicable service order charges contained in Appendix Pricing labeled "Service Order Charges –Unbundled Network Element."

3.4 Simple and Complex Service Orders

3.4.1 Appendix Pricing 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 SBC MISSOURI or a CLEC on an electronic flow-through basis can handle an order, the order is simple. All other orders are complex.

4.0 Maintenance of Service, Time and Materials, and Non Productive Dispatch Charges

4.1 If CLEC requests or approves a SBC MISSOURI technician to perform special installation, maintenance, or conversion services for UNE's excluding services which SBC MISSOURI 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 UNEs and its testing produces incorrect information which results in SBC MISSOURI dispatching a repair crew unnecessarily, then CLEC will pay SBC MISSOURI the cost of the unnecessary trip.

4.3 Consistent with Attachment 8 Maintenance UNE, if CLEC determines that trouble has occurred in SBC MISSOURI'S equipment and/or facilities, CLEC will issue a trouble report to SBC MISSOURI.

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 SBC MISSOURI dispatches personnel to the end user's premises or a SBC MISSOURI central office and trouble was not caused by SBC MISSOURI'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 UNE and SBC MISSOURI dispatches personnel and the trouble is in equipment or communications systems provided by an entity other than SBC MISSOURI or in detariffed CPE provided by SBC MISSOURI, unless covered under a separate maintenance agreement.

4.6 If CLEC issues a trouble report allowing SBC MISSOURI access to the end user's premises and SBC MISSOURI personnel are dispatched but denied access to the premises, then Non Productive Dispatch charges for technicians' time reasonably required will apply. Subsequently, if SBC MISSOURI 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 Schedule of Prices 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. (CT) which is SBC MISSOURI'S normally scheduled work day. SBC MISSOURI'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 SBC MISSOURI'S normally scheduled work week and includes Sundays and Holidays. Any time not consecutive with SBC MISSOURI'S normally scheduled work day may be subject to a minimum charge of two hours if dispatch of an off duty SBC MISSOURI employee is necessary.

4.8 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'S internal management of those costs.

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

5.0 Application of Usage Sensitive Charges To Particular Call Flows

5.1 Inclusion of ULS-O, ULS-T or ULS-ST in these call flows does not waive CLEC's position that the appropriate charge for switching is a flat-rated port charge with no usage component.

5.2 Rate Structure for ULS

5.2.1 Intra Switch Calls - (calls originating and terminating in the same switch i.e., the same 11 digit Common Language Location Identifier (CLLI) end office):

5.2.1.1 CLEC will pay ULS-O and SS7 signaling for a call originating from a CLEC ULS line or trunk port that terminates to (a Resale or any unbundled line or trunk port which is connected to the same end office switch.

5.2.1.2 CLEC will pay ULS-O and SS7 signaling charges for a centrex-like ULS intercom call in which CLEC's user dials from one centrex-like station to another centrex-like station in the same common block defined system.

5.2.1.3 SBC MISSOURI will not bill ULS-T for Intra Switch calls.

5.2.1.4 CLEC will not bill any terminating charges (e.g., reciprocal compensation) to SBC MISSOURI for Intra Switch Calls.

5.2.2 Interswitch Calls - (calls not originating and terminating in the same switch) i.e., not the same 11 digit Common Language Location Identifier (CLLI) end office:

5.2.2.1 Local Calls

5.2.2.1.1 General Principles

5.2.2.1.1.1 When a call originates from a CLEC ULS Port, CLEC will pay ULS-O and SS7 signaling charges. If the call routes over SBC MISSOURI's Unbundled Local Switching with (ULS-ST), CLEC will pay charges for Unbundled Shared Transport UST as reflected in Appendix Pricing. CLEC will also pay charges for Common Transport and Tandem Switching or Blended Transport charges where applicable as reflected in Appendix Pricing.

5.2.2.1.1.1.1 The Parties agree that, for calls originated from a CLEC ULS Port and routed over common transport, SBC MISSOURI will not be required to record and will not bill actual tandem switching usage. Rather, SBC MISSOURI agrees to charge CLEC the rate shown on Appendix Pricing labeled "Blended Transport," for each minute of use of unbundled common transport, whether or not the call actually traverses the tandem switch.

5.2.2.1.1.2 When a call terminates to a CLEC ULS Port, CLEC will pay ULS-T charges.

5.2.2.1.2 Illustrative Call Flows

The following call flows provide examples of application of usage sensitive UNE charges and compensation as set out in Attachment 12. Unless otherwise indicated, examples assume CLEC is using ULS and UST when originating traffic, and using ULS when terminating.

5.2.2.1.2.1 CLEC (UNE) Originating and SBC MISSOURI Terminating:

Local Interswitch Call:
At CLEC's option, CLEC may pay as follows:
CLEC Pays: Applicable ULS-O/SS7/Blended Transport/Recip Comp/DUF, or
CLEC Pays: Applicable ULS-O/SS7/Blended Transport/DUF and bill and keep applies

Local Intraswitch Call:
CLEC Pays: ULS-O/SS7/DUF

5.2.2.1.2.2 SBC MISSOURI Originating and CLEC (UNE) Terminating

Local Interswitch Calls:
CLEC Pays: There will be no charges
SBC MISSOURI Pays: There will be no charges

Local Intraswitch Call:
CLEC and SBC do not bill any charges to each other

5.2.2.1.2.3 CLEC A Originating and CLEC B Terminating

Local Interswitch Call:
CLEC Pays: ULS – O/SS7/Blended Transport/DUF

Local Intraswitch Calls:
CLEC A Pays ULS-O/SS7/DUF
CLEC B Pays: ULS-T

5.2.2.1.2.4 CLEC Originating and CLEC Terminating

Local Interswitch Call:
CLEC Pays: ULS–O/ULS-T/SS7/Blended Transport/DUF (both originating and terminating)

Local Intraswitch Call: CLEC Pays ULS-O/SS7/DUF

5.2.2.1.2.5 CLEC B (UNE) Originating and CLEC A (UNE) Terminating

Local Interswitch Calls:
CLEC Pays: ULS – T/DUF

Local Intraswitch Call: CLEC A pays nothing; CLEC B pays nothing

5.2.2.1.2.6 CLEC B (Reseller – s/a SBC Resale) to CLEC A (UNE) Terminating: The assumption here is that CLEC C is purchasing resale from SBC MISSOURI

Local Interswitch Call:
At CLEC's option, CLEC A may pay as follows:
CLEC A Pays: ULS – T/DUF, CLEC A may bill SBC MISSOURI recip comp, or
CLEC Pays: There will be no charges and SBC MISSOURI Pays: There will be no charges

Local Intraswitch Call: CLEC A Pays nothing

5.2.2.1.2.7 CLEC A (UNE) Originating and CLEC B (Resale services) Terminating

Local Interswitch Call:
CLEC A Pays: ULS – O/SS7/Blended Transport/DUF

Local Intraswitch Call:
CLEC Pays: ULS-O/SS7/DUF

5.2.2.1.2.8 CLEC A (UNE) Originating to CLEC C (Facilities Based Network (FBN)) Terminating

CLEC A Pays: ULS – O/Blended Transport/SS7 Signaling/DUF

Terminating Compensation is a matter between CLEC A and CLEC B C. SBC MISSOURI is not responsible for any such Compensation to CLEC C.

5.2.2.1.2.9 CLEC C (FBN) Originating to CLEC A (UNE) Terminating

Tandem Routed: ULS-T/Common Transport/Tandem Switching/DUF
Direct-Trunked Routed: CLEC A Pays ULS-T/DUF

5.2.2.2 IntraLATA and InterLATA Toll Calls

5.2.2.2.1 General Principles

5.2.2.2.1.1 CLEC will pay SS7 signaling, Unbundled Tandem Switching/Blended Transport charges for all intraLATA toll calls initiated by a CLEC ULS Port that use the L-PIC ability.

5.2.2.2.1.2 After the implementation of intraLATA Dialing Parity, intraLATA toll calls from CLEC ULS Port will be routed to the end user intraLATA Primary Interexchange Carrier (PIC) choice. When an interLATA toll call is initiated from a ULS port will be routed to the end user interLATA Primary Interexchange Carrier (PIC) choice of such CLEC local service customer. Other intraLATA and interLATA toll calls shall be routed to the Interexchange Carrier to which the calls have been directed for transport (e.g., "10XXX").

5.2.2.2.1.2.1 For ULS-originated calls that are routed off of SBC MISSOURI'S network to any other telecommunications carrier (e.g., to an IXC, wireless carrier), CLEC shall pay as follows:

A. ULS – O and SS7 signaling if such carrier is connected at the local circuit switch that provides the ULS:
B. ULS – O, SS7 signaling, Unbundled Common Transport, and Unbundled Tandem Switching if such carrier is connected at SBC MISSOURI'S tandem switch subtended by the local circuit switch that provides ULS:
C. ULS – O, SS7 signaling, and Blended Transport is such carrier is connected to SBC MISSOURI'S network elsewhere.

Terminating Compensation is a matter between CLEC and such other telecommunications carriers. SBC MISSOURI shall not be charged and shall not otherwise be responsible for any such compensation.

5.2.2.2.1.2.2 For calls that are routed to a CLEC ULS Port from another telecommunications carrier's network (e.g., from an IXC's point of presence, from a wireless carrier), CLEC shall pay as follows:

A. ULS – T if such carrier is connected at the switch that provides the ULS;
B. ULS – T, Unbundled Common Transport, and Unbundled Tandem Switching if such carrier is connected at SBC MISSOURI'S tandem switch subtended by the switch that provides the ULS;
C. ULS – T, and Blended Transport if such carrier is connected to SBC MISSOURI'S network elsewhere.

Terminating Compensation is a matter between CLEC and such other telecommunications carriers. SBC MISSOURI shall not be charged and shall not otherwise be responsible for any such compensation.

5.2.2.2.1.2.3 CLEC may provide exchange access transport services to IXCs for intraLATA traffic originated by or terminating to CLEC local service customers, upon request, using UNEs. For interLATA toll calls and intraLATA toll calls (post dialing parity) that are originated by local customers using SBC MISSOURI unbundled local switching, CLEC may offer to deliver the calls to the PIC at the SBC MISSOURI access tandem, with CLEC using lawful unbundled common transport and tandem switching to transport the call from the originating unbundled local switch to the PIC's interconnection at the access tandem. When the PIC agrees to take delivery of toll calls under this arrangement, then CLEC will pay SBC MISSOURI ULS-O usage, signaling, common transport, and tandem switching for such calls. SBC MISSOURI will not bill any access charges to the PIC under this arrangement. CLEC may use this arrangement to provide exchange access services to itself when it is the PIC for toll calls originated by CLEC local customers using SBC MISSOURI unbundled local switching.

5.2.2.2.1.2.4 If an Interexchange Carrier elects to use transport and tandem switching provided by SBC MISSOURI to deliver interLATA toll calls or intraLATA toll calls (post dialing parity) that are originated by CLEC local customers using SBC MISSOURI unbundled local switching, then CLEC will pay SBC MISSOURI ULS-O usage and signaling only in connection with such calls. SBC MISSOURI will not bill the PIC any originating switching access charges in connection with such calls.

5.2.2.2.1.3 When an IntraLATA or InterLATA toll call terminates to an ULS Port, purchased by CLEC, SBC MISSOURI will not charge terminating access to CLEC or the IXC except that SBC MISSOURI may bill the IXC for terminating transport in cases where the IXC has chosen SBC MISSOURI as its transport provider.

5.2.2.3 Toll Free Calls

When CLEC uses ULS Ports to initiate an 800-type call, (or the equivalent toll-free dialing NPA, e.g., 877, 888) SBC MISSOURI will perform the appropriate database query and route the call to the indicated IXC. No ULS-O charges will apply. This will be subject to SBC MISSOURI'S ability to provide access recording data to CLEC as referenced in Attachment 6, Section 8.2 and Attachment 10, Section 4.4. Thereafter, when SBC MISSOURI is able to measure originating 800 traffic, and when CLEC uses a ULS Ports to initiate an 800-type call, CLEC will pay the 800 database query charge, Lawful ULS-O charge, and where the IXC is connected to SBC MISSOURI at a tandem, the Unbundled Common Transport charge. SBC MISSOURI shall provide 30-days' advance notice to CLEC of SBC MISSOURI'S ability to provide access recording data to CLEC; billing shall be on a going forward basis only, without any true-up. SBC MISSOURI will not bill IXC for such calls.

ATTACHMENT 7: ORDERING AND PROVISIONING UNBUNDLED NETWORK ELEMENTS

1.0 GENERAL REQUIREMENTS

1.1 SBC MISSOURI 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. As used herein and in Attachment 6, the terms "Unbundled Network Elements" (whether or not used with initial caps) and "UNEs" include those network elements that are required to be unbundled under Section 251 and those required to be unbundled under Section 271 of the Telecommunications Act.

1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing UNE – Schedule of Prices to Attachment 6.

1.3 CLEC may order, and SBC MISSOURI will fill orders, for Unbundled Network Elements as defined in Attachment 6. Multiple individual UNEs Elements may be requested by CLEC from SBC MISSOURI on a single Local Service Request (LSR) for a specific customer, without the need to have CLEC send an LSR for each UNE Element.

1.4 CLEC may order, and SBC MISSOURI will fill orders, for specified combinations of Unbundled Network Elements, as as defined in Attachment 6. Combinations of Unbundled Network Elements may be requested by a CLEC from SBC MISSOURI on a single LSR for a specific customer, without the need to have CLEC send an LSR for each Element. In accordance with the Change Management Process, SBC MISSOURI agrees to provide additional electronic methods for ordering 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, SBC MISSOURI will provide pre-order, ordering and provisioning services equal in quality and speed (speed to be measured from the time SBC MISSOURI receives the service order from CLEC) to the services SBC MISSOURI provides to its end users for an equivalent service. When UNEs are ordered in combination or commingled arrangement, for example, loop and switch port~~,~~ the service must be supported by all the functionalities provided to SBC MISSOURI local exchange service customers. This will include but is not limited to, MLT testing, 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 SBC MISSOURI achieves when providing the equivalent end user services to an end user.

1.6 CLEC and SBC MISSOURI will use two types of orders to establish local service capabilities based upon a UNE architecture:

1.7.1 When CLEC orders an unbundled Local Switch Port, and does not order customized routing, SBC MISSOURI will provide CLEC access to SBC MISSOURI local network elements for the purposes of completing CLEC end user calls without the need for an order for the following Network Elements: Common Transport; Signaling and Call Related databases; and Tandem Switching. CLEC will pay the charges for usage of those elements in accordance with Appendix Pricing UNE – Schedule of Prices.

1.7.1.1 When CLEC utilizes UNE switching, SBC MISSOURI will not delete the associated LIDB database information (except as outlined in Attachment 6, Section 9.4.4.3.1) or–Directory Listings database information unless requested by CLEC. SBC MISSOURI will use a mechanized process to ensure that SBC MISSOURI directory listing, 911, and LIDB information for the end-user is not deleted during the process of converting that customer from service provided by SBC MISSOURI to service provided by a

CLEC. In addition, for directory listings, when CLEC submits local service requests (LSRs) for UNE loop and port combinations "as specified" or for "stand alone" UNE switch ports, CLEC will have the option of whether to populate the LSR Directory Listing ("DL") Form. Under these circumstances, SBC MISSOURI will treat non-submission of the DL Form as instruction to SBC MISSOURI that the CLEC's end-user listing(s) is to remain the same as the listing(s) currently appears in SBC MISSOURI directory listing databases.

1.7.2 Customer Specific unbundled Network Elements are Unbundled Network Elements provided by SBC MISSOURI to CLEC that are used to provide a Telecommunications Service to a single CLEC Customer. Customer Specific Unbundled Network Elements include the Local Loop. Provisioning orders, based upon OBF LSR forms, will be used in ordering and provisioning Customer Specific unbundled Network Elements. SBC MISSOURI 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), Switch Element Form (formerly Port Form) and Access Service Request form developed by the OBF.

1.8 SBC MISSOURI will provide CLEC, upon request and not more than once per quarter, an electronic compare file that will contain the subscriber information stored in the SBC MISSOURI 9-1-1 database for end-user customers served by CLEC through UNE switch ports. CLEC may request that electronic compare files be provided for all of CLEC's UNE switch port customer accounts in MISSOURI (sorted by NPA), or by specific NPA. At CLEC's option, SBC MISSOURI will provide the electronic compare file on diskette, or by e-mail to CLEC. The compare file will be created in accordance with NENA standards on data exchange. Requests for electronic compare files will be processed by SBC MISSOURI within 14 days of receipt of CLEC's request. CLEC will review the electronic compare file(s) for accuracy, and submit any necessary corrections to SBC MISSOURI via the appropriate 911 listing correction process. Should CLEC wish to obtain the 911 compare file more frequently than once per quarter, terms and conditions for such additional access will be mutually agreed by the parties.

2.0 ORDERING AND PROVISIONING INTERFACE (RENUMBERED)

2.1 Pre-order, Ordering and Provisioning requests for Unbundled Network Elements or Lawful Combinations provided by SBC MISSOURI to CLEC will be transmitted to the SBC MISSOURI Local Service Center (LSC). The SBC MISSOURI will respond to CLEC calls with the same level of service that SBC MISSOURI provides to their local exchange customers.

2.2 SBC MISSOURI 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) between 8 a.m. to 5:30 p.m. (CST) Monday through Friday (except holidays). SBC MISSOURI will respond to emergency requests for after hours provisioning via the LOC 24 hrs/day, 7 days a week.

2.2.1 SBC MISSOURI will provide ordering and provisioning services to CLEC for Unbundled Network Elements Monday through Friday from 8 a.m. to 5:30 p.m. (CST) through the LSC or the LOC as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that SBC MISSOURI provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday from 8:00 a.m. to 5:30 p.m. (CST),) ordering, and provisioning services. If CLEC requests that SBC MISSOURI perform such services, SBC MISSOURI will quote, within one (1) business day of the request, a **c**ost-based rate for the number of hours and materials estimated for such services. If CLEC accepts SBC MISSOURI' quote, SBC MISSOURI 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.

2.3 SBC MISSOURI 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 from 8:00 a.m. to 9:00 p.m. CST, Monday

through Friday) and 8:00 a.m. to 5:00 p.m. (Central Time) Saturday), 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 Change Management Process.

3.0 SBC MISSOURI 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.

3.1 SBC MISSOURI will provide the following to CLEC upon request:

3.1.1 Designed Layout Record Card for designed Unbundled Network Elements;

3.1.2 Where SBC MISSOURI 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 SBC MISSOURI, SBC MISSOURI will provide copies of notices containing information received by SBC MISSOURI to CLEC.

3.2 Each Party will use its best efforts to ensure that all of its representatives who receive inquiries regarding the other Party's services: (i) refer repair inquires to the other Party at a telephone number provided by that Party (ii) for other inquiries about the other Party's services or products, refer callers to telephone number(s) provided by that Party; and (iii) do not in any way disparage or discriminate against the other Party or its products or services.

3.3 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.

3.4 SBC MISSOURI and CLEC will work cooperatively in establishing and implementing practices and procedures regarding fraud and service annoyance handling.

3.5 SBC MISSOURI 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 SWBT from CLEC customers will be given a recording (or a live statement) directing them to call their local provider. To the extent SBC MISSOURI 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 SBC customers to a SBC MISSOURI designated number. CLEC and SBC MISSOURI will agree on the scripts to be used for this purpose.

4.0 ORDERING REQUIREMENTS

4.1 Upon CLEC's request through a Suspend/Restore order, SBC MISSOURI will suspend or restore the functionality of any unbundled Switch Port for any CLEC local service customer. In such instances, all unbundled Network Elements provided by SBC MISSOURI will remain intact. SBC MISSOURI will implement any restoration priority for unbundled Local Switching in a manner that conforms with CLEC requested priorities and any applicable regulatory policy or procedures. The charge for a Suspend/Restore order is reflected in Attachment 6, Appendix Pricing UNE - Schedule of Prices labeled "Service Order Charges - Unbundled Element."

4.2 SBC MISSOURI 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 to the extent that SBC MISSOURI provides such blocking capabilities to its customers and to the extent required by law.

4.3 There will be no "PIC Change Charge" in addition to the "New" or "Change" Service Order Charge, until a cost-based rate is determined by the Commission. A permanent rate will be established by the Commission in a subsequent proceeding**.**

4.4 Unless otherwise directed by CLEC, SBC MISSOURI will make every attempt to insure that all pre-assigned trunk or telephone numbers currently associated with that Element will be retained. To the extent such losses occur, SBC MISSOURI will work cooperatively with CLEC to remedy such occurrences over time.

4.4.1 When SBC MISSOURI has initiated a suspension on a SBC MISSOURI end user's account or disconnects an end user for nonpay, SBC MISSOURI will not release the telephone number being used by the end user until such time as the end user's account has been paid in full. Conversely, SBC MISSOURI agrees that when CLEC initiates a suspension on one of its end user's accounts or disconnects its end user for nonpay, SBC MISSOURI will abide by the same provisions regarding telephone number release.

4.5 SBC MISSOURI will provide CLEC with standard provisioning intervals for all unbundled Network Elements and combinations as compared to SBC MISSOURI customers for equivalent service. These intervals are found in Attachment 17.

4.6 For unbundled Local Switching, SBC MISSOURI will update the E911 service provider information and establish primary directory listing, in accordance with Attachment 19: White Pages Listings, appropriate for the unbundled Local Switching from CLEC's service order.

4.7 On a conversion as specified order, SBC MISSOURI will not require CLEC to provide data that SBC MISSOURI has not made available to CLEC, or that CLEC does not have reasonable access to otherwise. Except as outlined in Attachment 6, Section 9.4.4.3.1, SBC MISSOURI will not delete the associated LIDB database information or Directory Listings database information unless requested by CLEC. SBC MISSOURI will use a mechanized process to ensure that SBC MISSOURI' directory listing, 911, and LIDB information for the end-user is not deleted during the process of converting that customer from service provided by SBC MISSOURI to service provided by a CLEC. In addition, for directory listings, when CLEC submits local service requests (LSRs) for UNE loop and port combinations "as specified" or for "stand alone" UNE switch ports, CLEC will have the option of whether to populate the LSR Directory Listing ("DL") Form. SBC MISSOURI will treat non-submission of the DL Form as instruction to SBC MISSOURI that the CLEC's end-user listing(s) is to remain the same as the listing(s) currently appears in SBC MISSOURI' directory listing databases.

4.8 At such time that CLEC determines to use AIN features, the Parties will jointly determine Ordering and Provisioning procedures for AIN services.

5.0 PROVISIONING REQUIREMENTS

5.1 Except in the event an CLEC local service customer changes their local service provider to another LSP or SBC MISSOURI, SBC MISSOURI 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 SBC MISSOURI regarding a change in CLEC service will be advised to contact CLEC. Any SBC MISSOURI customer who contacts CLEC regarding a change in SBC MISSOURI service will be advised to contact SBC MISSOURI. In those instances when any CLEC local service customer changes their local service provider to another LSP or SBC MISSOURI, CLEC will be notified as described in the Line Loss Notification process, contained in Local Account Maintenance Methods and Procedures dated July 29, 1996, or as otherwise may be agreed to by the Parties.

5.2 Upon request from CLEC, SBC MISSOURI will provide an intercept referral message that includes any new telephone number of an CLEC end user for the same period of time that SBC MISSOURI provides such messages for its own end users. CLEC and SBC MISSOURI will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by SBC MISSOURI for its own end users.

5.3 Where available, SBC MISSOURI 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 Combinations ordered by CLEC.

5.4 Any written "leave behind" materials that SBC MISSOURI technicians provide to CLEC local customers will be non-branded materials that do not identify the work being performed as being SBC MISSOURI'. These materials will include, without limitation, non-branded forms for the customer and non-branded "not at home" cards. "CLEC branded" materials, to be utilized by SBC MISSOURI installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to SBC MISSOURI by and at the sole expense of CLEC. SBC MISSOURI will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that SBC MISSOURI, including individual SBC MISSOURI technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by SBC MISSOURI or the technician.

5.5 SBC MISSOURI technicians will refer CLEC local customers to their local service provider, if an CLEC local customer requests a change to service at the time of installation. When a SBC MISSOURI employee visits the premises of a CLEC local customer, the SBC MISSOURI employee must inform the customer that he or she is there acting on behalf of their CLEC**.**

5.6 SBC MISSOURI 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.

5.7 When CLEC orders Elements or Combinations that are currently interconnected and functional, such Elements and Combinations will remain interconnected and functional without any disconnection and without loss of feature capability and without loss of associated Ancillary Functions. This will be known as Contiguous Interconnection of 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 Appendix Pricing UNE – Schedule of Prices.

5.7.1 "Contiguous Network Interconnection of Network Elements" includes, without limitation, the situation when CLEC orders all the SBC MISSOURI Network Elements required to convert a SBC MISSOURI 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 SBC MISSOURI (or by CLEC on a resale basis) at the time of the order or (b) with only the change needed to route the customer's operator service and directory assistance calls to the CLEC OS/DA platform via customized routing and/or changes needed in order to change a local switching feature~~,~~ (e.g., call waiting), (This section only applies to orders involving customized routing after customized routing has been established to an CLEC OS/DA platform from the relevant SBC MISSOURI local switch, including CLEC's payment of all applicable charges to establish that routing**.**) 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 SBC MISSOURI local switch. SBC MISSOURI will treat recent change orders necessary to provision CLEC orders under this section at parity with recent change orders executed to serve SBC MISSOURI end-user customers, in terms of scheduling necessary service interruptions so as to minimize inconvenience to end-user customers.

5.8 When CLEC orders Unbundled Local Switching, CLEC may also obtain all installed technically available features and functions from the specified SBC MISSOURI switch (e.g., CLASS, and LASS features).

6.0 PERFORMANCE REQUIREMENTS

6.1 When CLEC places an LSR, CLEC will specify a requested Due Date (DD), and SBC MISSOURI 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. SBC MISSOURI 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 Attachment 6, Appendix Pricing UNE Schedule of Prices labeled "Service Order Charges - Unbundled Element Expedited". SBC MISSOURI will not complete the order prior to the DD or later than the DD unless authorized by CLEC. CLEC and SBC MISSOURI 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. SBC MISSOURI will notify CLEC of any modifications to these contacts one (1) week in advance of such modifications.

6.2 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 SBC MISSOURI 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 Attachment 6, Appendix Pricing UNE Schedules of Prices labeled "Service Order Charges – Unbundled Element Due Date Change".

6.3 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 SBC MISSOURI 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 Attachment 6, Appendix Pricing UNE Schedules of Prices labeled "Service Order Charges – Unbundled Element Cancel".

6.4 When CLEC or patron/end-user is not ready for service by or on the Due Date (DD), and SBC MISSOURI 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 Appendix Pricing UNE **-** Schedules of Prices labeled "Service Order Charges – Unbundled Element Customer Not Ready".

7.0 INTERVALS FOR ORDER COMPLETION FOR UNE AND OTHER ITEMS

7.1 SBC MISSOURI will provide Performance Measurements as outlined in Attachment 17 Performance Measures within this Agreement.

8.0 PRICING

8.1 CLEC may request that a billing item be investigated on the SBC MISSOURI 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 SBC MISSOURI Local Service Center (LSC). The SBC MISSOURI LSC will perform investigation on each disputed item. Credits will be applied to the CLEC's bill for disputed billing items that the SBC MISSOURI 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 [1]

Function	Loop	PNP	Loop w/PNP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
PRE-ORDER								
Address Verification	X	X	X	X	X	X	X	X
Service/Feature Availability	X	X	X	X	X	X	X	X
Telephone Number Assignment	X	X	X	X	X	X	X	X
Dispatch Schedule	X	X	X	X	X	X	X	X
Due Date	X	X	X	X	X	X	X	X
Customer Service Record	X	X	X	X	X	X	X	X
ORDERING & PROVISIONING								
Conversion as Specified	X[1,6,7,8]	X[2]	X[1,6,7,8]	X[1,4]	X[1,4,6,8]	X[1,4,6,7]	X[9]	X
Add/Disc Class Features				X	X	X		
Add/Disc Blocking (e.g.,1+, 0+, 011, 900, 976)				X	X	X		
PIC and PIC Freeze				X	X	X		
Add/Disc Lines	X	X[3]	X[,3]	X[5]	X	X		X[11]
Directory Listing - White – Straight Line	X	X	X	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X	X	X	X		X
Partial Migration (Line/WTN vs. Account Level)	X	X	X	X	X	X		X[11]
Type of Port (e.g. POTS, ISDN)				X	X	X		
Line Conditioning	X		X		X	X		
With / Without Diversity	X		X		X	X	X	

[1] Although the Commission did not specifically rule upon the competing language of the parties for this table, the parties conformed their agreement in accordance with the language in the arbitrator's report related to UNE 6. By including the CLEC language in this section, SBC Missouri is in no way waiving its right to appeal from the decision of the Commission.

Function	Loop	PNP	Loop w/PNP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
With / Without Clear Channel Capability	X[10]		X[10]		X[10]	X[10]	X	
New Connects	X	*X*[3]	X,[3]	X[5]	X	X	X	*X*
Single Line	X		X,[3]		X	X		
Multi-Line (Less Than 30 Lines)	X		X,[3]		X	X		
Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	X		X,[3]		X	X		
Disconnects	X	*X*	X	X	X	X	X	*X*
Change Orders	X	*X*	X	X	X	X	X	*X*
Add/Disc Class Features				X	X	X		
Simple Number Change		*X*	X	X	X	X		
Add/Disc Blocking				X	X	X		
PIC and Local PIC Change				X	X	X		
Add/Disc Lines	X	*X*[3]	X,[3]	X[5]	X	X		*X*[11]
Directory Listing - White – Straight Line	X	*X*	X	X	X	X		*X*
Directory Listing - White – Other than Straight Line	X	*X*	X	X	X	X		*X*
Suspend/Restore Non-Payment				X	X	X		
Suspend/Restore Vacation Svc.				X	X	X		
Type of Port (e.g. POTS, ISDN)				X	X	X		
Line Conditioning	X		X		X	X		
With / Without Diversity	X		X		X	X	X	
With / Without Clear Channel Capability	X[10]		X[10]		X[10]	X[10]	X	
Records Only Order	X	*X*	X	X	X	X	X	*X*

Function	Loop	PNP	Loop w/PNP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
T&F Order					X	X		
Outside Move	X		X		X	X	X	
Inside Move	X		X		X	X		
POST SERVICE ORDER EDI TRANSACTIONS								
Supplemental Orders	X	*X*	X	X	X	X	X	*X*
Firm Order Confirmation (FOC)	X	*X*	X	X	X	X	X	*X*
Jeopardies	X	*X*	X	X	X	X	X	*X*
Rejects	X	*X*	X	X	X	X	X	*X*
Order Completion	X	*X*	X	X	X	X	X	*X*

Footnotes:

1. Existing SBC MISSOURI customer, existing CLEC TSR customer, existing CLEC TSR customer, existing CLEC UNE (port and loop) customer.
2. Existing SBC MISSOURI number or existing CLEC PNP number.
3. “Numbers” should be substituted for “lines”
4. Existing CLEC Unbundled Loop customer
5. “Ports” should be substituted for “lines”
6. Existing CLEC Unbundled Switch Port customer
7. Existing CLEC UNE Loop w/Port +OS/DA customer
8. Existing CLEC UNE Loop w/Port -OS/DA customer
9. Existing CLEC leased facility
10. Only applies to DS-1 loops
11. "Directory Listings" should be substituted for "lines"

ATTACHMENT 8: MAINTENANCE - UNBUNDLED NETWORK ELEMENTS

1.0 GENERAL REQUIREMENTS

1.1 SBC MISSOURI will provide repair, maintenance, testing, and surveillance for all unbundled Network Elements and any Combinations of Network Elements (Combinations) and Commingled Network Elements (Commingled Elements) as described in Attachment 6 of the Agreement in accordance with the terms and conditions of this Attachment. As used herein and in Attachment 6, the term "Unbundled Network Elements" (whether or not used with initial caps) and "UNEs" include those network elements that are required to be unbundled under Section 251 and those required to be unbundled under Section 271 of the Telecommunications Act.

2.0 MAINTENANCE REQUIREMENTS

2.1 SBC MISSOURI will provide maintenance for all unbundled Network Elements Combinations and Commingled Elements ordered under this Agreement at levels equal to the maintenance provided by SBC MISSOURI in serving its end user customers, consistent with Attachment 6 UNE, 2.6 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 or any MISSOURI Commission-ordered performance measures.

3.0 REPAIR SERVICE RESPONSE

3.1 SBC MISSOURI technicians will provide repair service on Unbundled Network Elements Combinations, and Commingled Unbundled Network Elements that is at least equal in quality to that provided to SBC MISSOURI customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of SBC MISSOURI customers. CLEC and SBC MISSOURI agree to use the severity and priority restoration guidelines set forth in SBC MISSOURI MMP 94-08-001 dated April 1996, and as subsequently modified. Performance Measurements are found in Attachment 17.

4.0 INTERCOMPANY COMMUNICATIONS

4.1 The SBC MISSOURI Network Management Service Center ("NMSC") will notify CLEC of the existence, location, and source of all emergency network outages affecting CLEC customers. The CLEC may call the SBC MISSOURI 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.

5.0 EMERGENCY RESTORATION

5.1 SBC MISSOURI 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 LOC, the LOC will notify the affected CLEC;

5.1.1 establishment of the SBC MISSOURI LOC 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 and 251(c)(3) UNEs restoration process;

5.1.2 methods and procedures for reprovisioning of all Resale services and UNEs after initial restoration. SBC MISSOURI agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with SBC MISSOURI TSP services for restoration. SBC MISSOURI will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services in as expeditious a manner as possible on a non-discriminatory basis to respond to and recover from emergencies or disasters.

6.0 MISDIRECTED REPAIR CALLS

6.1 All misdirected repair calls to SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI' 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 SBC MISSOURI customers to a SBC MISSOURI 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.

7.0 REPAIR PROCEDURES

7.1 SBC MISSOURI agrees to the following:

7.2 SBC MISSOURI will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the LOC) twenty-four (24) hours per day, seven (7) days per week.

7.4 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.

7.5 While in manual mode operation, SBC MISSOURI will provide CLEC "estimated time to restore." The SBC MISSOURI LOC 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 SBC MISSOURI for a maximum of four months after CLEC's market entry date in SBC MISSOURI states, or until this capability is available through EBI, or until CLEC elects to utilize the Toolbar program to obtain this status. Manual jeopardy status information will be provided during any outage or failure in OSS**.** The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to the CLEC CNSC by 8 a.m. Central Time Zone) and will include all "closed tickets" from the previous day (including No Access and closed troubles).

7.6 When SBC MISSOURI responds to a CLEC trouble ticket with "no trouble found," CLEC may request a joint test to be conducted by an SBC MISSOURI technician and, at CLEC's discretion, either a CLEC technician, a vendor technician and/or CLEC's NOC.

7.7 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC NMC within one (1) hour.

7.8 For network outages other than emergency outages, the performance measurements established in Attachment 17 Performance Measures will govern.

7.9 For purposes of this Section, facilities and equipment provided to CLEC through an Unbundled Network Element Combination, or Commingled Elements is considered restored or a trouble resolved when the quality of Unbundled Network Element Combination, or Commingled Elements is equal to that provided before the outage or the trouble occurred and any discovered defect is repaired.

8.0 ESCALATION PROCEDURES

8.1 SBC MISSOURI 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 SBC MISSOURI management personnel who are responsible for maintenance issues. CLEC acknowledges that the procedures set forth in SBC MISSOURI' LOC POTS Escalation/Expedite Maintenance Procedures dated May 6, 1996, and LOC escalation contact list meet the requirements of this Section.

9.0 PREMISES VISIT PROCEDURES

9.1 SBC MISSOURI Maintenance of Service Charges, when applicable, will be billed by SBC MISSOURI to CLEC, and not to CLEC's end-user customers.

9.2 Dispatching of SBC MISSOURI technicians to CLEC Customer premises shall be accomplished by SBC MISSOURI pursuant to a request received from CLEC.

9.3 When a SBC MISSOURI employee visits the premises of a CLEC local service customer, the SBC MISSOURI employee must inform the customer that he or she is there acting on behalf of their local service provider. Materials left at the customer premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that SBC MISSOURI was on their premises acting on behalf of their local service provider.

9.4 If a trouble cannot be cleared without access to CLEC's local service customer's premises and the customer is not at home, the SBC MISSOURI technician will leave at the customer's premises a non-branded "no access" card requesting the customer to call CLEC for rescheduling of repair.

10.0 TESTING

10.1 All Unbundled Network Elements and/or Combination of Element troubles determined not to be end-user customer related or in CLEC's provided network facilities will be reported by CLEC to SBC MISSOURI. Upon receipt of a trouble report on Network Element(s), SBC MISSOURI will test and sectionalize all elements purchased from (or provided by) SBC MISSOURI. If SBC MISSOURI determines that a trouble is isolated or sectionalized in network facilities provided by CLEC, then SBC MISSOURI will refer the trouble ticket back to the CLEC Work Center (CNSC) for handling. SBC MISSOURI shall support CLEC's request for a joint test, as described in Section 7.7.

10.2 SBC MISSOURI 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 SBC MISSOURI and CLEC under which they will work together.

10.3 MLT Testing

SBC MISSOURI agrees to provide access to MLT testing to allow CLEC to test its end user lines for which SBC MISSOURI has combined UNEs, and for end user lines that CLEC has combined UNEs obtained from SBC MISSOURI, as follows:

10.3.1 MLT testing functionality is available through SBC MISSOURI's Toolbar Trouble Administration to allow CLEC to test its end user lines for which SBC MISSOURI combines POTS-like UNEs (analog line side port and 2-wire 8db analog loop) purchased by CLEC from SBC MISSOURI.

10.3.2 MLT testing functionality is available through its Toolbar Trouble Administration to allow CLEC to test its end user lines for POTS-like UNEs (analog line side port and 2-wire 8db analog loop) combined by CLEC and purchased from SBC MISSOURI.

11.0 PRICING

11.1 Charges for the relevant services provided under this Attachment are included in Attachment 6, Appendix Pricing UNE - Schedule of Prices.

ATTACHMENT 9: BILLING – OTHER

1.0 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.

2.0 Billing Information and Charges for UNE

2.1 SBC MISSOURI will bill in accordance with this Agreement those charges CLEC incurs as a result of CLEC purchasing from SBC MISSOURI 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 (BAN) 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI will assign to CLEC one Billing Account Number (BAN) per LATA.

3.0 Issuance of UNE Bills

3.1 SBC MISSOURI will issue all bills in accordance with the terms and conditions set forth in this Section. SBC MISSOURI will establish monthly billing dates (Bill Date) for each BAN, as further defined in the CABS documents and EDI/BOS document (e.g. AIN), which Bill Date will be the same day month to month. Each BAN will remain constant from month to month, unless changed as agreed to by the Parties. SBC MISSOURI will provide CLEC at least thirty (30) calendar days written notice prior to changing, adding or deleting a BAN. SBC MISSOURI will provide one invoice associated with each BAN. 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 by the Chase Manhattan Bank of New York (or such other bank as the Parties may agree) 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 SBC MISSOURI will issue all bills containing billing data and information in accordance with CABS Version 26.0 with exceptions noted in the Differences List, or such later versions of CABS as are published by Bleacher, or its successor, and as further described in AT&T's publication, Unbundled Network Elements Interconnections Interface Requirements, (Sept. 19, 1996) (hereafter AT&T UNE Interface Specifications). 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 SBC MISSOURI 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 SBC MISSOURI'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.

4.0 Electronic Transmissions

4.1 SBC MISSOURI 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 SBC MISSOURI 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. SBC MISSOURI must provide CLEC/Alpharetta its Connect:Direct Node ID and corresponding VTAM APPL ID before the first transmission of data via Connect:Direct. CLEC's Connect:Direct Node ID is "NDMATTA4" and VTAM APPL ID is "NDMATTA4" and must be included in SBC MISSOURI's Connect:Direct software. CLEC will supply to SBC MISSOURI its RACF ID and password before the first transmission of data via Connect:Direct. 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.

4.2 The following dataset format will be used as applicable for those charges transmitted via Connect:Direct in CABS format:

Production Dataset

AF25.AXXXXYYY.AZZZ.DDDEE	Production Dataset Name
AF25 =	Job Naming Convention
AXXXX =	Numeric Company Code
YYY =	SBC MISSOURI Remote
AZZZ =	RAO (Revenue Accounting Office)
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)
EE =	thru 31 (Bill Period) (optional) Or GA (US Postal-State Code)

Test Dataset

AF25.ATEST.AXXXX.DDD	Test Dataset Name
AF25.ATEST =	Job Naming Convention
AXXXX =	Numeric Company Code
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)

5.0 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 magnetic tape or paper (as agreed to by CLEC and SBC MISSOURI). 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.

6.0 Testing Requirements

6.1 At least 90 days prior to changing transmission mediums (e.g., from paper to mechanized), SBC MISSOURI 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. SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI if the billing transmission meets testing specifications. If the transmission fails to meet the agreed testing specifications, SBC MISSOURI will make the necessary corrections. At least three (3) sets of testing data must meet the mutually agreed testing specifications prior to SBC MISSOURI sending a mechanized production bill for the first time via electronic

transmission. Thereafter, SBC MISSOURI may begin sending CLEC mechanized production bills on the next Bill Date, or within ten (10) days, whichever is later.

7.0 Additional Requirements

7.1 If SBC MISSOURI transmits data in a mechanized format, SBC MISSOURI will comply with the following specifications which are not contained in CABS or EDI/BOS guidelines but which are necessary for CLEC to process billing information and data:

(a) The BAN 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.

8.0 Bill Accuracy Certification

8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire billing process, SBC MISSOURI will be responsible and accountable for transmitting to CLEC an accurate and current bill. For the purposes of this Agreement, CLEC and SBC MISSOURI 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.

9.0 Payment of Charges

9.1 Subject to the terms of this Agreement, CLEC will pay within thirty (30) calendar days from the Bill Date, or twenty (20) calendar days from the receipt of the bill, whichever is greater. 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 SBC MISSOURI's bank account. At least thirty (30) days prior to the first transmission of billing data and information for payment, SBC MISSOURI will provide the name and address of its bank, its account and routing number and to whom 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. SBC MISSOURI desires electronically transferred funds and remittances via automated clearinghouse (ACH) standard EDI transaction sets. CLEC agrees to provide such automated remittances if and when CLEC develops such capability. CLEC will provide SBC MISSOURI with one address to which such payments will be rendered and SBC MISSOURI will provide CLEC with one address to which such payments will be rendered. In the event CLEC receives multiple and/or other bills from SBC MISSOURI which are payable on the same date, CLEC may remit one payment for the sum of all such bills payable to SBC MISSOURI's bank account specified in this subsection and CLEC will provide SBC MISSOURI with a payment advice. Each Party will provide the other Party with a contact person for the handling of billing payment questions or problems.

10.0 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 and in accordance with the Certification Agreement mutually developed out of Section 8 to this Attachment, CLEC or its authorized representatives may examine SBC MISSOURI's documents, systems, records and procedures which relate to the billing of the charges under this Attachment.

11.0 Meet Point Billing

11.1 CLEC and SBC MISSOURI will establish and maintain meet-point billing (MPB) arrangements in accordance with the Meet Point Billing guidelines adopted by and contained in the OBF's MECAB and MECOD documents, except as modified herein. Each Party will maintain provisions in its respective federal and state access tariffs, and/or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff to reflect the MPB arrangements identified in this Agreement, including MPB percentages.

11.2 CLEC and SBC MISSOURI will implement the Multiple Bill/Single Tariff option. 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.

11.3 In the case of tandem routing, the tandem company will provide to the end office company the billing name, billing address, and carrier identification code (CIC) of the Interexchange Carriers (IXCs) in order to comply with the MPB Notification process as outlined in the MECAB document. Such information will be provided, on a one-time basis, in the format and via the medium that the Parties agree. In the event that the end office company is unable to ascertain the IXC to be billed, the tandem company will work with the end office company to identify the proper entity to be billed.

11.4 SBC MISSOURI and CLEC will record and transmit MPB information in accordance with the standards and in the format set forth in this Attachment. SBC MISSOURI and CLEC will coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers for the MPB arrangements described in this Agreement. Each Party will notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number.

11.5 This Section Intentionally Left Blank.

11.6 Each Party will provide access usage records to the other Party within ten (10) business days of the recording. The IBC will provide the summary usage records (SURs) to the subsequent billing company within ten (10) business days of sending IBC bills to the IXC.

11.7 Each Party agrees to provide the other Party with notification of any discovered errors within ten (10) business days of the discovery. The appropriate Party will correct the error within ninety (90) calendar days of notification and resubmit the data. In the event the errors cannot be corrected within the time period specified above, the erroneous data will be considered lost.

11.8 Both Parties will provide the other a single point of contact to handle any MPB questions and will not charge for billing inquiries.

11.9 The Parties will work cooperatively to establish a method of recording for purposes of MPB in a facilities based environment not later than thirty (30) days after the Effective Date of the Agreement.

12.0 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.

12.3 **Intentionally Left Blank**

13.0 Pricing

Charges for the relevant services provided under this Attachment and prices for access to OSS are included in Attachment 6 Appendix Pricing - UNE Schedule of Prices.

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Unbundled Loops				
1	2W Analog Zone 1	$ 12.71	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 2	$ 18.64	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 3	$ 19.74	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 4	$ 16.41	$ 19.55	$ 8.32	U21
1	Conditioning for dB Loss	$ 6.63	$ 17.54	$ 8.58	UL2
1A	4W Analog Zone 1	$ 17.81	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 2	$ 31.82	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 3	$ 55.04	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 4	$ 27.07	$ 21.58	$ 8.32	U4H
1	2W Digital Zone 1	$ 25.79	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 2	$ 37.89	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 3	$ 52.60	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 4	$ 37.30	$ 43.33	$ 22.67	U2Q
1A	DS1 Loop Zone 1	$ 91.06	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 2	$ 95.45	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 3	$ 97.10	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 4	$ 91.25	$ 102.47	$ 40.46	U4D1X
	DS3 Loop Zone 1	$ 819.86	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 2	$ 1,122.13	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 3	$ 1,176.81	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 4	$ 1,127.98	$ 845.75	$ 375.03	U4D3X
	xDSL Capable Loops				
	2 Wire xDSL Loop Zone 1	$ 12.71	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 2	$ 18.64	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 3	$ 19.74	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 4	$ 16.41	$ 19.55	$ 8.32	
	4 Wire xDSL Loop Zone 1	$ 17.81	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 2	$ 31.82	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 3	$ 55.04	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 4	$ 27.07	$ 21.58	$ 8.32	
	IDSL Capable Loops				
	IDSL Loop Zone 1 (Rural)	$ 25.79	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 2 (Suburban)	$ 37.89	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 3 (Urban)	$ 52.60	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 4 (Urban SpringField)	$ 37.30	$ 43.33	$ 22.67	UY5FX

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Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Loop Qualification Process				
	Loop Qualification Process - Mechanized	N/A	$ -	N/A	NR98U
	Loop Qualification Process - Manual	N/A	$ 84.15	N/A	NRBXU
	xDSL Conditioning Options				
	xDSL standard conditioining Charge applied per each xDSL Loop activation.	None	$ 8.41	NA	NHCLO
	Removal of All Bridged Tap (RABT) - MMP				
	Remove of aAll Bridged Tap xDSL Loop 12Kft. To 17.5Kft.	$ 876.63	None	None	NRMRP
	Remove Non-Excessive Bridged Tap xDSL Loops 0Kft. To 17.5Kft.	$ 338.64	None	None	NRMRJ
	Remove All Bridged Tap xDSL Loop > 17.5Kft. - per element	$ 338.64	None	None	NRMRM
	Remove Non-Excessive Bridged Tap xDSL Loop > 17.5Kft. - per element	$ 338.64	None	None	NRMRS
	xDSL Cross Connects				
	xDSL 2 Wire Shielded Loop to Collocation	$ 0.80	$ 19.96	$ 12.69	UXRRX
	2-Wire DSL Non-Shielded Cross Connect to Collocation - no test	$ 0.31	$ 19.96	$ 12.69	UCX92
	4-Wire DSL Non-Shielded Cross Connect to Collocation - no test	$ 0.63	$ 25.38	$ 17.73	UCX94
	2-Wire Digital Non-Shielded Cross Connect to Collocation - no test	$ 0.31	$ 19.96	$ 12.69	
	LST				
	LST performed on CODSLAM Loop	none	$ 234.50	none	URCLD
	LST performed on Sub Loop	none	$ 227.49	none	URCLB
	CROSS CONNECTS				
1	Analog Loop to Collo 4W w/o testing	$0.63	$25.38	$17.73	UCXD4
1	Digital Loop to Collo 2W	$1.89	$26.87	$22.08	(UCXC2) under development
1	DS1Loop to Collo 4W	$9.00	$45.03	$34.16	UDLY4
7	Loop to Multiplexer - 4-Wire Install	$ 14.51	$ 88.76	$ 70.59	
7	Loop to Multiplexer - 4-Wire Disconnect		$ 14.10	$ 11.60	
1B	DS3 Loop Crossconnect - Install	$ 30.08	$ 54.98	$ 42.09	
	SubLoop Distribution				
1	2W Analog Zone 1	$ 6.69	$ 85.08	$ 35.46	
1	2W Analog Zone 2	$ 10.68	$ 85.08	$ 35.46	
1	2W Analog Zone 3	$ 12.92	$ 85.08	$ 35.46	
1	2W Analog Zone 4	$ 22.78	$ 85.08	$ 35.46	
1	2W Digital Zone 1	$ 9.63	$ 86.76	$ 38.57	
1	2W Digital Zone 2	$ 13.63	$ 86.76	$ 38.57	

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
1	2W Digital Zone 3	$ 15.86	$ 86.76	$ 38.57	
1	2W Digital Zone 4	$ 25.70	$ 86.76	$ 38.57	
1	4W Digital Zone 1	$ 4.68	$ 131.83	$ 52.08	
1	4W Digital Zone 2	$ 6.23	$ 131.83	$ 52.08	
1	4W Digital Zone 3	$ 10.05	$ 131.83	$ 52.08	
1	4W Digital Zone 4	$ 22.41	$ 131.83	$ 52.08	
	Routine Network Modifications	None	ICB	NA	
	RESALE - Customized Routing				
3	Customized Routing Per Originating Query	$ 0.003961			
3	CLEC order for Customized Routing per switch	None	$ 6.53	None	
	Centrex				
3	Translations per Centrex Customer - 5ESS	None	$ 284.33	None	
3	Translations per Centrex Customer - DMS100	None	$ 105.09	None	
	POTS				
3	POTS Translations per 5ESS office	None	$ 43.27	None	
3	POTS Translations per DMS100 office	None	$ 70.46	None	
	NONRECURRING COST - DISCONNECT				
3	CLEC order for Customized Routing per switch	None	$ 6.53	None	
	Centrex				
3	Translations per Centrex Customer - 5ESS	None	$ 154.53	None	
3	Translations per Centrex Customer - DMS100	None	$ 105.09	None	
	POTS				
3	POTS Translations per 5ESS office	None	$ 43.27	None	
3	POTS Translations per DMS100 office	None	$ 70.46	None	
	Service Order Charges - Unbundled Elements				
	Manual Service Order Type Charges - Unbundled Elements				
2	New Simple	None	$ 12.56	None	NRBUQ
2	New Complex	None	$ 74.90	None	NRBUR
2	Change Simple	None	$ 4.91	None	NRBUO
2	Change Complex	None	$ 74.90	None	NRBUP
2	Record Simple	None	$ 6.28	None	NRBUU
2	Record Complex	None	$ 6.28	None	NRBUV
2	Disconnect Simple	None	$ 5.32	None	NRBUW
2	Disconnect Complex	None	$ 27.29	None	NRBUX
2	Suspend Simple	None	$ 2.52	None	NRBJZ
2	Suspend Complex	None	$ 2.52	None	NRBJ7

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Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
2	Restore Simple	None	$ 2.52	None	NRBJ9
2	Restore Complex	None	$ 2.52	None	NRBJ8
2	Expedited Simple	None	$ 12.60	None	NRMV1
2	Expedited Complex	None	$ 12.60	None	NRMV2
2	Due Date Change Simple	None	$ 4.20	None	NRMV3
2	Due Date Change Complex	None	$ 4.20	None	NRMV4
2	Cancellation Simple	None	$ 4.20	None	NRMV3
2	Cancellation Complex	None	$ 4.20	None	NRMV4
4	PIC Change Charge		$ 5.83	$ 1.52	NRBL9
	Electronic - UNE Service Order Type Charges				
7	Electronic - UNE Service Order	None	$ 2.92	None	NR9W2
7	Suspend Simple	None	$ 0.12	None	NRBJ5
7	Suspend Complex	None	$ 0.12	None	
7	Restore Simple	None	$ 0.12	None	NRBJ6
7	Restore Complex	None	$ 0.12	None	
7	Expedited Simple	None	$ 6.43	None	NRMV7
7	Expedited Complex	None	$ 6.43	None	NRMVX
7	Due Date Change Simple	None	$ 2.14	None	NRMV8
7	Due Date Change Complex	None	$ 2.14	None	NRMVZ
7	Cancellation Simple	None	$ 2.14	None	NRMV8
7	Cancellation Complex	None	$ 2.14	None	NRMVZ
	Interconnection Dedicated Transport				NIM1
	DS1 Entrance Facilities				
	Zone 1 - Install	$ 79.39	$ 261.35	$ 127.19	
	Zone 1 - Disconnect		$ 118.42	$ 17.34	
	Zone 2 - Install	$ 80.10	$ 261.35	$ 127.19	
	Zone 2 - Disconnect		$ 118.42	$ 17.34	
	Zone 3 - Install	$ 83.80	$ 261.35	$ 127.19	
	Zone 3 - Disconnect		$ 118.42	$ 17.34	
	Zone 4 - Install	$ 78.70	$ 261.35	$ 127.19	
	Zone 4 - Disconnect		$ 118.42	$ 17.34	
	DS3 Entrance Facilities				
	Zone 1 - Install	$ 180.48	$ 256.36	$ 92.36	
	Zone 1 - Disconnect		$ 141.40	$ 35.07	
	Zone 2 - Install	$ 198.10	$ 256.36	$ 92.36	
	Zone 2 - Disconnect		$ 141.40	$ 35.07	

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Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Zone 3 - Install	$ 287.97	$ 256.36	$ 92.36	
	Zone 3 - Disconnect		$ 141.40	$ 35.07	
	Zone 4 - Install	$ 181.54	$ 256.36	$ 92.36	
	Zone 4 - Disconnect		$ 141.40	$ 35.07	
	Dedicated Transport - Interoffice Transport				
1A	DS1 Transport I/O First mile - zone 1	$ 46.85	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 2	$ 70.87	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 3	$ 71.61	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 4	$ 42.78	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 1	$ 0.51	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 2	$ 1.36	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 3	$ 1.60	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 4	$ 0.19	$ 174.43	$ 118.14	
1A	DS1 Interzone First mile	$ 81.61	$ 174.43	$ 118.14	
1A	DS1 Interzone - Additional mile	$ 0.97	$ 174.43	$ 118.14	
1A	DS 3 Transport I/O First mile - zone 1	$ 754.05	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 2	$ 1,486.67	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 3	$ 1,670.39	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 4	$ 643.14	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 1	$ 12.75	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 2	$ 46.01	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 3	$ 79.54	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 4	$ 16.16	$ 170.28	$ 130.07	
1A	DS 3 Interzone - First mile	$ 1,924.75	$ 170.28	$ 130.07	
1A	DS 3 Interzone - Additional mile	$ 21.08	$ 170.28	$ 130.07	
	Dark Fiber - Interoffice				
1	Zone 1 per fiber per foot per month	$ 0.002085	None	None	
1	Zone 2 per fiber per foot per month	$ 0.003156	None	None	
1	Zone 3 per fiber per foot per month	$ 0.004752	None	None	
1	Zone 4 per fiber per foot per month	$ 0.002085	None	None	
1	Dark Fiber Interoffice per Strand	$ 53.80	$ 1,653.68	$ 1,653.68	
	Dark Fiber Cross Connect - Interoffice	$ 6.87	$ 81.04	$ 81.04	
	Dark Fiber InterOffice Inquiry	None	$ 580.11	$ 580.11	
	Multiplexing - All Zones				
	DS1 to Voice Grade - Install	$ 177.78	$ 86.04	$ 68.43	

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Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	DS1 to Voice Grade - Disconnect		$ 13.51	$ 11.65	
	DS3 to DS1 - Install	$ 437.11	$ 201.77	$ 156.50	
	DS3 to DS1 - Disconnect		$ 44.51	$ 32.12	
	Dedicated Transport Cross Connect				
2	DS1 with test equipment - Install	$ 14.51	$ 96.26	$ 64.42	
7	DS1 with test equipment - Disconnect		$ 22.84	$ 19.11	
1	DS3	$ 30.08	$ 54.98	$ 42.90	
1	**Mechanized UNE Service Order Charge**	None	$ 5.00	None	
	Maintenance of Service Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	MVV
4	Overtime - per half hour	None	$ 36.35	$ 26.73	MVV
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	MVV
	Time and Materials Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	ALK, ALT,ALH
4	Overtime - per half hour	None	$ 36.35	$ 26.73	ALK, ALT,ALH
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	ALK, ALT,ALH
	Nonproductive Dispatch Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	
4	Overtime - per half hour	None	$ 36.35	$ 26.73	
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	
	Miscellaneous				
2	Performance Data	ICB	ICB	ICB	
2	Special Request Processing	ICB	ICB	ICB	
	BCR				
4	Per local message	$ 0.08	None	None	Not Applicable
4	Per interstate local message	$ 0.050	None	None	Not Applicable
	Clearinghouse				
4	Per originating message	$ 0.02	None	None	Not Applicable
4	Per end user message billed	$ 0.05	None	None	Not Applicable
	Recording				
4	Recording/Access Usage Record	$0.00	None	None	

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Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
4	Assembly and Editing per Message	$0.00	None	None	
4	Rating per Message	$0.00	None	None	
4	Message Processing per Message	$0.00	None	None	
4	Provision of Message Detail per record	$0.00	None	None	
4	Source Info Provided per record furnished - meet point billing applicable	$0.00	None	None	
4	Source Info Provided per record furnished - meet point billing not applicable	$0.00	None	None	
	Hosting				
4	Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0020	None	None	Not Applicable
4	Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0050	None	None	Not Applicable
4	Non-Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0100	None	None	Not Applicable
4	Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0070	None	None	Not Applicable
4	Non-Full Status RAO Company - Delivery per record charge per billable mssg.	$ 0.0030	None	None	Not Applicable
	E911				
4	Feature per 1000 lines - ANI to SWBT PSAP	$ 10.00	$ 80.00	None	
4	Feature per 1000 lines - ANI to Non-SWBT PSAP	$ 10.00	$ 80.00	None	
4	Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	$ 51.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	$ 51.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and ALI to SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None	
4	Trunk Charge per channel	$ 58.00	$ 170.00	None	
	INTERCARRIER COMPENSATION				
	The following rates are applicable for Section 251(b)(5) Traffic if-				
	Option 1 is elected:				
	End Office Switching				
1A	Zone 1 Urban (STL, KS)	$ 0.001620	none	none	
1A	Zone 2 Suburban	$ 0.001949	none	none	
1A	Zone 3 Rural	$ 0.002807	none	none	
1A	Zone 4 Urban Springfield	$ 0.002391	none	none	
	Tandem Switching				
1A	Duration charge, per MOU	$ 0.001231	None	None	
	Tandem Transport Termination				

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
1A	Termination MOU Zone 1	$ 0.000155	None	None	
1A	Termination MOU Zone 2	$ 0.000232	None	None	
1A	Termination MOU Zone 3	$ 0.000246	None	None	
1A	Termination MOU Zone 4	$ 0.000132	None	None	
1A	Termination MOU Interzone	$ 0.000271	None	None	
	Tandem Transport Facility Mileage				
1A	Facility per Mile, per MOU Zone 1	$ 0.0000016	None	None	
1A	Facility per Mile, per MOU Zone 2	$ 0.0000057	None	None	
1A	Facility per Mile, per MOU Zone 3	$ 0.0000117	None	None	
1A	Facility per Mile, per MOU Zone 4	$ 0.0000008	None	None	
1A	Facility per Mile, per MOU Interzone	$ 0.0000030	None	None	
	Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$ 0.0007	None	None	
	The following rates are applicable for Section 251(b)(5) Traffic and ISP-Bound Traffic if **Option 2** is elected:				
1A	**Rate for All ISP-Bound and Section 251(b)(5) Traffic as per FCC 01-131, per MOU**	$ 0.0007	None	None	
	The following rates are applicable for In-Balance Section 251(b)(5) Traffic and ISP-Bound Traffic if **Option 3** (Long Term Bill and Keep) is elected:				
	End Office Switching				
1A	Zone 1 Urban (STL, KS)	$0.00	none	none	
1A	Zone 2 Suburban	$0.00	none	none	
1A	Zone 3 Rural	$0.00	none	none	
1A	Zone 4 Urban Springfield	$0.00	none	none	
	Tandem Switching				
1A	Duration charge, per MOU	$0.00	None	None	
	Tandem Transport Termination				
1A	Termination MOU Zone 1	$0.00	None	None	
1A	Termination MOU Zone 2	$0.00	None	None	
1A	Termination MOU Zone 3	$0.00	None	None	
1A	Termination MOU Zone 4	$0.00	None	None	
1A	Termination MOU Interzone	$0.00	None	None	

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Tandem Transport Facility Mileage				
1A	Facility per Mile, per MOU Zone 1	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 2	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 3	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 4	$0.00	None	None	
1A	Facility per Mile, per MOU Interzone	$0.00	None	None	
	Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$0.00	None	None	
	Transit Traffic Compensatsion				
	Transit Rate per MOU	$0.000960	None	None	
	Poles, Ducts, and Conduit				
1	Pole Attachment per pole per year	$ 2.35	None	None	
1	Conduit Space, per duct foot per year	$ 0.40	None	None	
1	Inner Duct, per duct foot per year	$ 0.205	None	None	
	Conversion Order Charges for Resold Services				
1	Mechanized Simple	None	$ 5.00	None	
1	Mechanized Complex	None	$ 5.00	None	
1	Simple Manual	None	$ 5.00	None	
1	Complex Manual	None	$ 5.00	None	
2	**NXX Migration per NXX**	None	$ 10,934.02	None	

* Includes NRC for STP port termination, signaling point code and global title translation

1. Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40

1A. Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40, Less Voluntary reductions

1B. Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40 as ordered by the Missouri Commission in TO-2001-438

2. Established by the Missouri Commission in TO-2001-438 to replace interim rates from TO-98-115

3. Established by the Missouri Commission in TO-2001-438 to replace interim rates from Texas

3A. Rate from Texas

4. Missouri Commission adopted rate in TO-99-227 based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Interconnection Agreements filed with and approved by the Missouri Commission				
5.	Missouri Commission adopted rate in TO-99-227 (Texas tariff based rate)				
6.	Rates are zero until October 7th, 2002				
7.	New rate as ordered in TO-2001-438				

The Parties acknowledge and agree that, subject to the terms and conditions stated herein, SBC Missouri will provide certain arbitrated rates, terms and conditions set forth in the Appendix Pricing UNE, Schedule of Prices, of this agreement based upon statutes, orders, rules and/or regulations issued by federal and state legislatures, courts, and/or regulatory agencies, specifically including, but not limited to, the Missouri Public Service Commission's Order in the Consolidated Arbitration, Docket Nos. TO-97-40/TO-97-67, TO-98-115. These statutes, orders, rules and regulations are the subject of various current appeals, and subsequent appeals may also be taken from those statutes, orders, rules and regulations. The Parties recognize and agree that, in the event of any amendment of the Telecommunications Act of 1996, or any administrative, regulatory, legislative or judicial order, rule, opinion or other legal action, (collectively, "legal actions") which revises or modifies the Parties' rights and/or obligations pertaining to any matters contained in this Interconnection Agreement ("a subsequent development"), including any action invalidating or modifying the Interconnection Agreement approved in Docket TO-97-67 and TO-98-115, the relevant provisions of this Agreement cited above shall be deemed to be automatically modified, amended or conformed to be consistent with such subsequent development. By executing this document, neither Party is waiving its rights to contest the validity of any law, rule, court or regulatory decision or order or other requirement that specific provisions be contained in this contract, nor is any Party waiving its right to argue in the future that any law, rule, court or regulatory decision or other requirement should be revised, eliminated or modified. In no event shall SBC Missouri be obligated to provide such rates, terms and conditions beyond the period of time SBC Missouri is obligated to provide such rates, terms and conditions to the Party who originally arbitrated such provisions.

			RESALE DISCOUNTS		
	BUSINESS		RECURRING	NON-RECURRING	
	LOCAL EXCHANGE SERVICE				
1	Business 1 Party		19.20%	19.20%	NA
2	Business - Multi-Line Hunting		19.20%	19.20%	NA
3	Business Measured		19.20%	19.20%	NA
4	Business Measured (HTG Class of Service)		19.20%	19.20%	NA
5					NA
6	**EXPANDED LOCAL CALLING**				NA
7	Mandatory EAS		19.20%	19.20%	NA
8	Optional Metropolitan Calling Area		19.20%	19.20%	NA
9					NA

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
10	**VERTICAL SERVICES**				NA
11	Auto Redial		19.20%	19.20%	NA
12	Call Blocker		19.20%	19.20%	NA
13	Call Forwarding		19.20%	19.20%	NA
14	Call Forwarding - Busy Line		19.20%	19.20%	NA
15	Call Forwarding - Busy Line/Don't Answer		19.20%	19.20%	NA
16	Call Forwarding - Don't Answer		19.20%	19.20%	NA
17	Call Return		19.20%	19.20%	NA
18	Call Trace		19.20%	19.20%	NA
19	Call Waiting		19.20%	19.20%	NA
20	Calling Name		19.20%	19.20%	NA
21	Calling Number		19.20%	19.20%	NA
22	ComCall®		19.20%	19.20%	NA
23	Personalized Ring (1 dependent number)		19.20%	19.20%	NA
24	Personalized Ring (2 dependent numbers - 1st number)		19.20%	19.20%	NA
25	Personalized Ring (2 dependent numbers - 2nd number)		19.20%	19.20%	NA
26	Priority Call		19.20%	19.20%	NA
27	Remote Access to Call Forwarding		19.20%	19.20%	NA
28	Selective Call Forwarding		19.20%	19.20%	NA
29	Simultaneous Call Forwarding		19.20%	19.20%	NA
30	Speed Calling 8		19.20%	19.20%	NA
31	Speed Calling 30		19.20%	19.20%	NA
32	Three Way Calling				NA
33					NA
34	**DID**		19.20%	19.20%	NA
35	DID (First Block of 100 - Category 1)		19.20%	19.20%	NA
36	DID (First Block of 10 - Category 1)		19.20%	19.20%	NA
37	DID (Ea. adl. block of 10 after first 10 - Category 1)		19.20%	19.20%	NA
38	DID (Ea. adl. block of 100 after first 100 - Category 2)		19.20%	19.20%	NA
39	DID (Ea. adl. block of 10 assigned over 1st 100 - Category 2)		19.20%	19.20%	NA
40	DID (with Multifrequency)		19.20%	19.20%	NA
41	DID (with Dual-Tone Multifrequency)		19.20%	19.20%	NA
42	DID (1st 10 Trunks or access lines)		19.20%	19.20%	NA
43	DID (11th thru 50th trunk or network access line)		19.20%	19.20%	NA
44	DID (51st trunk or network access line)				NA
45					

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
46	**TRUNKS**				NA
47	Analog Trunks		19.20%	19.20%	NA
48	Digital Trunks		19.20%	19.20%	NA
49					NA
50	**AIN**				NA
51	Area Wide Networking		19.20%	19.20%	NA
52	Disaster Routing Service		19.20%	19.20%	NA
53	Intelligent Redirectsm		19.20%	19.20%	NA
54	Intellinumber		19.20%	19.20%	NA
55	Positive ID		19.20%	19.20%	NA
56					NA
57	**OTHER**				NA
58	Bundled Telecommunications Services (e.g., the Works)		19.20%	19.20%	NA
59	Customer Alerting Enablement		19.20%	19.20%	NA
60	Grandfathered Services		19.20%	19.20%	NA
61	Hot Line		19.20%	19.20%	NA
62	Hunting		19.20%	19.20%	NA
63	Local Operator Assistance Service		13.91%	13.91%	NA
64	Night Number associated with Telephone Number		19.20%	19.20%	NA
65	Night Number associated with a Terminal		19.20%	19.20%	NA
66	Promotions (Greater than 90 days)		19.20%	19.20%	NA
67	Preferred Number Service		19.20%	19.20%	NA
68	Telebranch®		19.20%	19.20%	NA
69	TouchTone		19.20%	19.20%	NA
70	Voice Dial		19.20%	19.20%	NA
71	Warm Line		19.20%	19.20%	NA
72					NA
73	**Data Services**				NA
74	Gigabit Ethernet Metropolitan Area Network (GigaMAN)		19.20%	19.20%	NA
75	PBX Trunks		19.20%	19.20%	NA
76	Mulit-Service Optical Network (MON)		19.20%	19.20%	NA
77	OCn-PTP		19.20%	19.20%	NA
78	DS3		19.20%	19.20%	NA
79					NA
80	**ISDN**				NA
81	Digilinesm (ISDN BRI)		19.20%	19.20%	NA

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
82	Select Video Plus®		19.20%	19.20%	NA
83	Smart Trunksm (ISDN PRI)		19.20%	19.20%	NA
84	SuperTrunk		19.20%	19.20%	NA
85					NA
86	**TOLL**				NA
87	IntraLATA MTS		19.20%	19.20%	NA
88	MaxiMizer 800®		19.20%	19.20%	NA
89	OutWATS		19.20%	19.20%	NA
90	800 Service		19.20%	19.20%	NA
91					NA
92	**OPTIONAL TOLL CALLING PLANS**				NA
93	1+ SAVERsm		19.20%	19.20%	NA
94	1+SAVER Direct		19.20%	19.20%	NA
95	Community Optional Saver		19.20%	19.20%	NA
96	Outstate Calling Area Service		19.20%	19.20%	NA
97					NA
98	**PLEXAR®**				NA
99	Plexar I®		19.20%	19.20%	NA
100	Plexar II®		19.20%	19.20%	NA
101	Plexar Custom®		19.20%	19.20%	NA
102					NA
103	**PRIVATE LINE**				NA
104	Analog Private Lines		19.20%	19.20%	NA
105	Business Video Service		19.20%	19.20%	NA
106	Digital Loop Service		19.20%	19.20%	NA
107	DOVLink		19.20%	19.20%	NA
108	Foreign Exchange Service		19.20%	19.20%	NA
109	Foreign Serving Office		19.20%	19.20%	NA
110	Frame Relay		19.20%	19.20%	NA
111	Group Alerting Services		19.20%	19.20%	NA
112	MegaLink II®		19.20%	19.20%	NA
113	MegaLink III®		19.20%	19.20%	NA
114	MicroLink I®		19.20%	19.20%	NA
115	MicroLink II®		19.20%	19.20%	NA
116	MultiPoint Video		19.20%	19.20%	NA
117	Service Loop Facility Modification Service		19.20%	19.20%	NA

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
118					NA
119			***RESALE DISCOUNTS***		NA
120	**RESIDENCE**		RECURRING	NON-RECURRING	NA
121	**LOCAL EXCHANGE SERVICE**				NA
122	Life Line and Link Up America Services		19.20%	19.20%	NA
123	Residence 1 Party		19.20%	19.20%	NA
124	Residence Measured		19.20%	19.20%	NA
125					NA
126	**EXPANDED LOCAL CALLING**				NA
127	Mandatory EAS		19.20%	19.20%	NA
128	Optional Metropolitan Calling Area		19.20%	19.20%	NA
129					NA
130	**VERTICAL SERVICES**				NA
131	Auto Redial		19.20%	19.20%	NA
132	Call Blocker		19.20%	19.20%	NA
133	Call Forwarding		19.20%	19.20%	NA
134	Call Forwarding - Busy Line		19.20%	19.20%	NA
135	Call Forwarding– Busy Line/Don't Answer		19.20%	19.20%	NA
136	Call Forwarding - Don't Answer		19.20%	19.20%	NA
137	Call Return		19.20%	19.20%	NA
138	Call Trace		19.20%	19.20%	NA
139	Call Waiting		19.20%	19.20%	NA
140	Calling Name		19.20%	19.20%	NA
141	Calling Number		19.20%	19.20%	NA
142	ComCall®		19.20%	19.20%	NA
143	Personalized Ring (1 dependent number)		19.20%	19.20%	NA
144	Personalized Ring (2 dependent numbers - 1st number)		19.20%	19.20%	NA
145	Personalized Ring (2 dependent numbers - 2nd number)		19.20%	19.20%	NA
146	Priority Call		19.20%	19.20%	NA
147	Remote Access to Call Forwarding		19.20%	19.20%	NA
148	Selective Call Forwarding		19.20%	19.20%	NA
149	Simultaneous Call Forwarding		19.20%	19.20%	NA
150	Speed Calling 8		19.20%	19.20%	NA
151	Three Way Calling		19.20%	19.20%	NA
152					NA

SOUTHWESTERN BELL TELEPHONE, L.P.
SBC-MISSOURI / XO COMMUNICATIONS SERVICES, INC.

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
153	**ISDN**				NA
154	Digiline		19.20%	19.20%	NA
155					NA
156	**OTHER**				NA
157	Bundled Telecommunications Services (e.g., the works		19.20%	19.20%	NA
158	Customer Alerting Enablement		19.20%	19.20%	NA
159	Grandfathered Services		19.20%	19.20%	NA
160	Hot Line		19.20%	19.20%	NA
161	Promotions (Greater than 90 days)		19.20%	19.20%	NA
162	Preferred Number Service		19.20%	19.20%	NA
163	TouchTone		19.20%	19.20%	NA
164	Voice Dial		19.20%	19.20%	NA
165	Warm Line		19.20%	19.20%	NA
166					NA
167			***RESALE DISCOUNTS***		NA
168	***OTHER (Resale)***		RECURRING	NON-RECURRING	NA
169					NA
170	**DIRECTORY ASSISTANCE SERVICES**		13.91%	13.91%	NA
171	Nationwide Listing Services (NLS)		13.91%	13.91%	NA
172					NA
173	**TOLL**				NA
174	Home 800sm		19.20%	19.20%	NA
175	IntraLATA MTS		19.20%	19.20%	NA
176					NA
177	**OPTIONAL TOLL CALLING PLANS**				NA
178	1+ SAVERsm		19.20%	19.20%	NA
179	1+SAVER Direct		19.20%	19.20%	NA
180	Community Optional Saver		19.20%	19.20%	NA
181	Outstate Calling Area Service		19.20%	19.20%	NA
182	900 Call Restriction		19.20%	19.20%	NA
183	Access Services		0%	0%	NA
184	Additional Directory Listings		19.20%	19.20%	NA
185	Bill Plus		5%	5%	NA
186	Company Initiated Suspension Service		0%	0%	NA
187	Directory Assistance Services		13.91%	13.91%	NA

SOUTHWESTERN BELL TELEPHONE, L.P.
SBC-MISSOURI / XO COMMUNICATIONS SERVICES, INC.

Schedule of Prices					
NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
188	Connections with Terminal Equipment and Communications Equipment		0%	0%	NA
189	Consolidated Billing		5%	5%	NA
190	Construction Charges		0%	0%	NA
191	Customer Initiated Suspension Service		0%	0%	NA
192	Exchange Interconnection Service		0%	0%	NA
193	Operator Services		13.91%	13.91%	NA
194	Local Operator Assistance Service		13.91%	13.91%	NA
195	Maintenance of Service Charges		0%	0%	NA
196	Prepaid Calling Cards		19.20%	19.20%	NA
197	Telecommunications Service Priority Systems		0%	0%	NA
198	Toll Billing Exception (Billed Number Screen)		19.20%	19.20%	NA
199	Toll Restriction		19.20%	19.20%	NA
200	Wireless Carrier Interconnection Services		0%	0%	NA
201					NA
202	Electronic Billing Information Data (daily usage) per message		$ 0.003	NA	NA
203					
204	Simple conversion charge per billable number		NA	$ 25.00	NA
205	Electronic conversion orders per billable number		NA	$ 5.00	NA
206	Complex conversion orders per billable number		NA	$ 125.00	NA
207					
208	SBC Missouri transmittal of CLEC end-user listing to 3rd		NA	$ 100.00	NA
209	party pub, per occurrence, per dir publisher				
210					
211	**OS/DA**				
212	Branding - Resellers				
213	- Initial Load	NRBDG	NA	$1,800.00	NA
214	- Subsequent Load	NRBDG	NA	$1,800.00	NA
215	- Per Call	ZZUCB	$0.025	NA	NA
216	External Rater - Resellers				
217	- Initial Load	NRBDL	NA	$2,200.00	NA
218	- Subsequent Load	NRBDM	NA	$1,000.00	NA

These rates are interim per the Missouri's PSC's July 11, 2005 Arbitration Order".

(These rates are Interim per Commission Order (Dkt. TO-2005-0336))

UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional
Loops			
4W Digital Zone 1	$ 104.72	$ 117.84	$ 46.52
4W Digital Zone 2	$ 109.77	$ 117.84	$ 46.52
4W Digital Zone 3	$ 111.67	$ 117.84	$ 46.52
4W Digital Zone 4	$ 104.94	$ 117.84	$ 46.52
Loop Cross Connects (with testing unless otherwise noted)			
Digital Loop to Collo 4W	$10.35	$51.78	$39.28
Digital Loop to Collo 4W w/o testing	none	$33.40	$32.86
DS3 Loop Crossconnect	$34.59	$63.23	$48.40
Digital Loop to Switch Port 4W	$8.64	$43.22	$43.22
Local Switching			
Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	$ 0.0016200		
Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	$ 0.0019490		
Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	$ 0.0028070		
Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	$ 0.0023910		
Customized Routing UNE AIN			
Customized Routing Per Originating Query	$ 0.004384		None
CLEC order for Customized Routing per switch	None	$ 6.57	None
Setup MARCH RPM and AIN Tables per CLEC per switch	None	$ 80.51	None
POTS			
POTS Translations per 5ESS office	None	$ 24.84	None
POTS Translations per DMS100 office	None	$ 132.86	None
POTS Line Translations for all technologies per line	None	$ 0.29	None
DID			
Translations per 1st DID number - 5ESS	None	$ 24.83	None
Translations per Addl. DID number - 5ESS	None	$ 12.41	None
Translations per 1st DID number - DMS100	None	$ 8.69	None
Translations per Addl. DID number - DMS100	None	$ 4.97	None
SHARED COST FOR ALL AIN SERVICES			
AIN setup translations per office - 5ESS	None	$ 43.46	None
AIN setup translations per office - DMS100	None	$ 360.09	None
POTS			
POTS Translations per 5ESS office	None	$ 24.84	None
POTS Translations per DMS100 office	None	$ 132.86	None
POTS Line Translations for all technologies per line	None	$ 0.29	None
DID			
Translations per 1st DID number - 5ESS	None	$ 12.41	None
Translations per Addl. DID number - 5ESS	None	$ 12.41	None
Translations per 1st DID number - DMS100	None	$ 8.69	None
Translations per Addl. DID number - DMS100	None	$ 4.97	None

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Ports			
Analog Line Port Zone 1	$ 2.74	$ 2.27	$ 2.27
Analog Line Port Zone 2	$ 2.97	$ 2.27	$ 2.27
Analog Line Port Zone 3	$ 3.47	$ 2.27	$ 2.27
Analog Line Port Zone 4	$ 3.25	$ 2.27	$ 2.27
BRI Line Port Zone 1	$ 6.56	$ 6.36	$ 4.53
BRI Line Port Zone 2	$ 6.56	$ 6.36	$ 4.53
BRI Line Port Zone 3	$ 6.56	$ 6.36	$ 4.53
BRI Line Port Zone 4	$ 6.56	$ 6.36	$ 4.53
PRI Trunk Port Zone 1	$ 400.00	$ 2,000.00	$ 2,000.00
PRI Trunk Port Zone2	$ 400.00	$ 2,000.00	$ 2,000.00
PRI Trunk Port Zone 3	$ 400.00	$ 2,000.00	$ 2,000.00
PRI Trunk Port Zone 4	$ 400.00	$ 2,000.00	$ 2,000.00
Analog DID Trunk Port - Zone 1	$ 14.55	$ 51.04	$ 51.04
Analog DID Trunk Port - Zone 2	$ 15.45	$ 53.10	$ 53.10
Analog DID Trunk Port - Zone 3	$ 11.60	$ 51.04	$ 51.04
Analog DID Trunk Port - Zone 4	$ 16.12	$ 51.04	$ 51.04
DS1 Trunk Port Zone 1	$ 200.00	$ 150.00	$ 150.00
DS1 Trunk Port Zone 2	$ 200.00	$ 150.00	$ 150.00
DS1 Trunk Port Zone 3	$ 200.00	$ 150.00	$ 150.00
DS1 Trunk Port Zone 4	$ 200.00	$ 150.00	$ 150.00
Feature Activation per Analog Port Type			
Call Waiting	None	$0.00	None
Call Forwarding Variable	None	$0.00	None
Call Forwarding Busy Line	None	$0.00	None
Call Forwarding Don't Answer	None	$0.00	None
Three-Way Calling	None	$0.00	None
Speed Calling 8	None	$0.00	None
Speed Calling 30	None	$0.00	None
Auto Callback/Auto Redial	None	$0.00	None
Distinctive Ring/Priority Call	None	$0.00	None
Selective Call Rejection/Call Blocker	None	$0.00	None
Auto Recall/Call Return	None	$0.00	None
Selective Call Forwarding	None	$0.00	None
Calling # Delivery	None	$0.00	None
CNAM Delivery	None	$0.00	None
Calling Number/Name Blocking	None	$0.00	None
Anonymous Call Rejection	None	$0.00	None
Feature Activation per analog arrangement			
Personalized Ring	None	$0.20	None
Hunting Arrangement	None	$0.29	None
Feature Activation per successful occurrence			
CSV/CSD per B channel - Connect	None	$ 0.59	None
CSV/CSD per B channel - Disconnect	None	$ 0.59	None
Basic EKTS per B channel - Connect	None	$ 0.59	None
Basic EKTS per B channel - Disconnect	None	$ 0.59	None
CACH EKTS per B channel - Connect	None	$ 0.59	None
CACH EKTS per B channel - Disconnect	None	$ 0.59	None
Analog DID Trunk Port			
DID #s - Initial 100 #s	None	$ 130.21	$ 11.23
DID #s - Initial 10 #s	None	$ 123.65	$ 5.60
Analog Port Features			
Standard feature initialization per analog port	None	$ 1.21	None

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Auto Callback Calling/Business Group Callback	None		$ 1.21		None
Call Forwarding Variable/ Business Group Call Forwarding Varia	None		$ 1.21		None
Call Forwarding Busy Line	None		$ 1.21		None
Call Forwarding Don't Answer	None		$ 1.21		None
Call Hold	None		$ 1.21		None
Call Pickup	None		$ 1.21		None
Call Transfer - All Calls	None		$ 1.21		None
Call Waiting - Intragroup/Business Call Forwarding Var.	None		$ 1.21		None
Call Waiting - Orig.	None		$ 1.21		None
Call Waiting - Term.	None		$ 1.21		None
Class of Service Restr. - Fully	None		$ 1.21		None
Class of Service Restr. - Semi	None		$ 1.21		None
Class of Service Restr. - Toll	None		$ 1.21		None
Consult. Hold	None		$ 1.21		None
Dial Call Waiting	None		$ 1.21		None
Directed Call Pickup - Non Barge in	None		$ 1.21		None
Directed Call Pickup - With Barge in	None		$ 1.21		None
Distinctive Ring and Call Waiting Tone	None		$ 1.21		None
Hunting Arrgmt - Basic	None		$ 3.55		None
Hunting Arrgmt - Circular	None		$ 3.55		None
Speed Calling Personal	None		$ 1.21		None
Three Way Calling	None		$ 1.21		None
Voice/Data Protection	None		$ 1.21		None
ISDN (BRI) Port Features					
CSV per B channel	None		$ 0.59		None
CSD per B channel	None		$ 0.59		None
Standard feature initialization per ISDN BRI port	None		$ 1.21		None
Add'l Call Offering for CSV	None		$ 1.21		None
Call Forwarding Busy Line	None		$ 1.21		None
Call Forwarding Don't Answer	None		$ 1.21		None
Call Forwarding Variable	None		$ 1.21		None
Call Hold	None		$ 1.21		None
Call Pickup	None		$ 1.21		None
Call Transfer - All Calls	None		$ 1.21		None
Class of Service Restr. - Fully	None		$ 1.21		None
Class of Service Restr. - Semi	None		$ 1.21		None
Class of Service Restr. - Toll	None		$ 1.21		None
Consult. Hold	None		$ 1.21		None
Dial Call Waiting	None		$ 1.21		None
Directed Call Pickup - Non Barge in	None		$ 1.21		None
Directed Call Pickup - With Barge in	None		$ 1.21		None
Distinctive Ringing	None		$ 1.21		None
Hunting Arrgmt - Basic	None		$ 3.55		None
Hunting Arrgmt - Circular	None		$ 3.55		None
Speed Calling Personal	None		$ 1.21		None
Three Way Calling	None		$ 1.21		None
ISDN (PRI) Port Features					
Backup D Channel	None		$ 200.00		$ 200.00
Calling number Delivery	$ 50.00		$ 50.00		$ 50.00
Dynamic Channel Allocation	None		$ 150.00		$ 150.00
Tandem Switching					
Per MOU per call	$ 0.001231		None		None
Blended Transport					
Zone1 Urban (STL, KS)	$ 0.000535		none		none

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Zone2 Suburban	$ 0.000641		none		none
Zone3 Rural	$ 0.000697		none		none
Zone4 Urban Springfield	$ 0.000507		none		none
Interzone	$ 0.000661		none		none
Common Transport					
Termination MOU Zone 1	$ 0.000155		None		None
Termination MOU Zone 2	$ 0.000232		None		None
Termination MOU Zone 3	$ 0.000246		None		None
Termination MOU Zone 4	$ 0.000132		None		None
Termination MOU Interzone	$ 0.000271		None		None
Facility Mile MOU Zone 1	$ 0.0000016		None		None
Facility Mile MOU Zone 2	$ 0.0000057		None		None
Facility Mile MOU Zone 3	$ 0.0000117		None		None
Facility Mile MOU Zone 4	$ 0.0000008		None		None
Facility Mile MOU Interzone	$ 0.0000030		None		None
SS7 Links - Cross Connect					
STP to Collo Cage - DS0 (Zones 1,2,3&4) - Install	$ 95.37		$ 158.91		$ 151.15
STP to Collo Cage - DS0 (Zones 1,2,3&4) - Disconnect			$ 16.24		$ 11.68
STP to Collo Cage - DS1(Zones 1,2,3 & 4) - Install	$ 81.44		$ 154.57		$ 147.06
STP to Collo Cage - DS1(Zones 1,2,3 & 4) - Disconnect			$ 16.24		$ 11.68
STP to SWBT TDF - DS0 - Install	$ 95.37		$ 158.91		$ 151.15
STP to SWBT TDF - DS0 - Disconnect			$ 16.24		$ 11.68
STP to SWBT DSX Frame - DS1 - Install	$ 81.44		$ 154.57		$ 147.06
STP to SWBT DSX Frame - DS1 - Disconnect			$ 16.24		$ 11.68
Unbundled Signaling					
STP Access Connection 1.544 Mbps - Fixed	$ 23.47				
STP Access Connection 1.544 Mbps - per mile	$ 0.21				
STP Access Link 56 Kbps per link	$ 7.19				
STP Access Link 56 Kbps per mile	$ 0.01				
SS7 Transport per message	$ 0.00000070				
SS7 Signaling Transport per call	$ 0.00006				
STP Port per port	$ 480.61				
Point Code Addition per STP pair	None		$ 12.57		$ 12.57
GTT Addition - Simple	None		$ 1.01		$ 1.01
GTT Addition - Complex	None		ICB		ICB
Line Information Database - Validation and CNAM					
LIDB Validation Query	$ 0.014473		None		
CNAM Validation Query (LIDB, CNAM, OLNS)	$ 0.000884		None		
OLNS Validation Query	$ 0.000937		None		
Query Transport	$ 0.000005		None		
Service Order Charge			$ 108.55		
Toll Free Database per Message/Query					
800 Query - Simple	$ 0.0002540				
Designated 10-Digit Translation	$ -				
Call Validation	$ -				
Call Handling and Destination (Toll-Free-800 Addition)	$ 0.0000340				
Manual Service Order Type Charges - Unbundled Elements					
New Simple	None	$ 12.58	None		
New Complex	None	$ 75.01	None		
Change Simple	None	$ 4.92	None		
Change Complex	None	$ 75.01	None		
Record Simple	None	$ 6.29	None		

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Record Complex	None	$ 6.29	None		
Disconnect Simple	None	$ 5.32	None		
Disconnect Complex	None	$ 27.33	None		
Expedited Simple	None	$ 12.62	None		
Expedited Complex	None	$ 12.62	None		
Due Date Change Simple	None	$ 4.21	None		
Due Date Change Complex	None	$ 4.21	None		
Cancellation Simple	None	$ 4.21	None		
Cancellation Complex	None	$ 4.21	None		
Electronic - UNE Service Order Type Charges					
Electronic - UNE Service Order	None	$ 2.92	None		
Expedited Simple	None	$ 6.44	None		
Expedited Complex	None	$ 6.44	None		
Due Date Change Simple	None	$ 2.15	None		
Due Date Change Complex	None	$ 2.15	None		
Cancellation Simple	None	$ 2.15	None		
Cancellation Complex	None	$ 2.15	None		
Manual DS1 and ISDN-PRI Service Order Type Charges - Unbundled Elements					
New - Complex	None		$ 75.00		None
Change - Complex	None		$ 75.00		None
Record - Complex	None		$ 75.00		None
Disconnect - Complex	None		$ 75.00		None
Suspend - Complex	None		$ 75.00		None
Restore - Complex	None		$ 75.00		None
Expedited - Complex	None		$ 75.00		None
Customer Not Ready - Complex	None		$ 75.00		None
Electronic DS1 and ISDN-PRI UNE Service Order Type Charges					
New - Complex	None		$ 10.00		None
Dedicated Transport					
DS1 Transport I/O First mile - zone 1	$ 53.88		$ 200.60		$ 135.86
DS1 Transport I/O First mile - zone 2	$ 81.50		$ 200.60		$ 135.86
DS1 Transport I/O First mile - zone 3	$ 82.35		$ 200.60		$ 135.86
DS1 Transport I/O First mile - zone 4	$ 49.20		$ 200.60		$ 135.86
DS1 Transport I/O Additional mile - zone 1	$ 0.58		$ 200.60		$ 135.86
DS1 Transport I/O Additional mile - zone 2	$ 1.57		$ 200.60		$ 135.86
DS1 Transport I/O Additional mile - zone 3	$ 1.84		$ 200.60		$ 135.86
DS1 Transport I/O Additional mile - zone 4	$ 0.22		$ 200.60		$ 135.86
DS1 Interzone First mile	$ 93.85		$ 200.60		$ 135.86
DS1 Interzone - Additional mile	$ 1.12		$ 200.60		$ 135.86
DS 3 Transport I/O First mile - zone 1	$ 867.15		$ 195.83		$ 149.58
DS 3 Transport I/O First mile - zone 2	$ 1,709.68		$ 195.83		$ 149.58
DS 3 Transport I/O First mile - zone 3	$ 1,920.95		$ 195.83		$ 149.58
DS 3 Transport I/O First mile - zone 4	$ 739.61		$ 195.83		$ 149.58
DS 3 Transport I/O Additional mile - zone 1	$ 14.66		$ 195.83		$ 149.58
DS 3 Transport I/O Additional mile - zone 2	$ 52.91		$ 195.83		$ 149.58
DS 3 Transport I/O Additional mile - zone 3	$ 91.48		$ 195.83		$ 149.58
DS 3 Transport I/O Additional mile - zone 4	$ 18.58		$ 195.83		$ 149.58
DS 3 Interzone - First mile	$ 2,213.47		$ 195.83		$ 149.58
DS 3 Interzone - Additional mile	$ 24.25		$ 195.83		$ 149.58
Dark Fiber - Interoffice					
Zone 1 per fiber per foot per month	0.00239775				
Zone 2 per fiber per foot per month	0.0036294				

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Zone 3 per fiber per foot per month	0.0054648				
Zone 4 per fiber per foot per month	0.00239775				
Dedicated Transport Cross Connect					
DS1 with test equipment - Install	$ 17.64		$ 111.18		$ 74.42
DS1 with test equipment - Disconnect			$ 26.38		$ 22.07
DS3	$ 34.59		$ 63.23		$ 49.34
Multiplexing					
DS3 to DS1 - Install	$ 502.68	$ 232.04	$ 179.98		
DS3 to DS1 - Disconnect		$ 51.19	$ 36.94		

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ATTACHMENT 10: PROVISION OF CUSTOMER USAGE DATA-UNBUNDLED NETWORK ELEMENTS

1. INTRODUCTION (UNBUNDLED ELEMENTS)

The Parties agree that this Attachment 10: Provision of Customer Usage Data-Unbundled Network Elements and SBC Missouri's obligation to provide Usage Data under this attachment shall remain in effect only until March 11, 2006.

2. GENERAL REQUIREMENTS FOR USAGE DATA

2.1 SBC Missouri's provision of Usage Data to CLEC will be in accordance with the Performance Metrics as reported on the CLEC Online website. SBC Missouri'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 SBC Missouri'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 SBC Missouri will retain Usage Data in accordance with SBC Daily Usage File User's Guide, available on the CLEC Online, subject to applicable laws and regulations.

3. USAGE DATA SPECIFICATIONS

3.1 SBC Missouri will provide all usage data for CLEC's customers using the SBC Missouri provided Network Element(s). Usage Data includes, but is not limited to, the following categories of information:

- completed calls;
- use of CLASS/LASS/Custom Features;
- calls to information providers reached via SBC Missouri facilities and contracted by SBC Missouri;
- calls to directory assistance where SBC Missouri provides such service to an CLEC customer;
- calls completed via SBC Missouri-provided operator services where SBC Missouri provides such service to CLEC's local service customer;
- records will include complete call detail and complete timing information for unbundled Network Elements.

SBC Missouri will provide Usage Data for calls that SBC Missouri records (e.g., unbundled local switching, but not loops

3.2 Intentionally Left Blank.

3.3 CLEC is responsible for payment of 976 intraLATA information service revenue billed to CLEC by SBC Missouri. CLEC will attempt to resolve all its end-user 976 intraLATA information service charge inquires prior to requesting an adjustment from SBC Missouri. CLEC will make a comparable attempt to collect all 976 intraLATA charges as it makes to collect its own 900 information service charges. The Parties agree to establish settlement procedures to permit CLEC to receive adjustments from SBC Missouri for amounts CLEC customers refuse to pay for 976 services charges forwarded by SBC Missouri to CLEC for billing.

3.4 SBC Missouri will not adjust 976 charges without investigation by CLEC. Prior to requesting an adjustment under this subsection, CLEC will attempt to sustain 976 charges and make good faith efforts to collect said amounts from its end user customers in accordance with the procedures outlined for "Company" in SBC

Missouri's standard Contract For Information Delivery Service Dial 976, Section 11, dated September 20, 1989, or as otherwise mutually agreed to by the Parties.

4. USAGE DATA FORMAT

4.1 SBC Missouri 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 SBC Daily Usage File User's Guide, or as otherwise agreed to by the Parties.

4.2 SBC Missouri 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 Where technically feasible, SBC Missouri will provide CLEC with recordings which will permit it to render interLATA and intraLATA access bills and end-user bills associated with the use of unbundled network elements. Where such capability is not available (e.g., originating 800 and terminating access calls), SBC Missouri will continue to seek cost effective solutions and in the meantime will ensure that CLEC, as the local service provider, incurs no charges for the provision of such dialing capabilities to their customers.

5. USAGE DATA REQUIREMENTS

5.1 SBC Missouri will pack and organize the Usage Data according to EMI guidelines.

5.2 SBC Missouri will provide Usage Data to a CLEC location as agreed to by the Parties.

5.3 SBC Missouri will transmit formatted Usage Data to CLEC over Network Data Mover Network using CONNECT:Direct protocol, or otherwise agreed to by the Parties.

5.4 CLEC and SBC Missouri will test and certify the CONNECT:Direct interface to ensure the accurate transmission of Usage Data.

5.5. SBC Missouri will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the SBC Daily Usage File User's Guide.

5.6 The IS Call Center can be contacted to respond to CLEC call usage, data error, and record transmission inquiries. Other Usage inquiries should be coordinated through Account Management.

6. CHARGES

6.1 SBC Missouri will bill and CLEC will pay the charges set forth in this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

7. LOCAL ACCOUNT MAINTENANCE

7.1 When CLEC purchases certain Network Elements from SBC Missouri, SBC Missouri will provide CLEC with Local Account Maintenance. When SBC Missouri is acting as the switch provider for CLEC, where CLEC is employing UNEs to provide local service, SBC Missouri will notify CLEC whenever the local service customer disconnects switch port (e.g., WTN) service from CLEC to another local service provider. SBC

Missouri will provide this notification via a mutually agreeable 4-digit Local Use Transaction Code Status Indicator (TCSI) that will indicate the retail customer is terminating local service with CLEC. SBC Missouri will transmit the notification, via the Network Data Mover Network using the CONNECT:Direct protocol, within five (5) days of SBC Missouri reprovisioning the switch. The TCSI, sent by SBC Missouri, will be in the 960 byte industry standard CARE record format. CLEC will pay to SBC Missouri a per transaction charge of three hundred twenty three one hundredths of one cent ($0.00) for SBC Missouri's transmission of the change notification.

7.2 SBC Missouri will accept account changes that affect only the pre-subscribed intraLATA and/or interLATA toll provider (PIC) through the following procedure: SBC Missouri will accept an LD "PIC Only" Change via the service Order feed to provision the LD change in SBC Missouri's network. SBC Missouri will convey the confirmation of the "PIC Only" change via the Work Order Completion feed. In addition, SBC Missouri will reject, via the industry standard CARE Record 3148, any Interexchange Carrier initiated change of the Primary Interexchange Carrier (PIC), where SBC Missouri is the switch provider either for the retail local services of SBC Missouri that CLEC resells or UNEs of SBC Missouri that CLEC employs in providing service.

7.3 These procedures are in addition to Service Order Procedures set forth in Attachment 7: Ordering and Provisioning - UNE. SBC Missouri will meet the Local Account Maintenance requirements set out in CLEC, Unbundled Network Element: Interconnection Interface Requirements, "Account Maintenance," version 1.0 (September 19, 1996), as updated or as the Parties may otherwise agree.

REMAND ORDER EMBEDDED BASE TEMPORARY RIDER

This is a Remand Order Embedded Base Temporary Rider (the "Embedded Base Rider") to the Interconnection Agreement by and between one or more of the SBC Communications Inc. owned ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and SBC Texas, and Wisconsin Bell, Inc. d/b/a SBC Wisconsin, ("SBC" or "SBC ILEC") and CLEC (collectively referred to as "the Parties") ("Agreement") previously entered into by and between the Parties pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 (the "Act").

WHEREAS, the Federal Communications Commission ("FCC") released on August 21, 2003 a "Report and Order on Remand and Further Notice of Proposed Rulemaking" in CC Docket Nos. 01-338, 96-98 and 98-147, 18 FCC Rcd 16978 (as corrected by the Errata, 18 FCC Rcd 19020, and as modified by Order on Reconsideration (rel. August 9, 2004) (the "*Triennial Review Order*" or "*TRO*"), which became effective as of October 2, 2003; and

WHEREAS, by its *TRO*, the FCC ruled that certain network elements were not required to be provided as unbundled network elements under Section 251(c)(3) of the Telecommunications Act of 1996 ("Act"), and therefore, SBC MISSOURI was no longer legally obligated to provide those network elements on an unbundled basis to CLEC under federal law; and

WHEREAS, the U.S. Circuit Court of Appeals, District of Columbia Circuit released its decision in *United States Telecom Ass'n v. F.C.C.*, 359 F3d 554 (D.C. Cir. 2004) ("*USTA II")* on March 2, 2004 and its associated mandate on June 16, 2004; and

WHEREAS, the *USTA II* decision vacated certain of the FCC rules and parts of the *TRO* requiring the provision of certain unbundled network elements under Section 251(c)(3) of the Act, and therefore, SBC MISSOURI was no longer legally obligated to provide those network elements on an unbundled basis to CLEC under federal law; and

WHEREAS, the FCC issued its Order on Remand, including related unbundling rules, [1] on February 4, 2005 ("*TRO Remand Order*"), holding that an incumbent LEC is not required to provide access to local circuit switching on an unbundled basis to requesting telecommunications carriers (CLECs) for the purpose of serving end-user customers using DSO capacity loops ("mass market unbundled local circuit switching" or "Mass Market ULS" or access to certain high-capacity loop and certain dedicated transport on an unbundled basis to CLECs; and

WHEREAS, the FCC, in its *TRO Remand Order*, instituted transition periods and pricing to apply to CLEC's embedded base of the affected elements; and

WHEREAS, as of the date the parties executed the Agreement to which this Temporary Rider is attached, CLEC has an embedded base of one or more of the affected elements, and the transition periods applicable to one or more of the elements had not yet expired;

NOW, THEREFORE, the Parties attach the following temporary terms and conditions to the Agreement to apply only to the embedded base of the affected elements, as set forth below:

[1] Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313; CC Docket No. 01-338, (FCC released Feb. 4, 2005).

1. TRO Remand-Declassified Loop-Transport Elements. Notwithstanding anything in the Agreement, pursuant to Rule 51.319(a) and Rule 51.319(e) as set forth in the TRO Remand Order, effective March 11, 2005, CLEC is not permitted to obtain the following new unbundled high-capacity loop and dedicated transport elements, either alone or in combination:

Dark Fiber Loops;

DS1/DS3 Loops in excess of the caps or to any building served by a wire center described in Rule 51.319(a)(4) or 51.319(a)(5), as applicable;

DS1/DS3 Transport in excess of the caps or between any pair of wire centers as described in Rule 51.319(e)(2)(ii) or 51.319(e)(2)(iii), as applicable; or

Dark Fiber Transport, between any pair of wire centers as described in Rule 51.319(e)(2)(iv).

The above-listed element(s) are referred to herein as the "Affected Loop-Transport Element(s)."

1.1 Transitional Provision of Embedded Base. As to each Affected Loop-Transport Element, after March 11, 2005, pursuant to Rules 51.319(a) and (e), as set forth in the TRO Remand Order, SBC MISSOURI shall continue to provide access to CLEC's embedded base of Affected Loop-Transport Element(s) (i.e. only Affected Loop-Transport Elements ordered by CLEC *before* March 11, 2005), in accordance with and only to the extent permitted by the terms and conditions set forth in the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX], for a transitional period of time, ending upon the earlier of:

(a) CLEC's disconnection or other discontinuance of use of one or more of the Affected Element(s);
(b) CLEC's transition of an Affected Element(s) to an alternative arrangement; or
(c) March 11, 2006 (for Affected DS1 and DS3 Loops and Transport) or September 11, 2006 (for Dark Fiber Loops and Affected Dark Fiber Transport.

SBC MISSOURI's transitional provision of embedded base Affected Element(s) under this Section 1.1 shall be on an "as is" basis. Upon the earlier of the above three events occurring, as applicable, SBC MISSOURI may, without further notice or liability, cease providing the Affected Element(s).

1.2 Transitional Pricing for Embedded Base. Notwithstanding anything in the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX], during the applicable transitional period of time, the price for the embedded base Affected Loop-Transport Element(s) shall be the higher of (A) the rate CLEC paid for the Affected Loop-Transport Element(s) as of June 15, 2004 *plus 15%* or (B) the rate the state commission has established or establishes, if any, between June 16, 2004 and March 11, 2005 for the Affected Loop-Transport Element(s), *plus 15%*.

1.2.1 Regardless of the execution or effective date of this Embedded Base Rider or the underlying Agreement, CLEC will be liable to pay the Transitional Pricing for all Affected Loop-Transport Element(s), beginning March 11, 2005.

1.2.2 CLEC shall be fully liable to SBC to pay such Transitional Pricing under the Agreement, effective as of March 11, 2005, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms.

1.3 End of Transitional Period. CLEC will complete the transition of embedded base Affected Loop-Transport Elements to an alternative arrangement by the end of the transitional period of time defined in the TRO Remand Order (as set forth in Sections 1.3.1 and 1.3.2, below). For Dark Fiber Affected Elements, CLEC will remove all CLEC services from such Dark Fiber Affected Elements and return the facilities to SBC by the end of the transition period defined in the TRO Remand Order for such Dark Fiber Affected Elements.

1.3.1 For Dark Fiber Loops and Affected Dark Fiber Transport, the transition period shall end on September 11, 2006.

1.3.2 For Affected DS1 and DS3 Loops and Transport, the transition period shall end on March 11, 2006.

1.3.3 To the extent that there are CLEC embedded base Affected DS1 and DS3 Loops or Transport in place on March 11, 2006, SBC MISSOURI without further notice or liability, will convert them to a Special Access month-to-month service under the applicable access tariffs.

2. TRO Remand-Declassified Switching and UNE-P. Subject to Sections 4.7.3, 10.10.3 and 10.10.4 of Attachment UNE 6 and pursuant to Rule 51.319(d) and para. 233 and 234 as set forth in the TRO Remand Order, effective March 11, 2005, CLEC is not permitted to obtain new Mass Market ULS, whether alone, in combination (as in with "UNE-P"), or otherwise. For purposes of this Section, "Mass Market" shall mean 1 – 23 lines, inclusive (i.e. less than a DS1 or "Enterprise" level.)

2.1 Transitional Provision of Embedded Base. As to each Mass Market ULS or Mass Market UNE-P, after March 11, 2005, pursuant to Rules 51.319(d), as set forth in the TRO Remand Order, SBC MISSOURI shall continue to provide access to CLEC's embedded base of Mass Market ULS Element or Mass Market UNE-P (i.e. only Mass Market ULS Elements or Mass Market UNE-P ordered by CLEC *before* March 11, 2005), in accordance with and only to the extent permitted by the terms and conditions set forth in the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX], for a transitional period of time, ending upon the earlier of:

(a) CLEC's disconnection or other discontinuance [except Suspend/Restore] of use of one or more of the Mass Market ULS Element(s) or Mass Market UNE-P;
(b) CLEC's transition of a Mass Market ULS Element(s) or Mass Market UNE-P to an alternative arrangement; or
(c) March 11, 2006.

SBC MISSOURI's transitional provision of embedded base Mass Market ULS or Mass Market UNE-P under this Section 2.1 shall be on an "as is" basis, except that CLEC may continue to submit orders to add, change or delete features on the embedded base Mass Market ULS or Mass Market UNE-P, or may re-configure to permit or eliminate line splitting. Upon the earlier of the above three events occurring, as applicable, SBC MISSOURI may, without further notice or liability, cease providing the Mass Market ULS Element(s) or Mass Market UNE-P.

2.1.1 Concurrently with its provision of embedded base Mass Market ULS or Mass Market UNE-P pursuant to this Embedded Base Rider, and subject to this Section 2, and subject to the conditions set forth in Section 2.1.1.1 below, SBC MISSOURI shall also continue to

provide access to call-related databases, SS7 call setup, ULS shared transport and other switch-based features in accordance with and only to the extent permitted by the terms and conditions set forth in the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX], and only to the extent such items were already being provided before March 11, 2005, in conjunction with the embedded base Mass Market ULS or Mass Market UNE-P.

2.1.1.1 The [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX] must contain the appropriate related terms and conditions, including pricing; and the features must be "loaded" and "activated" in the switch.

2.2 Transitional Pricing for Embedded Base. Notwithstanding anything in the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX], during the applicable transitional period of time, the price for the embedded base Mass Market ULS or Mass Market UNE-P shall be the higher of (A) the rate at which CLEC obtained such Mass Market ULS/UNE-P on June 15, 2004 plus one dollar, or (B) the rate the applicable state commission established(s), if any, between June 16, 2004, and March 11, 2005, for such Mass Market ULS/UNE-P, plus one dollar. CLEC shall be fully liable to SBC to pay such pricing under the Agreement, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms, notwithstanding anything to the contrary in the Agreement.

2.2.1 Regardless of the execution or effective date of this Embedded Base Rider or the underlying Agreement, CLEC will be liable to pay the Transitional Pricing for Mass Market ULS Element(s) and Mass Market UNE-P, beginning March 11, 2005.

2.2.2 CLEC shall be fully liable to SBC to pay such Transitional Pricing under the Agreement, effective as of March 11, 2005, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms.

2.3 End of Transitional Period. CLEC will complete the transition of embedded base Mass Market ULS and Mass Market UNE-P to an alternative arrangement by the end of the transitional period of time defined in the TRO Remand Order (March 11, 2006).

2.3.1 To the extent that there are CLEC embedded base Mass Market ULS or UNE-P [and related items, such as those referenced in Section 2.1.1, above] in place on March 11, 2006, SBC MISSOURI, without further notice or liability, will re-price such arrangements to a market-based rate.

3. Sections 1 and 2, above, apply and are operative regardless of whether CLEC is requesting the Affected Element(s), Mass Market ULS or Mass Market UNE-P under the Agreement or under a state tariff, if applicable, and regardless of whether the state tariff is referenced in the Agreement or not.

4. In entering into this Embedded Base Rider, neither Party is waiving, and each Party hereby expressly reserves, any of the 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 Embedded Base Rider) with respect to any orders, decisions, legislation or proceedings and any remands thereof, including, without limitation, the following actions, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA, et. al* v. FCC, 290 F.3d 415 (D.C. Cir. 2002) ("*USTA I*")

and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004) ("*USTA II*"); the FCC's 2003 Triennial Review Order and 2005 Triennial Review Remand Order; 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).

5. Except to the extent of the very limited purposes and time periods set forth in this Embedded Base Rider, this Embedded Base Rider, does not, in any way, extend the rates, terms or conditions of the [NAME OF PRIOR, SUPERSEDED AGREEMENT AND APPLICABLE ATTACHMENT/APPENDIX] beyond its term.

6. In all states other than Ohio, the Parties acknowledge and agree that this Embedded Base Rider shall be filed with, and is subject to approval by the applicable state commission and shall become effective ten (10) days following the date upon which such state commission approves this Embedded Base Rider under Section 252(e) of the Act or, absent such state commission approval, the date this Embedded Base Rider is deemed approved by operation of law. In the state of Ohio only, the Parties acknowledge and agree that this Embedded Base Rider shall be filed with, and is subject to approval by the Public Utilities Commission of Ohio ("PUCO"). Based upon PUCO practice, this Embedded Base Rider shall be effective upon filing and will be deemed approved by operation of law on the 31st day after filing.

IN WITNESS WHEREOF, this Embedded Base Rider to the Agreement was exchanged in triplicate on this _____ day of _____, 2005, by the Parties, signing by and through their duly authorized representatives.

XO Communications Services, Inc.

By: _____

Name: _____
(Print or Type)

Title: _____
(Print or Type)

Date: _____

FACILITIES-BASED OCN # _____

ACNA _____

Southwestern Bell Telephone, L.P. d/b/a
SBC MISSOURI
By SBC Operations, Inc.,
Its authorized agent

By: _____

Name: **Mike Auinbauh**
(Print or Type)

Title: AVP-Local Interconnection Marketing

Date: 8-9-05

ATTACHMENT 11: NETWORK INTERCONNECTION ARCHITECTURE

*This Attachment 11: Network Interconnection Architecture to the Agreement describes the technical arrangement by which CLEC and SBC MISSOURI will interconnect their networks in the event that CLEC is providing its own switching facilities in a given Exchange Area. The arrangements described herein do not apply to the provision and utilization of unbundled Network Elements which are addressed in Attachment 6: 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.

1.4 "IntraLATA Toll Traffic" is defined as traffic between one SBC MISSOURI–local calling area and another SBC MISSOURI local calling area or another LEC within the same LATA.

1.5 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll Traffic as defined above.

1.6 "ISP-Bound Traffic" is as defined in Attachment 12: Compensation

1.7 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular LCA (defined below).

1.8 "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.

*1.9 A "Local Calling Area" or "LCA" is an SBC MISSOURI local calling area, as defined in SBC MISSOURI's Local Exchange Tariff, except that the entirety of a Metropolitan Calling Area ("MCA") shall be considered a Local Calling Area. LCA is synonymous with "Local Exchange Area" (LEA).

*1.10 "Local Interconnection Trunk Groups" are one-way or two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic between CLEC end users and SBC MISSOURI end users.

1.11 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.

*Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

1.12 "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.

1.13 "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.

1.14 "Remote End Office Switch" is an SBC MISSOURI 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 SBC MISSOURI End Office Switch. Such features, function, and capabilities are provided SBC MISSOURI Remote End Office Switch via an umbilical and an SBC MISSOURI Host End Office.

1.15 Section 251(b)(5) Traffic is as defined in Attachment 12: Compensation.

*1.16 "Section 251(b)(5)/ IntraLATA Toll Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) Optional EAS traffic, (v) Transit Traffic, (vi) out of area traffic, (iii) intraLATA FX or virtual FX traffic (iv) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from SBC-MISSOURI where SBC-MISSOURI is both the Section 251(b)(5) Traffic and intraLATA toll provider.

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*1.18 "Tandem Serving Area" or "TSA" is an SBC MISSOURI area defined by the sum of all local calling areas served by SBC MISSOURI End Offices that subtend an SBC MISSOURI tandem for Section 251(b)(5)/IntraLATA Toll Traffic as defined in the LERG.

2. REQUIREMENTS FOR ESTABLISHING POINTS OF INTERCONNECTION.

Section 2.1through Section 2.9 are the Parties' requirements for establishing a Point of Interconnection (POI) for the Exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

*2.1 CLEC may utilize facilities of third parties to satisfy all requirements herein, and SBC shall, if requested by CLEC, route section 251(b)(5) traffic/Toll Traffic that is dialed to CLECs customers to Points of Interconnection of another provider for transiting to CLEC, provided such Point(s) of Interconnection comply with requirements in this agreement and provided that CLEC does not have trunking of its own to the same local calling areas. SBC also shall, if requested by CLEC, and if CLEC's circuits are busy, route overflow traffic to a third party provider/s Point(s) of Interconnection, provided such Point(s) of interconnection comply with requirements herein. SBC shall accept CLECs traffic routed by way of a third party's Point of Interconnection, provided such Point of Interconnection complies with requirements herein and provided that CLEC's traffic complies with the requirements herein.

*2.2 The Parties will interconnect their network facilities at a minimum of one CLEC designated Point of Interconnection (POI) within SBC MISSOURI's network in the LATA where CLEC Offers Service.

2.2.1 A "Single POI" is a single point of interconnection within a LATA on SBC MISSOURI's network that is established to interconnect SBC MISSOURI's network and CLEC's network for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

2.2.2 The Parties agree that CLEC has the right to choose a single POI or multiple POIs.

2.2.3 When CLEC has established a Single POI (or multiple POIs) in a LATA, CLEC agrees to establish

an additional POI(s):

(i) *in any SBC MISSOURI'S TSA separate from any existing POI arrangement when traffic to/from that SBC MISSOURI'S TSA exceeds an OC12 at peak over three (3) consecutive months, or

(ii) at an SBC MISSOURI'S End Office in a local calling area not served by an SBC MISSOURI'S tandem for Section 251(b)(5)/IntraLATA Toll Traffic when traffic to/from that local calling area exceeds an OC12 at peak over three (3) consecutive months.

*2.2.4 The additional POI(s) will be established within 90 days of notification that the threshold has been met.

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*2.4 POIs shall be established at any technically feasible point inside the geographical areas in which SBC MISSOURI is the franchised Incumbent LEC and within SBC MISSOURI's network.

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2.7 POI(s) will be identified by street address and Vertical and Horizontal (V & H) Coordinates.

2.8 *Each Party will be responsible for providing the necessary equipment and facilities on its side of the POI.

3. TRUNKING REQUIREMENTS PER LCA

3.1.1 *[2]At such time as CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic in an LCA that is not an MCA, CLEC shall establish the necessary Local Interconnection Trunk Groups (in accordance with Appendix ITR) to:

3.1.1 Each SBC MISSOURI Local Tandem in the LCA where CLEC Offers Service when there are SBC MISSOURI Local Tandem(s) in the LCA where CLEC Offers Service.

3.1.2 Each SBC MISSOURI End Office in the LCA where CLEC Offers Service when there is no SBC Local Tandem in the LCA where CLEC Offers Service.

*3.1.3 At such time as CLEC offers service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic in an LCA that is also an MCA, CLEC shall establish a POI at a Local Tandem or Host End-Office if the MCA does not have a local tandem. When CLEC establishes such POI, CLEC may, at its option, deliver to SBC at that POI all traffic that originates and terminates within that MCA, until such time as traffic volumes between CLEC and a particular end-office within that MCA justify deployment of direct trunking**.**

3.2 When CLEC Offers Service in an LCA that has at least one SBC MISSOURI Local Tandem, and the Section 251(b)(5)/IntraLATA Toll Traffic between CLEC and an SBC MISSOURI End Office which subtends an SBC MISSOURI 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 SBC MISSOURI End Office also known as a "DEOT" group) to that SBC MISSOURI End Office.

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3.5 When the LCA in which CLEC Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic is served only by an SBC MISSOURI Remote End Office Switch, CLEC shall DEOT to the appropriate SBC MISSOURI Host End Office Switch.

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*4.5 DEOT group(s) to SBC MISSOURI End Offices shall be provisioned as one-way or two-way trunks and used as one-way or two-way trunks.

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8. PROVISION OF INFORMATION

8.1 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 SBC MISSOURI (as set forth in SBC MISSOURI's CLEC Handbook, published on the CLEC website.)

9. ASR CONTROL FOR TWO-WAY TRUNK GROUPS

9.1 CLEC shall have administrative and order control (e.g., determination of trunk group size) of all two-way trunk groups provisioned between CLEC and SBC MISSOURI.

9.2 This only applies to the extent that it does not require SBC MISSOURI to redesign its network configuration.

9.3 SBC MISSOURI 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 SBC MISSOURI be allowed to issue ASRs on CLEC's behalf.

10. ANCILLARY SERVICES

10.1 Where CLEC requires ancillary services (e.g., Directory Assistance, Operator Services, E911), additional POIs may be required for interconnection to such ancillary services.

10.2 CLEC is solely responsible for the facilities that carry OS/DA, 911, mass calling and Meet-Point trunk groups. The trunking requirements for these are specified in Appendix ITR.

11. SIGNALING

11.1 Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the SBC MISSOURI network.

11.2 Multifrequency (MF) signaling will be utilized in cases where SBC MISSOURI switching platforms do not support SS7.

12. INTERCONNECTION METHODS

12.1 Where CLEC seeks to interconnect with SBC MISSOURI 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:

12.1.1 Physical Collocation

12.1.2 Virtual Collocation

12.1.3 SONET Based

12.1.4 Fiber Meet Point

12.1.5 Leasing of facilities from a third party

12.1.6 CLEC self-buildout

12.1.7 Any other mutually agreeable methods of obtaining interconnection.

13. 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 SBC MISSOURI 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 SBC MISSOURI facilities. All references to incoming and outgoing trunk groups are from the perspective of CLEC.

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, 2 1.4 SBC MISSOURI will allow CLEC to use the same physical facilities (e.g., dedicated transport access facilities, dedicated transport UNE facilities) to provision one-way or two-way trunk groups two-way Local Interconnection Trunk Groups, CLEC shall have administrative and order control (*e.g.*, determination of trunk group size) of the trunk group to the extent that it does not require SBC MISSOURI to redesign its network configuration.

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2. TRUNK GROUP CONFIGURATIONS:

*3*4*5*6*7*8 2..1 Where traffic from CLEC switch to an SBC MISSOURI End Office is sufficient a Local Interconnection Trunk Group shall also be established to the SBC MISSOURI End Office.

*9*10*11 2.1.1 SBC MISSOURI will not impose any restrictions on a CLEC that are not imposed on its own traffic with respect to trunking and routing options afforded the CLEC.

*13 2.1.2 CLEC Terminating (SBC MISSOURI to CLEC):

For CLEC Terminating traffic (SBC MISSOURI to CLEC**),** where SBC MISSOURI has a Local/IntraLATA or Local/Access Tandem Switch SBC MISSOURI will combine the Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic originating from an end user obtaining local dialtone from SBC MISSOURI where SBC MISSOURI is both the Section 251(b)(5) Traffic and intraLATA toll provider over a single two-way trunk group. When SBC MISSOURI has Access Tandem Switches that serve a Local Exchange Area

*1,2 Issue 1 and Issue 2
*3 Issue 2
*4 Issue 2
*5 Issue 2
*6 Issue 2
*7 Issue 2
*8 Issue 2
*9 Issue 2
*10 Issue 2
*11 Issue 2
*13 Issue 2

separate from Local Tandem–Switches in a Local Exchange Area, SBC MISSOURI shall deliver Section 251(b)(5) Traffic and ISP-Bound traffic from the Local Tandem Switch to CLEC over the two-way trunk group SBC MISSOURI shall deliver IntraLATA Toll Traffic from the Access Tandem Switch to CLEC over the two-way trunk groups , As noted in Section 2.1.1 above**,** direct trunk group(s) between CLEC and SBC MISSOURI 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 SBC MISSOURI network. Multifrequency (MF) signaling will be utilized in cases where SBC MISSOURI switching platforms do not support SS7.

2.2 Meet Point Traffic:

Meet Point Traffic will be transported between the SBC MISSOURI 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 a SBC MISSOURI Access Tandem Switch. When SBC MISSOURI has more than one Access Tandem Switch within a Local Exchange Area, CLEC may utilize a single "meet point" trunk group to one SBC MISSOURI Access Tandem Switch within the Local Exchange Area in which CLEC homes its NPA/NXXs. This trunk group will be provisioned 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.

2.3 Direct End Office Trunking:

The Parties shall establish a two-way Direct End Office Trunk Group (DEOT) when actual or forecasted End Office traffic exceeds 24 DS0s at peak over three consecutive months or when no Local Only, Local/IntraLATA or Local/Access Tandem Switch is present in the Local Exchange Area.

Trunking to an SBC MISSOURI End Office shall afford CLEC access only to the NXXs served by that individual End Office.

2.4 E911 Emergency Traffic:

A segregated trunk group will be required to each appropriate E911 tandem within an 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**.**

2.5 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:

< 15001 access Lines (AC)	2 trunks (min)
15001 to 25000 AC	3 trunks
25001 to 50000 AC	4 trunks
50001 to 75000 AC	5 trunks

> 75000 AC 6 trunks (max)

*14*15At the time that CLEC establishes a Public Response Choke Network NXX and tandem, SBC MISSOURI will establish reciprocal mass calling trunks to CLEC subject to the requirements set forth in this Section.

2.6 Operator Services

2.6.1 Inward Assistance Inward Operator Assistance (Call Code 121) - CLEC may choose from two interconnection options for Inward Operator Assistance.

2.6.2 Option 1 - Interexchange Carrier (IXC)

CLEC may utilize the Interexchange Carrier Network. CLEC will route its calls requiring inward operator assistance through its designated IXC POP to SBC MISSOURI's TOPS tandem. SBC MISSOURI will route its calls requiring inward operator assistance to CLEC's Designated Operator Switch (TTC) through the designated IXC POP.

CLEC will use the same OSPS platform to provide local and IXC operator services. Where appropriate, CLEC will utilize existing trunks to the SBC MISSOURI TOPS platform that are currently used for existing IXC inward operator services.

2.6.3 Option 2 - CLEC Operator Switch

CLEC will identify a switch as the Designated Operator Switch (TTC) for its NPA-NXXs. SBC MISSOURI will route CLEC's calls requiring inward operator assistance to this switch. This option requires a segregated one-way (with MF signaling) trunk group from SBC MISSOURI' Access Tandem to the CLEC switch. CLEC calls requiring inward operator assistance will be routed to SBC MISSOURI' operator over an IXC network.

3. TRUNK DESIGN BLOCKING CRITERIA

*16Trunk forecasting and servicing for the Section 251(b)(5), ISP-Bound Traffic 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.0IM [Medium Day-to-Day Variation] until traffic data is available. Listed below are the trunk group types and their objectives:

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

*14 Issue 6
*15 Issue 6
*16 Issue 3

4. FORECASTING/SERVICING RESPONSIBILITIES

4.1 CLEC agrees to provide an initial trunk forecast for establishing the initial trunk groups. SBC MISSOURI shall review this forecast and if SBC MISSOURI has any additional information that will change the forecast, SBC-MISSOURI shall provide this information to CLEC. Subsequent forecasts will be provided on a quarterly or semi-annual basis, at CLEC's election. Two of the quarterly forecasts, or one of the semi-annual forecasts, will be provided concurrent with the publication of the SBC MISSOURI General Trunk Forecast. The forecast will include yearly forecasted trunk quantities for all trunk groups described in this Appendix for a minimum of three years and the use of Common Language Location Identifier (CLLI-MSG) which is described in Telcordia Technologies documents BR795-100-100 and BR795-400-100. Trunk servicing will be performed on a monthly basis at a minimum.

4.2 The Parties agree to review CLEC's trunk capacity in accordance with CLEC's forecasts, including quarterly forecasts, if so elected and submitted by CLEC.

4.3 Such forecasts shall include, subject to adjustments from time to time as circumstances require:

*[17]4.3.1 Yearly forecasted trunk quantities will be for all trunk groups referenced in this appendix for a minimum of three (current and plus-1 and plus-2) years; and

4.3.2 A description of major network projects anticipated for the following six months. Major network projects include the introduction of a new switch, trunking or network rearrangements, orders greater than 4 DS1s or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

4.3.3 Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available.

4.4 CLEC shall be responsible for forecasting two-way trunk groups. SBC MISSOURI shall be responsible for forecasting and servicing any one way trunk groups terminating to CLEC and CLEC shall be responsible for forecasting and servicing any one way trunk groups terminating to SBC MISSOURI , unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used as described in TELCORDIA TECHNOLOGIES document SR-TAP-000191, Trunk Traffic Engineering Concepts and Applications or as otherwise mutually agreed to by the Parties.

4.5 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences.

4.6 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

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.

*17 Issue 7

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.

5.3 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). CLEC will have administrative and order control for the purpose of issuing ASR's on two-way trunk groups.

5.4 Both Parties will jointly manage the capacity of Local Interconnection Trunk Groups. CLEC may send an ASR to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment and to meet end user demand. SBC MISSOURI shall send a Trunk Group Service Request (TGSR) to CLEC to trigger changes to the Local Interconnection Trunk Groups which exceed 65% capacity based on capacity assessment. The TGSR is a standard industry support interface developed by the Ordering and Billing Forum of the Carrier liaison Committee of the Alliance for Telecommunications Solutions (ATIS) organization. TELCORDIA TECHNOLOGIES Special Report STS000316 describes the format and use of the TGSR. The Party receiving a complete and accurate ASR will issue a Firm Order Confirmation (FOC) within five (5) business days and, if requested on the ASR, a Design Layout Record (DLR) to the ordering Party within five (5) business days issuance of the FOC.

5.5 In a Blocking Situation:

5.5.1 In a blocking situation, a TGSR will be issued by SBC MISSOURI when additional capacity is required to reduce measured blocking to objective design blocking levels based upon analysis of trunk group data. SBC MISSOURI will note "Service Affecting" on the TGSR. CLEC, upon receipt and review of a TGSR, in a blocking situation, will issue an ASR to SBC MISSOURI within three (3) business days after receipt of the TGSR. CLEC will note "Service Affecting" on the ASR. These orders will be expedited.

5.5.2 When facilities are not available, the Parties shall make all reasonable efforts to cooperate in good faith to resolve the blocking situation.

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: This is talking about trunk underutilization not facilities.

6.1.1 If a trunk group is sixty-five percent *(*65%) 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 thirty-five percent (35%) excess capacity. In all cases grade of service objectives shall be maintained.

6.1.2 SBC MISSOURI 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 SBC MISSOURI within ten (10) business days after receipt of the TGSR subject to the following sections.

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 SBC MISSOURI 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, SBC MISSOURI 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, SBC MISSOURI will issue an ASR to resize the Local Interconnection Trunks Groups or Meet Point Trunk Groups.

6.2 CLEC will issue a complete and accurate ASR to SBC MISSOURI

6.2.1 Within ten (10) business days after receipt and review of the TGSR; or

6.2.2 At any time as a result of either Party's own capacity management assessment, in order to begin the provisioning process .

*[19]6.2.3 In a blocking situation, when either Party requests an expedited order, every effort will be made to accommodate the request.

6.3 Projects require the coordination and execution of multiple orders or related activities between and among SBC MISSOURI and CLEC work groups, including but not limited to the initial establishment of Local Interconnection or Meet Point Trunk Groups and service in an area, the introduction of a new switch or central offices, NXX code moves, re-homes, facility grooming, or network rearrangements.

6.3.1 Orders that comprise a project, shall be jointly planned and coordinated.

6.4 CLEC will be responsible for engineering its network on its side of the Point of Interconnection (POI). SBC MISSOURI will be responsible for engineering its network on its side of the POI.

*[20]6.5 If one of the Parties is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection and Meet Point Trunk Groups by the due date, the Party will provide a requested revised service due date. If CLEC requests a service due date change which exceeds the 31 calendar days after the original due date, the ASR must be cancelled by the CLEC. Should the CLEC fail to cancel such an ASR, SBC MISSOURI shall treat the ASR as if it were cancelled.

6.6 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of CLEC.

6.7 In the event that a Party requires trunk servicing within shorter time intervals than those provided for in this Appendix due to end user demand, such Party may designate its ASR as an “Expedite” and the other Party shall use best efforts to issue its FOC and DLR and install service within the requested interval.

*19 Issue 10
*20 Issue 9

7. SERVICING OBJECTIVE/DATA EXCHANGE

7.1 Each Party agrees to service trunk groups in a timely manner to the Trunk Design Blocking Criteria as necessary to meet customer demand.

7.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties agree to exchange this data and to work cooperatively to implement an exchange of traffic data utilizing FTP computer to computer file transfer process.

8. INSTALLATION, MAINTENANCE, TESTING AND REPAIR

8.1 Where available and at the request of either Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the B8ZS ESF protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks where it is currently deployed at the time of the request. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different code that is appropriate for the Trunk Type Modifier in the CLCI-Message code.

*[21]8.2 SBC MISSOURI will engineer all interconnection trunks between SBC MISSOURI and CLEC to a 6dB of digital pad configuration. Further, as of the date of the execution of this Agreement, SBC MISSOURI and CLEC will cooperatively work to identify and convert all existing Local Interconnection Trunk Groups to a 6dB of digital pad configuration.

8.3 Each Party will provide to the other test-line numbers (i.e., switch milliwatt numbers) and access to test lines.

*[22]8.3.1 Each Party will cooperatively plan and implement coordinated testing and repair procedures, which may include industry standard 105 and 108 tests, for the meet point and interconnection trunk groups and facilities to ensure trouble reports are resolved in a timely and appropriate manner.

9. NETWORK MANAGEMENT

9.1 Restrictive Controls

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

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

*21 Issue 3
*22 Issue 3

9.3 Mass Calling

CLEC and SBC MISSOURI shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes.

APPENDIX NETWORK INTERCONNECTION METHODS (NIM)

*[1]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; Physical Collocation; leasing of SBC MISSOURI facilities; leasing of facilities from a third party; CLEC self-buildout; or other mutually agreeable methods of obtaining interconnection**.**

1. *[2] FIBER MEET POINT

*[2]1.1 Fiber Meet Point between SBC MISSOURI and CLEC can occur at any mutually agreeable, economically and technically feasible point between CLEC's premises and a SBC MISSOURI tandem or end office. This meet will be on a point-to-point linear chain SONET system over single mode fiber optic cable.

*[2]If Fiber Meet Point is the selected method for interconnection**,** MSFMP Fiber Meet Point shall be used to provide interconnection trunking as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture for trunk groups used to carry Section 251(b)(5)/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 or IntraLATA Toll Traffic originating from an end user obtaining local dialtone from SBC MISSOURI where SBC MISSOURI is both the Section 251(b)(5) Traffic and IntraLATA Toll provider (hereinafter "Local Interconnection Trunk Groups").

***2 & 3** Fiber Meet Point may be used to provide transport for interconnection trunking as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture (NIA).

*[2]1.2 There are two basic mid-span interconnection designs:

*[2] 1.2.1 Design One: CLEC's fiber cable and SBC MISSOURI' fiber cable are connected at an economically and technically feasible point between the CLEC location and the last entrance manhole at the SBC MISSOURI central office.

*[2] The Parties may agree to a location with access to an existing SBC MISSOURI fiber termination panel. In these cases, the network interconnection point (POI) shall be designated outside of the SBC MISSOURI building, even though the CLEC fiber may be physically terminated on a fiber termination panel inside of a SBC MISSOURI building. In this instance, CLEC will not incur fiber termination charges and SBC MISSOURI will be responsible for connecting the cable to the SBC MISSOURI facility.

*[2] The Parties may agree to a location with access to an existing CLEC fiber termination panel. In these cases, the network interconnection point (POI) shall be designated outside of the CLEC building, even though the SBC MISSOURI fiber may be physically terminated on a fiber termination panel inside of an CLEC building. In this instance, SBC MISSOURI will not incur fiber termination charges and CLEC will be responsible for connecting the cable to the CLEC facility.

*[2] If a suitable location with an existing fiber termination panel cannot be agreed upon, CLEC and SBC MISSOURI shall mutually determine provision of a fiber termination panel housed in an outside, above

*1 Issue 1
*2 Issue 2
*2 Issue 2
*2 Issue 2
*3 Issue 2 & 3

ground cabinet placed at the physical POI. Ownership and the cost of provisioning the panel will be negotiated between the two parties.

*2 1.2.2 Design Two Fiber Meet Point: CLEC will provide fiber cable to the last entrance manhole at the SBC MISSOURI tandem or end office switch with which CLEC wishes to interconnect. CLEC will provide a sufficient length of fiber optic cable for SBC MISSOURI to pull the fiber cable to the SBC MISSOURI cable vault for termination**.** In this case the POI shall be at the manhole location.

1..2.2.1 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.

1.2.2.2The fiber connection point shall occur at the following location:

1.2.2.2.1 A manhole outside of the SBC MISSOURI central office. In this situation, CLEC will provide sufficient fiber optic cable for SBC MISSOURI to pull the cable into the SBC MISSOURI cable vault for termination. The POI will be at the manhole and SBC MISSOURI will assume maintenance responsibility for the fiber cabling from the manhole to the FDF.

*2 1.3 Consistent with this Agreement**,** the Parties will mutually agree upon the precise terms of each mid-span meet point facility. These terms will cover the technical details of the meet point as well as other network interconnection, provisioning and maintenance issues.

1.4 The SBC MISSOURI tandem or end office switch includes all SBC MISSOURI 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 SBC MISSOURI' responsibility to provision and maintain.

*2 1.5 In both designs**,** CLEC and SBC MISSOURI 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 SBC MISSOURI.

2. AVOIDANCE OF OVER-PROVISIONING

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

*2 issue 2
*2 Issue 2
*2 Issue 2

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 65% 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 65% the growth planning process will be suspended and will not be reinitiated until a 65% 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, SBC MISSOURI 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 70% fill.

4. VIRTUAL COLLOCATION

The description of Virtual Collocation is contained in SBC MISSOURI' Virtual Collocation tariffs (i.e., SBC MISSOURI' Tariff F.C.C. No. 73 and SBC MISSOURI' Virtual Collocation Tariff).

5. SONET-BASED

The description for obtaining interconnection by SONET-Based methods is contained in SBC MISSOURI' SONET-Based Interconnection tariffs (i.e., SBC MISSOURI' Tariff F.C.C. No. 73 *(*Federal Access Tariff for SBC-SOUTHWEST).

6. PHYSICAL COLLOCATION

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.

*1 8. INTENTIONALLY LEFT BLANK.

*1 CLEC's leasing of SBC MISSOURI' facilities for purposes of Attachment 11: Network Interconnection Architecture will be subject to the mutual agreement of the Parties. CLEC will have the option to lease interconnection facilities at the rates found in Appendix Pricing UNE - Schedule of Prices and as specific elsewhere herein.

*1 Issue 1

ATTACHMENT 12: INTERCARRIER COMPENSATION

1. INTRODUCTION

SBC MISSOURI agrees to comply with all generic Missouri Commission reciprocal compensation decisions regarding internet service traffic, subject to the final outcome of appeals of those decisions and the reciprocal compensation selected by the CLEC under this Agreement. 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 in accordance with the intervening law provisions in the General Terms and Conditions. Nothing in this Attachment shall constitute an admission by SBC MISSOURI 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. 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.

1.1 For purposes of compensation under this Agreement, the telecommunications traffic traded between CLEC and SBC MISSOURI will be classified as either Section 251(b)(5) Traffic (including Local Traffic), ISP-Bound Traffic, Transit Traffic, IntraLATA Interexchange Traffic, Meet Point Billing, FX Traffic (Virtual, Dedicated and FX-type), FGA Traffic, or Cellular Traffic.
The compensation arrangement for terminating calls from a Cellular provider to CLEC or SBC MISSOURI end users is set forth in Section 8.0 of this Attachment.

The compensation arrangement for the joint provision of Feature Group A (FGA) Services is covered in Appendix FGA, attached hereto and incorporated by reference. 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. However, either party providing Metropolitan Calling Area (MCA) service shall offer the full calling scope prescribed in Case No. TO-92-306, without regard to the identity of the called party's local service provider. The parties may offer additional toll-free outbound calling or other services in conjunction with MCA service, but in any such offering the party shall not identify any calling scope other than that prescribed in Case No. TO-92-306 as "MCA" service. The provisions of this Attachment apply to calls originated over the originating carrier's facilities or over local switching purchased by CLEC from SBC MISSOURI on a wholesale basis. The provisions of this Attachment do not apply to traffic originated over services provided under local Resale services.

1.2 Calls originated by CLEC's end users and terminated to SBC MISSOURI's end users (or vice versa) will be classified as "Section 251(b)(5) Traffic" under this Agreement and subject to reciprocal compensation if the call: (i) originates and terminates to such end-users in the same SBC MISSOURI exchange area; or (ii) originates and terminates to such end-users within different SBC MISSOURI Exchanges that share a common mandatory local calling area, as defined in SBC MISSOURI'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. Calls originated by SBC MISSOURI'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 SBC MISSOURI exchange area;

or (ii) originates from end users and terminates to an ISP within different SBC MISSOURI Exchanges that share common mandatory local calling area, as defined in SBC MISSOURI'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.

1.2.1 For compensation purposes in the state of Missouri, Section 251(b)(5) Traffic and ISP-Bound Traffic shall be further defined as "Metropolitan Calling Area (MCA) Traffic" and "Non-MCA Traffic." MCA Traffic is traffic originated by a party providing a local calling scope plan pursuant to the Missouri Public Service Commission Orders in Case No. TO-92-306 and Case No. TO-99-483 (MCA Orders) and the call is a Section 251(b)(5) Traffic or ISP-Bound Traffic based on the calling scope of the originating party pursuant to the MCA Orders. Non-MCA Traffic is all Section 251(b)(5) Traffic and ISP-Bound Traffic that is not defined as MCA Traffic.

1.2.1.1 Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, MCA Traffic shall be exchanged on a bill-and-keep intercompany compensation basis meaning that the party originating a call defined as MCA Traffic shall not compensate the terminating party for terminating the call.

1.2.1.2 The parties agree to use the Local Exchange Routing Guide (LERG) to provision the appropriate MCA NXXs in their networks. The LERG should be updated in accordance with industry standards for opening a new code to allow the other party the ability to make the necessary network modifications. If the Commission orders the parties to use an alternative other than the LERG, the parties will comply with the Commission's final order.

1.2.2 If CLEC provides service via resale or in conjunction with ported numbers, the appropriate MCA NXXs will be updated by SBC MISSOURI.

1.2.3 Intentionally Omitted

1.2.4 Intentionally Omitted

1.2.5 Transit Traffic is a switching and transport function only, which allows one Party to send Local Traffic to a third party network through the other Party's tandem. Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, SBC is obligated to provide transit functionality for MCA traffic between CLEC and third-party networks and visa-versa at no charge to the originating and terminating carrier.

1.3 CLEC may establish its 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), or if jointly provisioned FGA service, subject to the terms and conditions of Appendix FGA.

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 referenced in the General Terms & Conditions of this Agreement.

1.3.4 To the extent that the Parties jointly provide the Dedicated FX circuit serving the end user, the terms of Appendix FGA (as amended) shall apply for the joint revenue sharing between ILEC and CLEC.

1.3.5 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. "Bill and Keep" refers to an arrangement in which neither of two interconnecting parties charges the other for terminating FX traffic that originates on the other party's network.

1.4 With respect to CLEC's rights and obligations concerning CLEC and SBC MISSOURI termination of wireline traffic, CLEC shall select one of the three options set forth below upon execution of this Agreement by making a designation on the signature page of the General Terms and Conditions of the Agreement. If CLEC fails to select one of the billing options identified below upon execution of this Agreement on the signature page in the General Terms and Conditions, Option 2 shall automatically apply as the default billing option, for the duration of the Agreement. CLEC may modify the default billing option made at the time of execution of this Agreement by providing advance written notice to SBC MISSOURI within thirty (30) days of execution of this Agreement. CLEC will operate pursuant to the provisions of the billing option elected at the time of execution of this Agreement until the 31st day of receipt of such written notice, at which time the rate terms and condition of the new option election will become effective. The parties will work cooperatively to amend the Agreement to reflect the new billing option elected within sixty (60) days of written notification. CLEC may choose a different option if this Agreement is subsequently amended by SBC MISSOURI pursuant to the Change In Law provisions of this Agreement. CLEC may amend Agreement to make a one-time election to modify its initial option selection made upon execution of this Agreement. CLEC will operate pursuant to the provisions of the option elected at the time of execution of this Agreement until such amendment is approved by the Commission.

1.4.1 Option 1: The rates, terms and conditions for compensation (except those pertaining to Option 3) for Section 251(b)(5) Traffic contained below in Section 3.0 and the FCC's interim ISP terminating compensation rate plan for ISP Bound Traffic as contained below in Section 1.5; or

1.4.2 Option 2: Exchange all ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's Interim ISP Terminating Compensation Plan Rate as contained below in Section 1.6; or

1.4.3 Option 3: A reciprocal compensation arrangement for the transport and termination of wireline Section 251(b)(5) Traffic and ISP-Bound Traffic, based upon a long-term Bill and Keep arrangement. "Bill and Keep" refers to an arrangement in which neither of the two interconnecting parties charges each other for terminating traffic that originates on the other network. Each Party may recover the cost of both originating traffic that it delivers to the other Party and terminating traffic that it receives from the other Party from its end users as it deems necessary. With this option, Parties agree to use SS7 interconnection and the terms and conditions as more particularly described in Section 1.7 below.

1.5 Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic (Option 1)

1.5.1 The CLEC may elect to take the rates, terms, and conditions for Section 251(b)(5) Traffic contain in Section 3 of this Attachment, and the rates, terms and conditions for ISP-Bound Traffic in Sections 1.5.2 through 1.5.5 which 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. ISP-Bound Traffic is subject to the rebuttable presumption stated below.

1.5.2.2 For traffic exchanged after the effective date of this Agreement, 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 ISP-Bound Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

1.5.3 Intentionally Omitted

1.5.4 Intentionally Omitted

1.5.5 ISP-Bound Traffic Rebuttable Presumption

In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and SBC MISSOURI 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 SBC MISSOURI exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation terms in this Section 1.5. Either Party has the right to rebut the 3:1 ISP-Bound Traffic 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 SBC MISSOURI 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 combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties which does not exceed a 3:1 terminating to originating ratio as set forth in Section 1.5.5 above, such traffic shall be defined as "In-Balance" traffic. Each party will invoice the other party on a monthly basis for such "In-Balance" traffic at the reciprocal compensation rates set forth in Section 3.0 for Section 251(b)(5) Traffic.

1.5.7 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties exceeding a 3:1 terminating to originating ratio as set forth in Section 1.5.5 above, such traffic shall be defined as "Out-of-Balance" traffic. The Carrier whose traffic is "Out-of-Balance" will, on a monthly basis, calculate the amount of traffic that will be invoiced as follows: (1) for Section 251(b)(5) traffic, the rates shall be the reciprocal compensation rates set forth in Section 3.0; (2) for ISP-Bound Traffic, the rates shall be the FCC's interim ISP terminating compensation rates set forth in Section 1.5.2.2.

1.6 Exchange All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate (Option 2)

The CLEC may elect to take the rates, terms, and conditions contained in this Attachment in Section 1.6. 1 through 1.6.5 for all ISP-Bound Traffic and Section 251(b)(5) Traffic.

1.6.1 Compensation Rate Schedule for ISP-Bound Traffic and Section 251(b)(5) Traffic:

1.6.1.1 The rates, terms, conditions in Sections 1.6.1 through 1.6.4 apply to the termination of all ISP-Bound Traffic and all Section 251(b)(5) Traffic. ISP-Bound Traffic is subject to the rebuttable presumption stated below.

1.6.1.2 The Parties agree to compensate each other for the transport and termination of ISP-Bound Traffic and Section 251(b)(5) Traffic on a minute of use basis, at $.0007 per minute of use.

1.6.1.3 Under Option 2, payment of Intercarrier Compensation on ISP-Bound Traffic and Section 251(b)(5) Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

1.6.2 Intentionally Omitted

1.6.3 Intentionally Omitted

1.6.4 ISP-Bound Traffic Rebuttable Presumption

In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and SBC MISSOURI 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 SBC MISSOURI exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation terms in this Section 1.6. 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. During the pendency of any such proceedings to rebut the presumption, CLEC and SBC MISSOURI will remain obligated to pay the presumptive rates.

1.6.5 Each party will invoice the other party on a monthly basis for Section 251(b)(5) Traffic and ISP-Bound Traffic at the rates set forth in Section 1.6.1.2 if Option two is elected.

1.7 Long-Term Local Bill and Keep Option (Option 3)

As an alternative to Options 1 and 2, a CLEC can elect long-term local Bill and Keep as the reciprocal compensation arrangement for wireline Section 251(b)(5) Traffic and ISP-Bound Traffic originated and terminated between SBC MISSOURI and CLEC in Missouri so long as qualifying traffic between the parties remains in balance in accordance with this Section 1.7. Long-term local Bill and Keep applies only to Section 251(b)(5) Traffic as defined in Section 1.0 and ISP-Bound Traffic as defined in Section 1.2 of this Attachment and does not include MCA Traffic, IntraLATA Interexchange Traffic, Meet Point Billing Traffic, FX Traffic, FGA Traffic or Cellular Traffic, which shall be subject to compensation as described elsewhere in this Attachment.

1.7.1 The Parties agree that Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties will be subject to Bill and Keep as the method of intercarrier compensation provided that Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties is in balance within +/- 5% of equilibrium (50%).

1.7.1.1 The calculation for determining whether traffic is in balance will be based on the difference between the total Section 251(b)(5) Traffic and ISP-Bound Traffic originated by each Party's end users terminated to the other Party's End Users, divided by the sum of both Parties' end users' terminated Section 251(b)(5) Traffic, and ISP-Bound Traffic multiplied by 100.

1.7.2 The Parties agree that where Section 251(b)(5) Traffic and ISP-Bound Traffic is determined to be out-of-balance by more than 5% per month for three (3) consecutive months, Option 2 shall immediately apply to all Section 251(b)(5) Traffic and ISP-Bound Traffic.

1.7.3 Intentionally Omitted

1.7.4 Once Option 2 applies to CLEC's Section 251(b)(5)Traffic and ISP-Bound Traffic, it will apply for the remaining term of this Agreement, until and unless CLEC makes a one-time election to modify this compulsory option selection by entering into an Amendment or if this Agreement is subsequently amended by SBC MISSOURI pursuant to the Change In Law provisions of this Agreement. CLEC will operate pursuant to the provisions of Option 2 as set forth in Section 1.6 until such amendment is approved by the Commission.

1.7.4.1 In the event that either Party disputes whether its Section 251(b)(5) Traffic and ISP-Bound Traffic is in balance, the Parties agree to work cooperatively to reconcile the inconsistencies in their usage data.

1.7.4.2 Should the Parties be unable to agree on the amount and balance of Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between their End Users, either Party may invoke the dispute resolution procedures under this Agreement. In the event that dispute resolution procedures results in the calculations being delayed, the reciprocal compensation rates will apply retroactively to the date such reciprocal compensation were applicable under Sections 1.7.4. and 1.7.5.

1.7.5 Upon reasonable belief that traffic other than Section 251(b)(5) Traffic defined in Section 1.2 and ISP-Bound Traffic as defined in Section 1.2 of this Attachment is being terminated under this long-term local Bill and

Keep arrangement, either Party may request a meeting to confirm the jurisdictional nature of traffic delivered as Bill and Keep. Parties will consult with each other to attempt to resolve issues without the need for an audit. Should no resolution be reached within 60 days, an audit may be requested and will be conducted by an independent auditor under an appropriate non-disclosure agreement. Only one audit may be conducted by each Party within a six-month period.

1.7.6 The auditing Party will pay the audit costs unless the audit reveals the delivery of a substantial amount of traffic originating from a party in this Agreement other than Section 251(b)(5) Traffic and ISP-Bound Traffic for termination to the other party under the long term local Bill and Keep arrangement. In the event the audit reveals a substantial amount of traffic other than Section 251(b)(5) Traffic and ISP-Bound Traffic, the Party delivering such traffic will bear the cost of the audit and will pay appropriate compensation for such traffic with interest as referenced in the General Terms and Conditions of this Agreement.

1.7.7 The Parties will consult and negotiate in good faith to resolve any issues of accuracy or integrity of data collected, generated, or reported in connection with audits or otherwise.

1.7.8 The audit provisions set out in Sections 1.7.6 through 1.7.8 above do not alter or affect audit provisions set out elsewhere in this Agreement.

2. RESPONSIBILITIES OF THE PARTIES

2.1 Each Party will include in the information transmitted to the other for each call being terminated on the other's network (where technically available to the transmitting party), the originating Calling Party Number (CPN). 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. 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. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. 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 Access Rates.

2.4 Except for the specific instance wherein the Commission has established an alternative compensation mechanism for the exchange of traffic, i.e., traffic subject to the Commission's order regarding the establishment of MCAs, 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 SBC MISSOURI non-resale offering whereby SBC MISSOURI provides the end office switching on a wholesale basis. In no event will SBC MISSOURI 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 SBC MISSOURI 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. SBC MISSOURI will not be required to function as a billing intermediary, e.g., clearinghouse. SBC MISSOURI 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 If Option 1 is elected by the CLEC, 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 in this Section 3.0 apply only to the termination of Section 251(b)(5) Traffic except as explicitly noted.

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. The following rate elements apply, but the corresponding rates are shown in Appendix Pricing:

3.3 Rate Elements:

3.3.1 Tandem Serving Rate Elements:

3.3.2 Tandem Switching - compensation for the use of tandem switching only, consisting of a duration (per minute) rate element

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 consisting of a duration (per minute) rate element.

3.3.5 If CLEC has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by SBC MISSOURI's tandem switch pursuant to 47 C.F.R. §51.711 (a)(3) as set forth in Section 4 below, CLEC shall only be paid End Office Serving Rate Elements.

13.4 Intercarrier Compensation for Wholesale Local Switching Traffic

3.4.1 Where CLEC provides service to a CLEC end user using any combination of Network Elements that utilizes an SBC MISSOURI non-resale offering whereby SBC MISSOURI 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 (unless CLEC is operating under Option 3) shall apply in all cases where CLEC purchases an SBC MISSOURI non-resale offering whereby SBC MISSOURI provides the end office switching on a wholesale basis. These terms and conditions are in addition to the terms and conditions outlined in Attachment 6. SBC MISSOURI is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

1 Settlement Section 3.4 in its entirety

3.4.1.1 For intra-switch Section 251(b)(5) Traffic and ISP-Bound Traffic where CLEC has purchased an SBC MISSOURI non-resale offering whereby SBC MISSOURI 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 SBC MISSOURI end users and CLEC's end users where CLEC utilizes an SBC MISSOURI non-resale offering whereby SBC MISSOURI provides the end office switching on a wholesale basis, the Parties agree to compensate each other for the termination of such traffic at: (i) the FCC Plan rate specified in Section 1.6.1.2 for the transport and termination of Section 251(b)(5) Traffic, and ISP-Bound Traffic if Option 2 is elected by CLEC; or (ii) 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 1.6.1.2 for the transport and termination of ISP-Bound Traffic if Option 1 is elected.

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. The tandem interconnection rate shall apply only when CLEC's switch serving specific LATA has been determined to have the same or greater geographic scope as a similarly-situated SBC Tandem Switch serving the same LATA. Where CLEC has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by SBC MISSOURI's tandem switch pursuant to 47 C.F.R. §51.711 (a)(3), CLEC shall be entitled to receive the End Office Switching rate set forth in Appendix Pricing and as specified in Section 3.3.4 above if Option 1 is elected.

4.1.2 For purposes of this Section 4.0, CLEC's switch actually serves a geographic area comparable to the area served by SBC MISSOURI's tandem when CLEC:

(i) Deploys a switch to serve this area;
(ii) Has obtained NPA and NXXs to serve the exchanges within this area; and
(iii) Can show that it is serving this area either through its own facilities or a combination of its own facilities and leased facilities connected to its collocation arrangements in ILEC central offices.

4.1.3 For compensation purposes, if CLEC qualifies for the tandem interconnection rate as provided in Section 4.1.2 above, the transport and termination ratio must be determined for tandem switching and end office switching compensation.

4.1.4 If CLEC has more than one switch per LATA, each switch must qualify for the tandem interconnection rate as set forth above on a switch-by-switch basis.

4.1.5 The tandem interconnection rate will include a transport mileage of zero miles.

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 SBC MISSOURI tandem switch, as described above, the Parties shall utilize the Dispute Resolution procedures in this Agreement to resolve the dispute. At the conclusion of dispute resolution, if CLEC demonstrates that its switch is actually serving a geographic area comparable to the SBC MISSOURI's tandem switch in a LATA, 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 could also be traded outside of the applicable local calling scope, or routed in ways that could make the rates and rate structure in Options 1, 2, and/or 3 above not apply to calls that fit the definitions of:

- IntraLATA Interexchange Traffic
- 800, 888, 877, ("8YY") Traffic
- Feature Group A Traffic
- FX Traffic
- MCA Traffic

5.2 The Parties agree that, for the purposes of this Attachment, either Party's end users remain free to place calls on a "Non-Local" basis under any of the above classifications. The applicable rates, terms and conditions for: (a) "8YY" Traffic are set forth in Sections 8.2 and 8.3; (b) Feature Group A Traffic are set forth in Section 1,3.4; (c) FX Traffic are set forth in Sections 1.3 through 1.3.5; (e) IntraLATA Toll Traffic are set forth in Section 8.0; and/or (f) MCA Traffic are set forth in Sections 1.2.1 through 1.2.2.

6. TRANSIT TRAFFIC COMPENSATION

6.1 Transit Traffic is a switching and transport function only, which allows one Party (originating Party) to send Local Traffic, as defined in Section 1.1, to a third party network through the other Party's tandem and/or transport facilities (tandem Party). The Transit Rate of $0.000960 is charged by the tandem Party to the originating Party on a MOU basis. The Transit Rate element is only applicable when calls do not terminate to the tandem Party's End User.

6.2 Where the Transit Provider is sent CPN by the originating carrier, the Transit Provider will send the original and true CPN to the terminating Party. Except as provided in Section 9, below, terminating carriers shall be required to directly bill third parties that originate calls and send traffic over Transiting Carrier's network.

6.3 In the event one Party originates traffic that transits the other Party's network to reach a third party telecommunications carrier with whom the originating Party does not have a traffic interexchange agreement, then the originating Party will indemnify the transiting Party for any lawful charges that any terminating third-party carrier imposes or levies on the transiting Party for the delivery or termination of such traffic.

6.4 Unless otherwise provided in this Agreement, neither the terminating party nor the tandem provider will be required to function as a billing intermediary, e.g. clearinghouse.

6.5 Subject to section 9 below, CLEC shall not bill SBC MISSOURI for terminating any Transit traffic, whether identified or unidentified, i.e. whether SBC MISSOURI is sent CPN or is not sent CPN by the originating company. However, in the event CLEC indicates to SBC MISSOURI that unidentified transit traffic volume has become significant, SBC MISSOURI agrees to work with CLEC to explore alternatives and to devise a jointly agreed approach to minimizing the amount of unidentified transit traffic.

6.6 The transit rate above shall also apply in the case of Local Traffic originated in third party ILEC exchange areas that traverses the SBC MISSOURI Tandem Office Switch and terminates in other third party exchange

areas, providing the other LEC exchanges share a common mandatory local calling area with all SBC MISSOURI exchanges included in a metropolitan exchange.

6.7 CLEC will pay the Local Transit Traffic rates (found in Section 6.0 of this Attachment) to SBC MISSOURI for calls that originate on CLEC's network and are sent to SBC MISSOURI for termination to a CMRS provider as long as such Traffic can be identified as wireless traffic. SBC MISSOURI will pay the same Local Transit Traffic rate to CLEC for such calls that originate on SBC MISSOURI's network and are sent through CLEC for termination on a CMRS Provider's network. Each Party shall be responsible for interconnection agreements with CMRS provider's network. SBC MISSOURI and CLEC agree that the call records exchanged between the Parties have sufficient information to identify the originating carrier for billing purposes. SBC MISSOURI shall provide information to CLEC identifying in detail the type of call records it will send to CLEC, and will, absent agreement with CLEC otherwise, use only industry standard billing and call records formats to transmit such information to CLEC.

6.8 When traffic is originated by a CMRS Provider to the CLEC, and the traffic cannot be specifically identified as wireless traffic for purposes of compensation between SBC MISSOURI, CLEC and the CMRS Provider, the traffic will be rated either as local or access and the appropriate compensation rates shall be paid by the transiting party to the terminating party.

6.9 SBC MISSOURI and CLEC agree to use terminating records for billing of reciprocal compensation. SBC MISSOURI will not bill CLEC directly for calls that originate from third party CLECs using SBC MISSOURI's unbundled local switching (ULS). When a call is either originated from a CLEC using SBC MISSOURI's ULS or terminated to a CLEC using SBC MISSOURI's ULS, SBC MISSOURI will provide to the terminating CLEC detailed call records including the OCN of the originating CLEC using ULS. This will allow the terminating CLEC to directly bill reciprocal compensation to the originating CLEC.

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 Each Party shall maintain reports, records and data relevant to the billing of such FX services addressed herein for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.

7.3 Alternatively, CLEC may elect 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. Once the CLEC elects this method to estimate the percentage of minutes of use that is attributable to FX traffic, Section 7.1 no longer applies, until and unless the Parties mutually agree to segregate and track such traffic at an NXX level summary. If the parties can not reach agreement on the appropriate FX Factor, the Parties shall engage in the dispute resolution process set forth in this agreement. During the dispute resolution process. Disputed amounts for FX Traffic will remain unpaid by the Party billed and are not subject to interest during the pendency of such Intercarrier Compensation dispute.

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 adopted by and contained in the Ordering and Billing Forum's MECOD and MECAB documents.

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. The Parties will exchange the information in Exchange Message Interface (EMI) format or via a mutually acceptable electronic file transfer protocol. Where the EMI records cannot be transferred due to a transmission failure, records can be provided via a mutually acceptable medium. 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 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.

9.5 Initially, billing to interexchange carriers for the Switched Access Services jointly provided by the parties via the MPB arrangement will be according to the multiple bill 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, and 888 NPAs or any other non-geographical NPAs). The Party that performs the SSP function (launches the query to the 800 database) will bill the 800 Service Provider for this function.

10. INTENTIONALLY OMITTED

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

11.1 In SBC MISSOURI 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, 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 CLEC terminating traffic to its switch, CLEC is not technically capable of billing the originating carrier through the use of terminating records, SBC MISSOURI will provide the terminating CLEC the appropriate call records that will allow the terminating CLEC the ability to directly bill the proper intercarrier compensation charges to the originating carrier.

11.1.2 Where CLEC is using terminating recordings to bill intercarrier compensation, SBC MISSOURI will provide the terminating Category 11-01-XX records by means of the Daily Usage File (DUF) to identify traffic that originates from an end user being served by a third party telecommunications carrier using an SBC MISSOURI non-resale offering whereby SBC MISSOURI provides the end office switching on a wholesale basis. Such records will contain the Operating Company Number (OCN) of the responsible LEC that originated the calls which CLEC may use 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 and 1.6.4 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.

12. INTENTIONALLY OMITTED

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 SBC MISSOURI'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 SBC end user that obtains local dial tone from SBC where SBC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;

(iii) Switched Access Traffic delivered to SBC 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 it 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 13.1 (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 13.1(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.

13.3 Notwithstanding any other provision of this Agreement, the Parties shall exchange enhanced/information services traffic, including without limitation Voice Over Internet Protocol ("VOIP") traffic and other enhanced services traffic (collectively, "IS Traffic"), in accordance with this section. IS Traffic is defined as traffic that undergoes a net protocol conversion, as defined by the FCC, between the calling and called parties, and/or traffic that features enhanced services that provide customers a capability for generating, acquiring storing, transforming, processing, retrieving, utilizing, or making available information. The Parties shall exchange IS Traffic over the same interconnection trunk groups used to exchange local traffic. In addition to other jurisdictional factors the Parties may report to one another under this Agreement, the Parties shall report a Percent Enhanced Usage ("PEU") factor on a statewide basis or as otherwise determined by CLEC at its sole discretion. The numerator of the PEU factor shall be the number of minutes of IS Traffic sent to the other Party for termination to such other Party's customers. The denominator of the PEU factor shall be the total combined number of minutes of traffic, including IS Traffic, sent over the same trunks as IS Traffic. Either Party may audit the other Party's PEU factors pursuant to the audit provisions of this Agreement. The

Parties shall compensate each other for the exchange of IS Traffic applying the same rate elements used by the Parties for the exchange of ISP-bound traffic whose dialing patterns would otherwise indicate the traffic is local traffic. This compensation regime for IS Traffic shall apply regardless of the locations of the calling and called parties, and regardless of the originating and terminating NPA/NXXs.

ATTACHMENT 13: ANCILLARY FUNCTIONS

1.0 Introduction

1.1 This Attachment 13: Ancillary Functions, and its Appendices set forth the Ancillary Functions that SBC MISSOURI agrees to offer to CLEC under this Agreement, and the requirements associated therewith. SBC MISSOURI 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.

2.0 Collocation

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

3.0 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 SBC MISSOURI are set forth in Appendix Poles, Conduits, and Rights-Of-Way, attached hereto.

APPENDIX COLLOCATION

1.0 SBC MISSOURI will provide caged, shared caged, common caged, cageless, and other physical collocation arrangements within its Eligible Structures, and where space is Legitimately Exhausted inside an Eligible Structure, SBC MISSOURI will provide adjacent space for on-site collocation, and interconnection facilities to access unbundled network elements through adjacent off-site collocation, for physical collocation as set forth in Section 2 of the Missouri Local Access Tariff entitled "Physical Collocation."

2.0 In addition, SBC MISSOURI will provide virtual collocation wherein SBC MISSOURI maintains and repairs the collocation equipment consistent with the terms of Section 3 of the Missouri Local Access Tariff entitled "Virtual Collocation." In CEVs, huts and cabinets where physical collocation space is not available, the Collocator may opt for virtual collocation where the Collocator maintains and repairs the virtually collocated equipment consistent with the terms of the Missouri Local Access Tariff. SBC MISSOURI may, at its option, elect to offer this maintenance alternative in one or more of its central offices, and in one or more of its CEVs, huts and cabinets where physical collocation space is available consistent with the terms of the Missouri Local Access Tariff.

3.0 CLEC shall be permitted, at its option, to place its own BDFB in its physical collocation space; however, SBC may reject such installation if the structural integrity of the collocated space is jeopardized.

4.0 TRACKING AND BILLING CLEC'S POWER USAGE

4.1 CLEC represents and warrants that it at no time will draw more than 50% of the combined total capacity of the DC power leads (in amperes or "AMPs") provided by SBC OKLAHOMA for a collocation arrangement (the combined total capacity being the aggregate capacity of both leads for that collocation arrangement, including all "A" AMPs and all "B" AMPs). Based upon CLEC's representation and warranty, SBC shall bill CLEC for DC collocation power consumption and HVAC as follows:

(a) For DC collocation power consumption, a monthly recurring rate of $10.61 per AMP applied to fifty percent (50%) of the total capacity ordered and provisioned per the collocation application, and
(b) For HVAC, a monthly recurring rate of $14.62 per 10 AMPs, applied to fifty percent (50%) of the total provided capacity.

By way of example, where SBC MISSOURI has provisioned two (2) twenty (20) AMP DC power leads [for a combined total capacity of forty (40) AMPs], SBC shall bill the CLEC the monthly recurring DC Power Consumption charge of $10.61 per AMP for a total of twenty (20) AMPs (i.e., $212.20 per month), and SBC MISSOURI shall bill CLEC the monthly recurring HVAC charge of $14.621 per-each-ten (10) AMPs applied against twenty (20) AMPs (i.e., $29.24 per month).

4.1.1 SBC MISSOURI has the right to periodically inspect and/or, using non-intrusive methods, to test the amount of DC power CLEC actually draws. In the event CLEC is found to have breached the representation and warranty set forth in paragraph 4.1, the Parties shall resolve the issue using the dispute resolution procedures applicable to this Agreement.

5.0 COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

5.1 Complete Space Discontinuance

The Collocator may discontinue an existing Physical Collocation Arrangement which may include equipment, equipment bays, interconnection facilities (e.g., power, timing, grounding and interconnection cabling) and Collocator infrastructure installed within its Physical Collocation space. The Collocator is required to provide a complete and accurate Physical Collocation Application requesting to discontinue its existing Physical

Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Physical Collocation application was submitted

(A) Remove Collocator's equipment bays (relay racks) from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor.

(B) Remove Collocator's equipment from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor;

(C) Remove terminations at both ends of cable (e.g. power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

(D) Remove Collocator's entrance cable between the Physical Collocation Arrangement and the first manhole in accordance with the provisions of section 5.1.5, using a Company approved Tier 1 vendor;

(E) Remove Collocator's miscellaneous items from within the Physical Collocation space, using an SBC approved Tier 1 or Tier 2 vendor.

5.1.1 For complete space discontinuance, Collocator will not be responsible for repairing floor tile damaged during removal of relay racks and equipment, nor will Collocator be responsible for cable mining (removal). Instead the company will perform those tasks. Collocator will pay for those tasks, , through rate elements listed in 5.5.1

5.1.2 If the Collocator fails to complete the items identified in 5.1 within thirty (30) calendar days after discontinuance or termination of the physical collocation arrangement, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by SBC, including any materials used and the time spent at the hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

5.1.3 When discontinuance of the Physical Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 vendor is only responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment resigning in the Central Office.

5.2 Space Reassignment

In lieu of submitting an application to discontinue a Physical Collocation Arrangement per section 5.1, the Collocator ("Exiting CLEC") may reassign the Physical Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Physical Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to assign a Physical Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee, Space Reassignment shall be subject to the following terms and conditions:

5.2.1 CLEC Assignee must, as of the date of submission of the Physical Collocation Application, have an approved ICA.

5.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on the Physical Collocation Arrangement to be reassigned until the date the Company turns over the Physical Collocation Arrangement to the CLEC Assignee. Any disputed charges shall be subject to the dispute resolution provisions herein. The Company's obligation to turn over the Physical

Collocation Arrangement shall not arise until all undisputed charges are paid. CLEC Assignee's obligation to pay monthly recurring charges for a Physical Collocation Arrangement will begin on the date the Company makes available the Physical Collocation Arrangement to the CLEC Assignee.

5.2.3 An Exiting CLEC may not reassign Physical Collocation space in a central office where a waiting list exists for Physical Collocation space, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger or complete purchase of the Exiting CLEC's assets.

5.2.4 CLEC Assignee will defend and indemnify the Company 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 Physical Collocation Arrangement(s) or otherwise claims a right to the space subject to the reassignment;

5.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Physical Collocation Arrangement. By submitting an application for a Physical Collocation Arrangement, CLEC Assignee represents warrants and agrees that it has obtained an executed sale or lease agreement for and holds proper title to all non-Company equipment and other items in or otherwise associated with each Physical Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the Company harmless from any third-party claims involving allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

5.2.6 The Company will respond to the Physical Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. CLEC Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Physical Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The Company and CLEC Assignee will coordinate all conversion work to insure that the end user customers of CLEC Assignee do not suffer disruptions of service.

5.2.7 CLEC Assignee may submit a security application for access to a Physical Collocation Arrangement simultaneously with the Physical 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 CLEC Assignee may submit a security application for access at any time and the terms and conditions as provided in this Agreement will apply. In no event will the security cards be provided to the CLEC Assignee before the assigned space is turned over.

5.2.8 CLEC Assignee assumes each Physical Collocation Arrangement "as is" which means that the Company will make no changes to the Physical Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Physical Collocation Arrangement by CLEC Assignee must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

5.2.9 This section 5.2 does not affect any obligations arising outside of this Agreement.

5.3 Power Reduction

5.3.1 The Collocator may request to decrease the amount of existing power available to a Physical Collocation Arrangement. This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A&B feed), the Collocator will be responsible for paying the costs to remove the A&B power cable feeds 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 Company 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 Physical Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

5.3.2 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 Agreement. Different minimum amp increments apply for power arrangements fed from either a Company BDFB or a Company Power Plant. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 5.5.3 will apply. When the Collocator has only one power arrangement (A&B feed) serving their Physical Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

5.3.3 When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangements consisting of a 50 amp A feed and a 50 amp B feed and below) the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 5.5.4 will still apply. When a power reduction request involves a fuse change on a power arrangement serviced from the Company Power Plant (i.e. power arrangements consisting of a 100 amp A feed and a 100 amp B feed and above), the Company shall coordinate the fuse changes at the Company Power Plant.

5.3.4 When a power reduction request requires disconnecting and removing a power cable feed from either the Company's BDFB or Power Plant, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in section 5.5.3 will apply, Within 30 days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity.

(A) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

5.3.5 When the Collocator has multiple power arrangement serving a Physical Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A&B feed) or disconnecting and removing the power cable feed from the 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 section 5.5.3 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 Physical Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A&B feed) to 20 amps (A&B feed) and remove the power cable from a second power arrangement from 50 amps (A&B feed) to 0 amps (A&B feed)], then the project management fee for power cable removal referenced in section 5.5.3 will apply in addition to the individual

charges referenced in either section 5.5.3, or 5.5.4 associated with the overall power reduction request.

5.3.6 For any power reduction request (one which involves either a disconnect and removal, refusing 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 section 5.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

5.4 Interconnection Termination Reduction

5.4.1 The Collocator may request a reduction of the existing amount of interconnection terminations that service a Physical 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 increment. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

5.4.2 Interconnection termination reduction requests will always require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 5.5.5 will apply,. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Physical Collocation Arrangement, the Collocator must perform the following activity.

(A) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

5.5 Rate Element Descriptions

5.5.1 Rate Element Descriptions for Complete Space Discontinuance

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – None

C. Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

D. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

E. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

H. Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

I. Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed & below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

J. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed & above) – Remove 750 MCM cable (4 runs @ 180 feet), and remove and junk fuses and power panel. Removal activity also requires cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on Power Board, fire stop material, blank labels for BDFB, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

K. Remove Cage Grounding Material – Remove collocation cage grounding lead and ground bar. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

L. Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records, engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

M. Restore Floor Tile - Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

N. Restore Floor Tile – Non-Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor

Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

5.5.2 Rate Element Descriptions for Space Reassignment

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Space Reassignment/Restenciling - This fee applies to Space Reassignment request when a "CLEC Assignee" chooses to assign the rights to a Physical Collocation Arrangement from an "Exiting CLEC." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Physical Collocation Arrangement.

C. Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

D. Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

E. Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

F. Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

G. Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

H. Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

I. Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

J. Timing Record Book Update – The charge to update timing records when changes/removals occur.

K. Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

L. Power Records Update – The charge to update power records when changes/removals occur.

M. Vendor Engineering – The labor costs for the Company Vendor to write the specifications to perform the restenciling job including travel time and site visit.

5.5.3 Rate Element Descriptions for Power Reduction (cable removal)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Reduction (cable removal) - None

C. Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

D. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed and above) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from Power Board, and updating documents as required.

5.5.4 Rate Element Descriptions for Power Reduction (refusing only)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) – None

C. Project Management Fee – Power Re-Fusing Only at the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) – None

D. Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

E. Power Fuse Reductions on the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) - The charge for the Company to change the fuse at the Company power board, tag cables and update Central Office power records associated with fuse change on the Company Power Board per 1-4 fuses.

5.5.7 Rate Element Descriptions for Interconnection Termination Reduction

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the removal of the interconnection cabling and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Physical Collocation Arrangement.

C. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Physical Colloction Arrangement.

D. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job

order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

E. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

6.0 COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

This section provides rates, terms and conditions for Complete Space Discontinuance, Space Reassignment, Power Reduction and Interconnection Termination Reduction for Virtual Collocation.

6.1 Complete Space Discontinuance

The Collocator may discontinue an existing Virtual Collocation which may include bay space and interconnection facilities (e.g. power, timing, grounding, and interconnection) terminating in the Virtual Collocation Arrangement. The Collocator is required to provide a complete and accurate Virtual Collocation Application requesting to discontinue the Virtual Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Virtual Collocation application was submitted:

(A) Remove Collocator's equipment from the Virtual Collocation Arrangement using a Company approved Tier 1 or Tier 2 vendor.

(B) Remove terminations at both ends of cable (e.g., power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

(C) Remove Collocator's entrance cable between the Virtual Collocation Arrangement and the first manhole in accordance with the provisions of this Agreement.

(D) Remove Collocator's miscellaneous items from the Virtual Collocation Arrangement, using a Company approved Tier 1 or Tier 2 vendor.

6.1.1 For complete space discontinuance of a Virtual Collocation Arrangement, the Collocator will not be responsible for cable mining (removal). Instead the Company will perform those tasks. Collocator will pay for those tasks through rate elements listed in 6.5.1

6.1.2 If the Collocator fails to complete the items identified in 6.1 within thirty (30) calendar days after discontinuance of termination of the Virtual Collocation Arrangement, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by the Company, including any materials used and the time spent at the hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

6.1.3 When discontinuance of the Virtual Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 vendor is responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the Central Office.

6.2 Space Reassignment

In lieu of submitting an application request to discontinue a Virtual Collocation Arrangement section 6.1, the Collocator ("Exiting CLEC") may reassign the Virtual Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Virtual Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to reassign a Virtual Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Virtual Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee. Space Reassignment shall be subject to the following terms and conditions:

6.2.1 CLEC Assignee must, as of the date of submission of the Virtual Collocation Application have an approved ICA or an effective interim ICA.

6.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on each Virtual Collocation Arrangement to be reassigned until the date the Company turns over the Virtual Collocation Arrangement to the CLEC Assignee. The Company's obligation to turn over the Virtual Collocation Arrangement shall not arise until all such charges are paid.

6.2.3 An Exiting CLEC may not reassign Virtual Collocation space in a central office where a collocation waiting list exists for Virtual Collocation, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger, or complete purchase of the Exiting CLEC's assets.

6.2.4 CLEC Assignee will defend and indemnify the Company 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 assignment of any Virtual Collocation Arrangement(s) or otherwise claims a right to the space subject to the assignment.

6.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Virtual Collocation Arrangement. By submitting an application for a Virtual Collocation Arrangement, CLEC Assignee represents, warrants and agrees that it has obtained an executed sale or lease agreement for, and holds proper title to all non-Company equipment and other items in or otherwise associated with each Virtual Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the Company harmless from any third-part claims involving

allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

6.2.6 The company will respond to the Virtual Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. Collocator Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Virtual Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The Company and CLEC Assignee will coordinate all conversion work to insure that the end-user customers of CLEC Assignee do not suffer disruptions of service. Such non-recurring charges will include some or all of the following: an application fee, project management fee, and all applicable restenciling fees reference in sections 6.5.2 and 6.6.2.

6.2.7 CLEC Assignee assumes each Virtual Collocation Arrangement "as is" which means that the Company will make no changes to the Virtual Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Virtual Collocation Arrangement must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

6.2.8 This section 6.2 does not affect any obligations arising outside of this Collocation Agreement.

6.3 Power Reduction

6.3.1 The Collocator may request to decrease the amount of existing power available to a Virtual Collocation Arrangement.

6.3.2 This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A and B feed), the Collocator will be responsible for paying the costs to remove the A and B power cable feeds 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 fuses that serve the A and B feeds at the Company Battery Distribution Fuse Bay (BDFB). In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A and B feed) to service their Virtual Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

6.3.3 If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A and B feed) rather than disconnect and remove cable to an existing power arrangement, Collocator may only reduce the fuse size to the lowest power amp increment offered in this Agreement . When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 6.5.4 will apply. When the Collocator has only one power arrangement (A and B feed) serving their Virtual Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

6.3.4 When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangement consisting of a 50 amp A feed and a 50 amp B feed and below), the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 6.5.4 will still apply.

6.3.5 When a power reduction request requires disconnecting and removing a power cable feed from the Company's BDFB, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in Section 6.5.3 will apply. Within thirty (30) days after

submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

6.3.6 When the Collocator has multiple power arrangements serving a Virtual Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A and B feed) or disconnecting and removing the power cable feed from the 50 amp power arrangement (A and B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A and B feed), then the charges referenced in section 6.5.3 will apply. If the Collocator has multiple power arrangements (A and B feed) where they can request both a fuse reduction and a power cable removal for one Virtual Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A and B feed) to 20 amps (A and B feed) and remove the power cable from a second power arrangement from 50 amps (A and B feed) to 0 amps (A and B feed)], then the project management fee for power cable removal referenced in section 6.5.3 will apply in addition to the individual charges referenced in either section 6.5.3 or 6.5.4 associated with the overall power reduction request.

6.3.7 For any power reduction request (one which involves either a disconnect and removal, refusing 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 section 6.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

6.4 Interconnection Termination Reduction

6.4.1 The Collocator may request a reduction of the existing amount of interconnection terminations that service a Virtual Collocation Arrangement. The Collocator shall submit an augment application in order to process this request. The Collocator must maintain at least one of the following minimum required interconnection arrangement authorized in Section 3.13.1. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

6.4.2 Interconnection termination reduction requests will also require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 6.5.5 will apply. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Virtual Colloction Arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

6.5 Rate Element Descriptions

6.5.1 Complete Space Discontinuance

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Complete Space Discontinuance – Reflects the Company's labor costs to project manage the complete discontinuance of the CLEC's Virtual Collocation Arrangement. The labor costs include the Company engineering for planning design of space restoration, equipment removal, interconnection, power and entrance cable removal, stenciling, floor plans, and DC power records.

(C) Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

(D) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(E) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(H) Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(I) Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

(J) Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records,

engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

6.5.2 Space Reassignment

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Space Assignment - This fee applies to Space Assignment request when a "Collocator Assignee" chooses to assign the rights to a Virtual Collocation Arrangement from an "Exiting Collocator." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Virtual Collocation Arrangement.

(C) Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

(D) Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

(E) Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

(F) Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

(G) Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

(H) Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

(I) Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

(J) Timing Record Book Update – The charge to update timing records when changes/removals occur.

(K) Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

(L) Power Records Update – The charge to update power records when changes/removals occur.

(M) Vendor Engineering – The labor costs for the Company vendor to write the specifications to perform the restenciling job including travel time and site visit.

6.5.3 Power Reduction (cable removal)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Reduction (cable removal) - Reflects the Company's labor costs to manage the removal of the individual Collocator's power cable facilities used for or associated with serving the Virtual Collocation Arrangement.

(C) Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

6.5.4 Power Reduction (refusing only)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) - Reflects the Company's labor costs to project manage the change of the power re-fusing change on the Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company BDFB. This fee is applicable when the Collocator is coordinating the fuse reduction at the Company BDFB.

(C) Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

6.5.7 Interconnection Termination Reduction

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the changes/removals and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Virtual Collocation Arrangement.

(C) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Virtual Collocation Arrangement.

(D) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(E) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job

wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

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, L.P. d/b/a SBC MISSOURI ("SBC MISSOURI") and CLEC LEGAL NAME ("CLEC"). As provided in this Appendix, SBC MISSOURI 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 SBC MISSOURI and located in this state.

ARTICLE 1: PARTIES

1.01 Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI ("SBC MISSOURI") is a Texas Limited Partnership. SBC MISSOURI'S principal office is located at 530 McCullough, San Antonio, Texas 78215.

1.02 CLEC Legal Name. CLEC Legal Name ("CLEC") is a corporation chartered in the State of STATE. CLEC maintains an office at (spell out street names and state) example: 123 South Main Street Boulevard (address), Dallas (city), Texas (state), zip75202. 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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way SBC MISSOURI 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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way as may be necessary to effectuate the terms of other arrangements between CLEC and SBC MISSOURI 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 SBC MISSOURI or persons acting on SBC MISSOURI'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 SBC MISSOURI'S approval. More specifically, the term "authorized contractor" refers only to those contractors included on a list of contractors mutually approved by CLEC and SBC MISSOURI to perform one or more of the following tasks within a specified SBC MISSOURI construction district: (a) installation of those sections of CLEC's ducts or facilities which connect to SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI construction district constitute approval of such authorized contractor for the area served by a different SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI, 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 SBC MISSOURI 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 SBC MISSOURI'S poles or placed in SBC MISSOURI'S ducts, conduits, or rights-of-way.

3.08 Conduit. The term "conduit" refers to all SBC MISSOURI 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 SBC MISSOURI, 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 SBC MISSOURI structures (such as huts and cabinets) which branch off from SBC MISSOURI conduit.

3.09 Conduit occupancy. The term "conduit occupancy" refers to the presence of wire, cable, optical conductors, or other within any part of SBC MISSOURI'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 SBC MISSOURI and does not include (a) cables and other telecommunications equipment located within conduit structures, (b) central office vaults, controlled environment vaults, or other SBC MISSOURI structures (such as huts and cabinets) which branch off from SBC MISSOURI conduit or (c) isolated pipe and ducts not connected to the conduit system.

3.11 Construction District. The term "construction district" refers to the SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI
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 SBC MISSOURI'S conduit system and does not refer to handholes which provide access to buried cables not housed within SBC MISSOURI ducts or conduits. As used in this Appendix, the term "handhole" refers only to handhole structures owned or controlled by SBC MISSOURI and does not include cables and other telecommunications equipment located within handhole structures.

3.19 This Section Intentionally Left Blank.

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 SBC MISSOURI permitting it to attach its facilities to SBC MISSOURI'S poles or anchors or place its facilities in SBC MISSOURI conduit system.

3.23 License. The term "license" refers to a written instrument confirming that SBC MISSOURI 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 SBC MISSOURI in accordance with applicable federal and state laws and regulations. The term "license" includes licenses issued by SBC MISSOURI pursuant to this Appendix and may, if the context requires, refer to licenses issued by SBC MISSOURI 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 SBC MISSOURI.

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 SBC MISSOURI 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 SBC MISSOURI, 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 SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI manhole to customer premises. Maintenance ducts shall not be considered "available" (as defined in Section 3.06) for assignment to SBC MISSOURI, CLEC, or joint users for purposes other than short-term use as contemplated in this section; provided, however, that SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'Ss behalf in furtherance of SBC MISSOURI'Ss own business needs, or convenience). "Make-ready work" may require "dig-ups" of existing facilities and may include the repair, enlargement or modification of SBC MISSOURI'Ss 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 SBC MISSOURI 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 SBC MISSOURI behalf. The terms "person acting on SBC MISSOURI behalf," "personnel performing work on SBC MISSOURI'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 SBC MISSOURI'S behalf," "personnel performing work on SBC MISSOURI'S behalf," and similar terms specifically include, but are not limited to, SBC MISSOURI, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request or on behalf of SBC MISSOURI and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by SBC MISSOURI to perform make-ready work shall be deemed to be a person acting on SBC MISSOURI'S behalf while performing such work at SBC MISSOURI'S request.

3.32 Pole. The term "pole" refers to all SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI. The term "pole attachment" includes all such facilities attached to or supported by a SBC MISSOURI 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 SBC MISSOURI or by persons acting on SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, or rights-of-way will be proposed by CLEC to expand the capacity of SBC MISSOURI'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 SBC MISSOURI, respectively, to coordinate arrangements for CLEC's access to SBC MISSOURI'S poles, ducts, conduits, and rights-of-way and records relating to such poles, ducts, conduits, and rights-of-way. SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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 Corporation 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 SBC MISSOURI).

3.46 Utility Liaison Supervisor ("ULS"). The terms "Utility Liaison Supervisor" and "ULS" refer to the person or persons designated by SBC MISSOURI to be responsible for handling and processing requests for access to SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way and access to SBC MISSOURI'S records relating to SBC MISSOURI'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, SBC MISSOURI'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 SBC MISSOURI'S conduit system," "vicinity of SBC MISSOURI'S poles," "vicinity of SBC MISSOURI'S rights-of-way," or "vicinity of SBC MISSOURI'S poles, ducts, conduits, or rights-of-way," the term "vicinity of ..." includes sites on, within, near to, surrounding, or adjoining SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI, and the placement of CLEC's facilities on or in SBC MISSOURI'S poles, ducts, conduits and rights-of-way shall not create or vest in SBC MISSOURI any right, title, or interest in such facilities.

4.03 No Effect on SBC MISSOURI'S Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way. Except as provided in subsections (a)-(b) of this section, nothing contained in this Appendix or any license subject to this Appendix shall in any way affect SBC MISSOURI'S right to abandon, convey, or transfer to any other person or entity SBC MISSOURI'S interest in any of SBC MISSOURI'S poles, ducts, conduits, or rights-of-way.

(a) SBC MISSOURI 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 SBC MISSOURI or to any entity which acquires or succeeds to ownership of substantially all of SBC MISSOURI'S assets shall be subject to CLEC's rights under this Appendix and licenses subject to this Appendix.

4.04 No Effect on SBC MISSOURI'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 SBC MISSOURI'S rights to:

(a) locate, relocate, move, replace, modify, maintain, and operate its own facilities (including but not limited to SBC MISSOURI'S poles, ducts, conduits and rights-of-way, and any of SBC MISSOURI'S facilities attached thereto or located therein) at any time and in any manner which SBC MISSOURI 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 SBC MISSOURI'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. SBC MISSOURI and CLEC agree that neither party has the right to restrict or interfere with the other party's access to public rights-of-way. SBC MISSOURI 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 SBC MISSOURI. SBC MISSOURI 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 SBC MISSOURI. 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 SBC MISSOURI'S solely or partly owned or controlled poles, manholes, conduit, ducts, or other parts of SBC MISSOURI'S solely or partly owned or controlled conduit system are located, but only to the extent, if any, that SBC MISSOURI has the legal authority to grant such access and use. SBC MISSOURI 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. SBC MISSOURI 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 SBC MISSOURI places on itself.

(a) Although SBC MISSOURI shall afford access to rights-of-way owned or controlled by it and permit CLEC to utilize SBC MISSOURI'S rights-of-way to the extent that SBC MISSOURI has legal authority to do so, CLEC acknowledges that SBC MISSOURI 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 SBC MISSOURI has legal authority to permit access by CLEC to a right-of-way on third-party property, SBC MISSOURI 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) SBC MISSOURI 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. SBC MISSOURI 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. SBC MISSOURI will place no restrictions on access to such rights-of-way that are more restrictive than those SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'S Poles, Ducts, and Conduits. The parties shall each design their facilities to minimize the need for the parties to access SBC MISSOURI'S poles, ducts, and conduits.

6.03 Infrequent Construction Techniques and Connectivity Solutions. Unless precluded by documented engineering criteria or written guidelines SBC MISSOURI applied to itself as of January 1, 1996, consistent with considerations of safety, reliability, and or engineering practices, SBC MISSOURI 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 SBC MISSOURI'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. SBC MISSOURI and CLEC agree that the following standards equally apply to either party with respect to facilities attached to or placed in SBC MISSOURI'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 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 6.01-6.04 above, facilities placed in SBC MISSOURI'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 SBC MISSOURI'S conduit system in violation of FCC regulations, including regulations relating to electrical interference. In addition, neither party shall place any facility in SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'S conduit system unless such cable meets the voltage limitations of Article 820 of the National Electrical Code.

(e) Coaxial cable placed in SBC MISSOURI'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 SBC MISSOURI or joint users.

6.06 Additional Physical Design Specifications: Conduit. Facilities placed in SBC MISSOURI'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 SBC MISSOURI'S conduit system at locations consistent with the physical design specifications that SBC MISSOURI 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 SBC MISSOURI'S conduit or ducts.

(c) The integrity of SBC MISSOURI'S conduit system and overall safety of personnel require that "dielectric cable" be used within SBC MISSOURI'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, SBC MISSOURI 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 SBC MISSOURI'S own business purposes and to accommodate CLEC and

other joint users; provided, however, that SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'S manhole the section of CLEC's facility which connects to SBC MISSOURI'S manhole shall be installed by SBC MISSOURI or its contractor at CLEC's expense (which shall be SBC MISSOURI'S actual costs or the price charged SBC MISSOURI by the contractor). SBC MISSOURI will perform this work in an interval consistent with the intervals SBC MISSOURI performs work for itself. If SBC MISSOURI'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 SBC MISSOURI and CLEC.

(d) SBC MISSOURI will have the option to monitor the entrance and exit of CLEC's facilities into SBC MISSOURI'S conduit system and the physical placement of CLEC's facilities in SBC MISSOURI'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 SBC MISSOURI'S conduit system, the duct and all connections between that duct and SBC MISSOURI'S conduit system shall be sealed to prevent the entry of gases or liquids into SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI, CLEC and joint users, to protect the health and safety of persons working on, within, or in the vicinity of SBC MISSOURI'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 SBC MISSOURI'S poles or in the vicinity of SBC MISSOURI'S poles, or enter SBC MISSOURI'S manholes or work within or in the vicinity of SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, or conduits, if notified by SBC MISSOURI 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 SBC MISSOURI'S conduit system until both CLEC and SBC MISSOURI are satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified. In the event that SBC MISSOURI requires CLEC to suspend work activities and it is later determined that the there was no reasonable basis for the work suspension, SBC MISSOURI 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 SBC MISSOURI'S poles, ducts, conduits, or rights-of-way, carry with them suitable identification and shall, upon the request of any SBC MISSOURI 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 SBC MISSOURI'S poles or conduit system to SBC MISSOURI.

6.10 Specific Requirements Relating to Personnel, Equipment, Materials, and Construction Practices Within or in the Vicinity of SBC MISSOURI'S Conduit Systems. When SBC MISSOURI or CLEC, their contractors, and

other persons acting on their behalf perform work on, within, or in the vicinity of SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI rod or clear the duct or inner duct. If the duct or inner duct cannot be cleared, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'S own personnel.

(b) Personnel performing work within SBC MISSOURI'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 SBC MISSOURI'S conduit system.

(c) Personnel performing work within or in the vicinity of SBC MISSOURI'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 SBC MISSOURI and applicable to SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'S conduit system shall be of a type approved by SBC MISSOURI and included on SBC MISSOURI'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 SBC MISSOURI has not provided CLEC SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI nor CLEC nor personnel performing work on its behalf shall allow any combustible gas, vapor, liquid, or material to accumulate in SBC MISSOURI'S conduit system (including any manhole) during work operations performed within or in the vicinity of SBC MISSOURI'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 SBC MISSOURI and included on SBC MISSOURI'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 SBC MISSOURI has not provided CLEC SBC MISSOURI'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 SBC MISSOURI'S manholes and access to SBC MISSOURI'S conduit system.

(a) CLEC will notify SBC MISSOURI not less than 5 business days in advance before entering SBC MISSOURI'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 SBC MISSOURI with 10 working days advance notice before entering SBC MISSOURI'S conduit system. **(ISSUE #1)**

(b) The parties contemplate that CLEC may need to perform operations in SBC MISSOURI'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 SBC MISSOURI as soon as is reasonably possible of its intent to enter and perform work in the conduit system and SBC MISSOURI shall not, without due cause and justification, insist on literal compliance with the scheduling requirements of subsection (a) in such circumstances. SBC MISSOURI will establish procedures enabling SBC MISSOURI 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 SBC MISSOURI may be present any time when CLEC or personnel acting on CLEC's behalf enter or perform work within SBC MISSOURI's conduit system. Each party must obtain any necessary authorization from appropriate authorities to open manholes. If SBC MISSOURI's representative was on site during the entirety of CLEC's installation and SBC MISSOURI was able to review all work performed, then SBC MISSOURI will not conduct a separate post-construction inspection, but the SBC MISSOURI representative shall be allowed reasonable time to complete the review of whether or not CLEC has properly completed the installation, provided that SBC Missouri's review shall not unreasonably delay completion of the installation by CLEC. If an SBC MISSOURI representative on site has not had the opportunity to review all of the installation work when CLEC notifies SBC MISSOURI that installation is complete, then the work to complete the review will not be considered to be a separate post-construction inspection. **(ISSUE 2)**

6.12 OSHA Compliance. Each party agrees:

(a) its facilities attached to SBC MISSOURI'S poles or placed in SBC MISSOURI'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 SBC MISSOURI'S poles or conduit system, comply with OSHA and all rules and regulations thereunder.

6.13 Environmental Contaminants in SBC MISSOURI'S Conduit System. CLEC acknowledges that, from time to time, environmental contaminants may enter SBC MISSOURI'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. SBC MISSOURI will assist CLEC, at CLEC's request and expense, in the performance of such inspections and tests.

(b) SBC MISSOURI makes no representations to CLEC or personnel performing work on CLEC's behalf that SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI agree to comply with the following provisions relating to compliance with environmental laws and regulations.

(a) All persons acting on CLEC's or SBC MISSOURI'S behalf, including but not limited to CLEC's or SBC MISSOURI'S employees, agents, contractors, and subcontractors, shall, when working on, within or in the vicinity of SBC MISSOURI'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 SBC MISSOURI agree that their facilities attached to SBC MISSOURI'S poles or placed in SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'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, SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way for CLEC's intended purposes.

7.03 Access to Records Relating to SBC MISSOURI'S Poles, Ducts, Conduits, and Rights-of-Way. This section establishes procedures through which certain records and information relating to SBC MISSOURI'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 (SBC MISSOURI 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 SBC MISSOURI for all reasonable costs incurred by SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI shall make such maps and records available for inspection by CLEC on two business days notice.

(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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way for CLEC's intended uses.

SBC MISSOURI shall provide CLEC the best information available from SBC MISSOURI'S current pole and conduit maps and records. SBC MISSOURI 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 SBC MISSOURI'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, SBC MISSOURI 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 SBC MISSOURI'S poles, ducts, conduits, or rights-of-way from any vantage point lawfully accessible to CLEC without SBC MISSOURI'S permission.

(b) CLEC shall not enter any SBC MISSOURI 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. SBC MISSOURI will select or approve CLEC's selection of the space CLEC will occupy on poles or in conduit systems based upon the same criteria SBC MISSOURI applies to itself as referenced in Article 6. In conduit systems owned or controlled by SBC MISSOURI, 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 SBC MISSOURI, CLEC, and third parties entitled to access under the Pole Attachment Act.

8.02 Pole, Duct, and Conduit Space Assignments. Poles, duct and conduit system will be assigned to CLEC as provided in this section. Information received by SBC MISSOURI 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 SBC MISSOURI records.

(b) Intentionally Left Blank **(ISSUE # 4)**

(c) Intentionally Left Blank **(ISSUE # 4)**

(d) 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 SBC MISSOURI records.

(e) During the 12-month assignment period following the date space is assigned to CLEC and entered into the appropriate SBC MISSOURI record, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI records available for inspection under Section 7.03.

(f) SBC MISSOURI may assign space to itself by making appropriate entries in the same records used to log assignments to CLEC and third parties. If SBC MISSOURI 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 SBC MISSOURI record if SBC MISSOURI has not occupied such assigned space within such 12-month period; provided, however, that if SBC MISSOURI'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 SBC MISSOURI'S behalf, or from acts of God, SBC MISSOURI'S assignment may be extended for a period no longer than three months from the date SBC MISSOURI 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 SBC MISSOURI records available for inspection under Section 7.03.

(g) If facilities modifications, capacity expansions, or other make-ready work are required due to the assignment of space to CLEC or SBC MISSOURI 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.

(h) Except as provided in subsections (e)-(f) above, assignments shall not be extended, renewed, or sequentially repeated in any manner (other than by actual occupancy) that enables CLEC, SBC

MISSOURI, 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.

(i) (ISSUE # 4)

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 SBC MISSOURI poles or placing facilities within specified SBC MISSOURI ducts or conduits manholes, or handholes. License applications and information received by SBC MISSOURI in connection with such applications shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information). **(ISSUE # 4)**

9.02 Application Form. To apply for a pole attachment or conduit occupancy license under this Appendix, CLEC shall submit to SBC MISSOURI two signed copies of the appropriate application forms. SBC MISSOURI represents that the forms specified in subsections (a) and (b) are forms in use prior to the effective date of this Appendix and that SBC MISSOURI 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. SBC MISSOURI 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 SBC MISSOURI two signed copies of SBC MISSOURI'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 SBC MISSOURI until these forms have been submitted to SBC MISSOURI; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(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 SBC MISSOURI two signed copies of SBC MISSOURI 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 SBC MISSOURI until these forms have been submitted to SBC MISSOURI; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(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**,** wind loading, bending moment, vertical loading and associated strand maps; (ISSUE # 5)

(2) a description of the facilities to be attached to SBC MISSOURI'S poles and a description of the facilities to be placed within each component of SBC MISSOURI'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 SBC MISSOURI'S poles or placed in SBC MISSOURI'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 SBC MISSOURI, that it may be necessary for SBC MISSOURI 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 SBC MISSOURI'S poles and that, at the time an application is submitted, it may be difficult for CLEC to determine with certainty whether a particular pole is owned or controlled by SBC MISSOURI or by another entity. Accordingly, the application shall, to the extent feasible, identify all poles utilized by SBC MISSOURI (without regard to ownership) along the proposed route. **(ISSUE # 6)**

(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 SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way requires good faith cooperation and coordination between SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI construction district, CLEC shall give SBC MISSOURI 30 days notice with a priority list as noted in 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 SBC MISSOURI construction district, CLEC shall, at SBC MISSOURI'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 SBC MISSOURI after CLEC has submitted its written license application as specified in Section 9.02 of this Appendix. SBC MISSOURI 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 SBC MISSOURI or its authorized representative. Primary purposes of the field inspection will be to enable SBC MISSOURI 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 SBC MISSOURI'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. **(ISSUE # 4)**

(b) The administrative processing portion of the pre-license survey (which includes processing the application and reviewing records) will be performed by SBC MISSOURI.

(c) Before performing any portion of the pre-license survey, SBC MISSOURI 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, SBC MISSOURI shall respond to the application. The response shall state whether the application is being granted or denied. If denial is anticipated, or if SBC MISSOURI personnel involved in the processing of CLEC's request for access become aware of hazardous substances at the site requested by CLEC, SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI to be present at the site.

(b) If access is denied, SBC MISSOURI will confirm the denial in writing by the 45th day after the receipt by SBC MISSOURI 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 SBC MISSOURI of processing and responding to the application.

10.02 Obligation to Construct or Modify Facilities; Capacity Expansions. The parties agree that SBC MISSOURI 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 SBC MISSOURI does not offer to expand capacity and denies CLEC's request for access, SBC MISSOURI shall promptly notify CLEC of such determination. SBC MISSOURI 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) SBC MISSOURI 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 SBC MISSOURI would apply to SBC MISSOURI if the work were performed for its own benefit. SBC MISSOURI may recover from CLEC the costs of modifying its outside plant facilities for CLEC's space. SBC MISSOURI will require payment of the full amount in advance subject to the true-up of the estimated costs with the actual costs.

(b) SBC MISSOURI agrees to install inner duct in a timely manner to accommodate CLEC's space needs in accordance with the same time interval SBC MISSOURI provides to itself. If SBC MISSOURI'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 SBC MISSOURI and CLEC. When inner duct is installed by CLEC or an authorized contractor in SBC MISSOURI'S conduit system, CLEC shall bear all 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 SBC MISSOURI or SBC MISSOURI'S contractors. CLEC will indemnify SBC MISSOURI for damages, resulting from CLEC's self-provisioning of the inner-duct.

(c) SBC MISSOURI agrees to remove cables at its 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 SBC MISSOURI excavate the obstruction. The excavation would be at CLEC's expense. **(ISSUE # 7)**

10.03 Issuance of Licenses and Immediate Access When No Make-ready Work is Required. If, on the basis of CLEC's representations or SBC MISSOURI'S field inspection, if any, SBC MISSOURI determines that no make-ready work is necessary to accommodate CLEC's facilities, SBC MISSOURI will issue a license without performing make-ready work and pole attachment or conduit occupancy space will be made available to CLEC for immediate access in accordance with Section 10.09 **(ISSUE # 4)**

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 SBC MISSOURI or by authorized contractors–or other persons acting on SBC MISSOURI'S behalf and shall be performed by SBC MISSOURI in accordance with the same time intervals which would be applicable if SBC MISSOURI were performing the work for itself.

(a) CLEC and SBC MISSOURI will mutually establish and maintain a list of authorized contractors who may be selected by CLEC to perform make-ready work when SBC MISSOURI'S interval for beginning or completing such make ready work does not meet CLEC's needs.

(b) If SBC MISSOURI'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 SBC MISSOURI 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 CLEC and SBC MISSOURI 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 SBC MISSOURI'S cables**,** remove slack, or perform any splicing (wire work) on SBC MISSOURI'S cables.

10.05 Make-ready Work. If SBC MISSOURI determines that make-ready work will be necessary to accommodate CLEC's facilities, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'S estimate of make-ready charges, which estimate shall be stated on SBC MISSOURI 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 SBC MISSOURI'S estimate of make-ready charges to authorize completion of the make-ready work proposed by SBC MISSOURI or to advise SBC MISSOURI of its willingness to perform the proposed make-ready work itself. If CLEC advises SBC MISSOURI that it is willing to perform the make-ready work proposed by SBC MISSOURI in accordance with a design approved by SBC MISSOURI, and SBC MISSOURI'S specifications, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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, SBC MISSOURI 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 SBC MISSOURI'S inquiry, CLEC does not immediately sign and return the estimate to SBC MISSOURI.

(2) If CLEC timely notifies SBC MISSOURI that it is electing to treat SBC MISSOURI'S make-ready requirements as a denial of access, SBC MISSOURI 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 SBC MISSOURI'S decision to grant access only if the specified make-ready work is performed, and shall explain how such evidence and information relates to SBC MISSOURI'S decision for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. The statement shall also set forth the basis for SBC MISSOURI'S make-ready proposals and specifically address SBC MISSOURI'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 SBC MISSOURI'S poles or occupying space in SBC MISSOURI'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 SBC MISSOURI'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, 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 SBC MISSOURI for the use of such additional capacity. If SBC MISSOURI utilizes additional space or capacity created at CLEC's expense, SBC MISSOURI will reimburse CLEC on a pro-rata basis for SBC MISSOURI'S share, if any, of CLEC's capacity expansion costs, to the extent reimbursement is required by applicable rules, regulations, and commission orders. SBC MISSOURI will notify the CLEC if any entity, including SBC MISSOURI, attaches facilities to additional capacity on SBC MISSOURI'S structure created at CLEC's expense. SBC MISSOURI 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, SBC MISSOURI will issue a license confirming that CLEC may attach specified facilities to SBC MISSOURI'S poles or place specified facilities in SBC MISSOURI'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**,** except as otherwise specifically provided in (a) this Appendix, (b) any other written agreement between the parties providing for such access, or (c) the provisions of any applicable tariffs or commission orders. **(ISSUE # 4)**

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 SBC MISSOURI'S poles and the actual placement of its facilities in SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way.

11.02 Construction Schedule. After the issuance of a license, CLEC shall provide SBC MISSOURI with an updated construction schedule and shall thereafter keep SBC MISSOURI informed of anticipated changes in the construction schedule. Construction schedules received by SBC MISSOURI 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 SBC MISSOURI'S poles or the placement of CLEC's facilities in any part of SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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.

(c) **(ISSUE # 4)**

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 SBC MISSOURI, 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 SBC MISSOURI. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify SBC MISSOURI of such use and must either vacate the maintenance duct within 30 days or, with SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI of changes to such information. The manager responsible for routine maintenance of CLEC's facilities shall, on SBC MISSOURI'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 SBC MISSOURI in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities attached to a pole, or located in any SBC MISSOURI duct or conduit. The notice shall contain sufficient information to enable SBC MISSOURI 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 SBC MISSOURI'S poles, ducts, or conduits, and having no effect on the ability of SBC MISSOURI or joint users to use or have access to SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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. SBC MISSOURI 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 SBC MISSOURI that the proposed additions, relocations, replacements, or modifications will not require make-ready work by SBC MISSOURI, will not interfere with SBC MISSOURI'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 SBC MISSOURI'S Request. CLEC acknowledges that, from time to time, it may be necessary or desirable for SBC MISSOURI 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 SBC MISSOURI'S own business needs or by factors outside of SBC MISSOURI'S control, such as the decision by a municipality to widen streets or the decision by another person or entity to seek access to SBC MISSOURI'S poles, ducts, conduits, or rights-of-way.

(a) CLEC agrees that CLEC will cooperate with SBC MISSOURI 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 SBC MISSOURI of the required rearrangements.SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI, 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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI, 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 SBC MISSOURI of such use and must either vacate the maintenance duct within 30 days or, with SBC MISSOURI'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 SBC MISSOURI construction district, CLEC shall provide SBC MISSOURI 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 SBC MISSOURI of changes to such information.

15.04 Reporting of Conditions Requiring Emergency Repairs. CLEC shall notify SBC MISSOURI at the earliest practicable opportunity after discovering any condition on or in any of SBC MISSOURI'S poles, ducts, conduits, or rights-of-way requiring emergency repairs to SBC MISSOURI'S facilities and SBC MISSOURI shall notify CLEC at the earliest practicable opportunity after discovering any condition on or in any of SBC MISSOURI'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, SBC MISSOURI, 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) SBC MISSOURI 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 SBC MISSOURI on a nondiscriminatory basis in accordance with the principles set forth in this section.

15.06 Unilateral Corrective Action. When SBC MISSOURI or CLEC reasonably believes that, due to the condition of either party's facilities placed on, within, or in the vicinity of SBC MISSOURI'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 SBC MISSOURI'S or CLEC's facilities, or SBC MISSOURI'S or CLEC's ability to meet its service obligations, SBC MISSOURI 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, SBC MISSOURI 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, SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI when emergency pole replacements are required.

(a) When emergency pole replacements are required, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI replacement pole, the transfer shall be in accordance with SBC MISSOURI'S placement instructions.

(c) If CLEC is unable to respond to the emergency situation immediately, CLEC shall so advise SBC MISSOURI and thereby authorize SBC MISSOURI (or any joint user sharing the pole with SBC MISSOURI) 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 SBC MISSOURI for the costs incurred by SBC MISSOURI for work performed by SBC MISSOURI on CLEC's behalf in accordance with the provisions of this article; provided, however, that when the costs incurred by SBC MISSOURI are for work performed in part for CLEC and in part for SBC MISSOURI and third parties, CLEC shall only reimburse SBC MISSOURI for CLEC's share of the costs.

ARTICLE 16: INSPECTION BY SBC MISSOURI OF CLEC'S FACILITIES

16.01 SBC MISSOURI'S Right to Make Periodic or Spot Inspections. SBC MISSOURI shall have the right, but not the duty, to make periodic or spot inspections at any time of CLEC's facilities attached to SBC MISSOURI'S poles or placed within SBC MISSOURI'S ducts, conduits, or rights-of-way. Such inspection may be conducted for the purpose of determining whether facilities attached to SBC MISSOURI'S poles or placed in SBC MISSOURI'S conduit system are in compliance with the terms of this Appendix and licenses hereunder).

(a) If Attaching Party's facilities are in compliance with this Agreement, there will be no charge incurred by CLEC for the periodic inspection. If CLEC 's facilities are not in compliance with this Agreement, SBC MISSOURI may charge Attaching Party for the inspection. The cost of Periodic Inspections will be paid by the Attaching Parties with 2% or greater of their attachments in violation. The amount paid by CLEC shall be the percentage that their violations bear to the total violations of all Attaching Parties found during the inspection.

(b) If the inspection reflects that CLEC's facilities are not in compliance with the terms of this Appendix, CLEC shall within 30 days after notification commence the work to bring its facilities into compliance and shall diligently pursue completion of such work within a mutually agreeable period of time thereafter. CLEC shall notify SBC MISSOURI in writing when the facilities have been brought into compliance. If any make ready or modification work to SBC MISSOURI's Structure is required to bring CLEC's facilities into compliance, CLEC shall provide notice to SBC MISSOURI and the make ready work or modification will be treated in the same fashion as make ready work or modifications for a new request for attachment. **(ISSUE # 8)**

16.02 Report of Inspection Results. SBC MISSOURI will provide CLEC the results of any inspection of CLEC's facilities performed under Section 16.01 of this Appendix.

16.03 Intentionally Left Blank **(ISSUE # 9)**

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 SBC MISSOURI'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)-(c) of this section, SBC MISSOURI may, without notice to any person or entity, remove from SBC MISSOURI'S poles or any part of SBC MISSOURI'S conduit system any untagged or unmarked facilities, including any such facilities owned or used by CLEC, if SBC MISSOURI determines that such facilities are not the subject of any current license authorizing their continued attachment to SBC MISSOURI'S poles or occupancy of SBC MISSOURI'S conduit system and are not otherwise lawfully present on SBC MISSOURI'S poles or in SBC MISSOURI'S conduit system.

(a) Before removing any such untagged or unmarked facilities, SBC MISSOURI 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 SBC MISSOURI'S poles or in SBC MISSOURI'S conduit system.

(b) SBC MISSOURI 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 SBC MISSOURI'S poles or in SBC MISSOURI'S conduit system, SBC MISSOURI 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 SBC MISSOURI in writing of its schedule for tagging the facilities, or notify SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'S poles or within any part of SBC MISSOURI'S conduit system or rights-of-way, SBC MISSOURI 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 SBC MISSOURI, in writing, an application for a new or amended license with respect to such facilities. CLEC shall be liable to SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI of the unauthorized attachment or occupancy. CLEC shall also rearrange or remove its unauthorized facilities at SBC MISSOURI'S request to comply with applicable placement standards and shall remove its facilities from any space occupied by or assigned to SBC MISSOURI or another entity within 30 days of receiving notice to do so. CLEC shall pay SBC MISSOURI for all costs incurred by SBC MISSOURI 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, SBC MISSOURI 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, SBC MISSOURI may, at SBC MISSOURI'S option, remove CLEC's facilities at CLEC's expense.

17.03 Updating of Plant Location Records. CLEC shall furnish SBC MISSOURI, upon request, with such information as may from time to time be necessary for SBC MISSOURI to correct and update SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI, when practicable, at least 30 days' advance notice in writing of its intent to remove facilities from any part of SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'S manholes (if SBC MISSOURI would itself plug the ducts under the same circumstances) in accordance with the standards set by SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'S request, CLEC shall remove from SBC MISSOURI'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 SBC MISSOURI'S poles, in SBC MISSOURI'S ducts, conduits, or rights-of-way, at any location where they may block or obstruct access to SBC MISSOURI'S poles or any part of SBC MISSOURI'S conduit system, or on any public or private property (other than property owned or controlled by CLEC) in the vicinity of SBC MISSOURI'S poles, ducts, conduits, or rights-of-way.

18.03 Removal Following Termination of License. CLEC shall remove its facilities from SBC MISSOURI'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 SBC MISSOURI'S poles or the placement of such facilities in SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI stating the date on which the removal of its facilities from SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI'S Intent to Remove Facilities. If CLEC fails to remove its facilities from SBC MISSOURI'S poles or conduit system, in accordance with the provisions of Sections 18.01 and 18.05 of this Appendix, SBC MISSOURI 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 SBC MISSOURI 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) SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI. If SBC MISSOURI removes any of CLEC's facilities pursuant to this article, CLEC shall reimburse SBC MISSOURI for SBC MISSOURI'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 SBC MISSOURI'S poles or placed in SBC MISSOURI'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 SBC MISSOURI when it ceases to use facilities attached to SBC MISSOURI'S poles or placed in any part of SBC MISSOURI'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. The following rates and administrative fees shall apply during the terms of the parties' Interconnection Agreement and shall not be increased or
decreased except as provided herein or by Commission order.

SBC MISSOURI 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.

(a) Rates for Pole Attachments and Conduit Occupancy. In accordance with the Missouri Public Service Commission's arbitration order in Case No.

TO-97-40, CLEC shall pay SWBT rates of $2.35 per year per pole attachment and $0.40 per duct foot per year for conduit occupancy, until such time as the Federal Communications Commission promulgates amended rules governing pole attachment and conduit occupancy rates. Conduit occupancy rates apply to manhole occupancy, calculated to the center point of the manhole. Pole attachment and conduit occupancy rates charged by SWBT to CLEC under this Appendix will then be adjusted in accordance with the FCC's rules on a going-forward basis.

(b) Administrative Fees. As provided by the Missouri Public Service Commission's arbitration order in Case No. TO-97-40, SWBT shall be allowed to charge administrative fees to CLEC. The amount charged by SWBT to CLEC for administrative fees shall be identical to the amount charged by SWBT to CATV providers. Further, in accordance with the Missouri Public Service Commission's arbitration order in Case No. TO-97-40, if the FCC promulgates rules governing the assessment of administrative fees, those rules shall apply to administrative fees charged by SWBT to CLEC on a going-forward basis.

(c) Partial Duct and Inner Duct Occupancy Rates. SWBT's rates for partial duct and inner duct occupancy shall be determined in accordance with the Pole Attachment Act and applicable rules, regulations, and Commission orders thereunder. Partial duct and inner duct rates shall be standardized Appendix Poles, Conduits, and Rights-of-Way-MO (M2A)
rather than determined on a case-by-case basis which requires individual analysis of conduit sections occupied. If two or more cable facilities occupy a duct that has not been subdivided by inner duct, a half-duct occupancy rate will apply for each cable facility placed in the duct. A halfduct occupancy rate will apply to the first facility placed by CLEC in a previously unoccupied duct that has not been subdivided by inner duct if the presence of CLEC's cable facility does not render the other half of the duct unusable by others. A half-duct rate shall apply to each inner duct occupied. If the FCC promulgates rules governing rates for partial duct and inner duct occupancy, those rules shall apply, on a going forward basis, to partial duct and inner duct occupancy rates charged to CLEC by SWBT under this Appendix.

19.02 Semiannual Attachment and Occupancy Fees.
SBC MISSOURI'Ss semiannual fees for attachments to SBC MISSOURI'Ss poles and occupancy of SBC MISSOURI'Ss ducts and conduits are specified in Exhibit I. For all attachments to SBC MISSOURI'Ss poles and occupancy of SBC MISSOURI'Ss ducts and conduits, CLEC agrees to pay SBC MISSOURI 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 SBC MISSOURI, 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 SBC MISSOURI, 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 SBC MISSOURI pursuant to Section 9.05 of this Appendix, SBC MISSOURI may charge CLEC cost-based pre-license survey fees pursuant to such methodologies as shall be approved by the MISSOURI Corporation Commission following the filing of SBC MISSOURI 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. SBC MISSOURI may recover from CLEC the costs of make-ready work performed by SBC MISSOURI or persons acting on SBC MISSOURI'S behalf. SBC MISSOURI will require payment of the full amount in advance, subject to true up of the estimated costs with the actual costs.

19.06 Charges for Work Performed by SBC MISSOURI Employees. Except as otherwise specifically required by applicable commission orders, SBC MISSOURI'S charges to CLEC for worked performed by SBC MISSOURI 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 SBC MISSOURI'S charges for work performed by SBC MISSOURI 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 SBC MISSOURI to determine hourly rates for SBC MISSOURI 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 SBC MISSOURI 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. SBC MISSOURI 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)-(b) of this section. Bonds shall not be required for entities meeting all self-insurance requirements of Section 21.02 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, SBC MISSOURI may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute bonds equivalent to those which would be required by SBC MISSOURI if the work had been performed by contractors, subcontractors, or other persons selected directly by SBC MISSOURI. 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 SBC MISSOURI'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 SBC MISSOURI, 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 SBC MISSOURI 60 days written notice.

(d) SBC MISSOURI 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 21.02 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 SBC MISSOURI as an additional insured and shall include provisions requiring the insurer to give SBC MISSOURI notice of any lapse, cancellation, or termination of the policy or any modification to the policy affecting SBC MISSOURI'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 SBC MISSOURI.

(c) Authorized contractors and other contractors performing work on, within, or in the vicinity of SBC MISSOURI'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 SBC MISSOURI'S behalf. CLEC shall be responsible for securing compliance by its contractors with this requirement and shall be liable to SBC MISSOURI 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 21.02 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 SBC MISSOURI adequate proof (as determined by SBC MISSOURI) that the companies insuring CLEC are providing all coverages required by this Appendix. CLEC's insurers shall provide SBC MISSOURI 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 SBC MISSOURI.

(b) SBC MISSOURI 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. SBC MISSOURI 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 a least 10 times the minimum liability limits set forth in Exhibit IV and SBC MISSOURI 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 21.02, must be in effect before SBC MISSOURI 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 SBC MISSOURI'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, SBC MISSOURI 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 SBC MISSOURI to obtain) the required coverage from another source. In the alternative, SBC MISSOURI 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 SBC MISSOURI, terminate this Appendix if CLEC ceases to do business in this State, or ceases to make active use of SBC MISSOURI'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 SBC MISSOURI'S poles, ducts, conduits, and rights-of-way will not materially interfere with or impair service over any facilities of SBC MISSOURI or any joint user, cause material damage to SBC MISSOURI'S plant or the plant of any joint user, impair the privacy of communications carried over the facilities of SBC MISSOURI or any joint user, or create serious hazards to health or safety of any persons working on, within, or in the vicinity of SBC MISSOURI'S poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, SBC MISSOURI 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 SBC MISSOURI 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 22.02 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 SBC MISSOURI. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by CLEC to SBC MISSOURI 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 SBC MISSOURI facilities. This article does not limit the use by SBC MISSOURI of aggregate information relating to the occupancy and use of SBC MISSOURI'S poles, ducts, conduits, and rights-of-way by firms other than SBC MISSOURI (that is, information submitted by CLEC and aggregated by SBC MISSOURI 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 SBC MISSOURI 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 23.03 to 23.06.

23.03 Permitted Uses of CLEC's Confidential or Proprietary Information. SBC MISSOURI and persons acting on SBC MISSOURI'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 SBC MISSOURI'S outside plant records; (b) placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing SBC MISSOURI'S poles, ducts, conduits, and rights-of-way and any SBC MISSOURI facilities located on, within, or in the vicinity of such poles, ducts, conduits, and rights-of-way; (c) performing SBC MISSOURI'S 3 obligations under this Appendix and similar agreements with third parties; (d) performing SBC MISSOURI'S general obligations to afford nondiscriminatory access to telecommunications carriers and cable television systems under the Pole Attachment Act; (e) determining which of SBC MISSOURI'S poles, ducts, conduits, and rights-of-way are (or may in the future be) available for SBC MISSOURI'S own use, and making planning, engineering, construction, and budgeting decisions relating to SBC MISSOURI'S poles, ducts, conduits, and rights-of-way; (f) preparing cost studies; (g) responding to regulatory requests for information; (h) maintaining SBC MISSOURI'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 SBC MISSOURI'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 SBC MISSOURI and any person or entity, including CLEC, concerning SBC MISSOURI'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, SBC MISSOURI 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 SBC MISSOURI shall not disclose CLEC's Proprietary or Confidential Information without first, at SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI shall not disclose CLEC's proprietary or confidential information without first, at SBC MISSOURI'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.

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a **SBC MISSOURI**
SOUTHWESTERN BELL TELEPHONE COMPANY
BY SBC TELECOMMUNICATIONS, INC., ITS AUTHORIZED AGENT

By: _____
Signature of SBC MISSOURI'S Authorized Officer/Employee:

_____
Name of SBC MISSOURI'S Authorized Officer/Employee (Printed or Typed)

_____
Position/Title of SBC MISSOURI'S Authorized Officer/Employee

_____
Date

CLEC

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

ATTACHMENT 14: PERMANENT NUMBER PORTABILITY

1.0 Provision of Local Number Portability

1.1 SBC MISSOURI and CLEC shall provide to each other, on a reciprocal basis, number portability in accordance with requirements of the Act.

2.0 Location Routing Number - Permanent Number Portability (LRN-PNP)

2.1. SBC MISSOURI and CLEC shall work to implement the LRN-PNP solution in accordance with the relevant FCC rulings and NANC (North American Numbering Council) guidelines.

2.2 Requirements for LRN-PNP

2.2.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in FCC 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 PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

2.2.2 LRN-PNP employs an "N-1" Query Methodology.

2.2.2.1 For interLATA or intraLATA toll calls, the originating carrier will pass the call to the appropriate toll carrier who will perform a query to an external routing database and efficiently route the call to the appropriate terminating local carrier either directly or through an access tandem office. Where one carrier is the originating local service provider (LSP) and the other is the designated toll carrier, the originating LSP will not query toll calls delivered to the toll carrier or charge the toll carrier for such queries.

2.2.2.2 For a local call to a ported number, the originating carrier is the "N-1" carrier. It will perform an external database query and pass the call to the appropriate terminating carrier.

2.2.3 For local calls to an NXX in which at least one number has been ported via LRN-PNP at the request of a CLEC, the Party originating the call shall be responsible to query an LRN-PNP database or to pay for another Party to query this database as soon as the call reaches the first LRN-PNP-capable switch in the call path. The Party originating the call shall query on a local call to an NXX in which at least one number has been ported via LRN-PNP prior to any attempts to route the call to any other switch. Prior to the first number in an NXX being ported via LRN-PNP at the request of a CLEC, SBC MISSOURI may query all calls directed to that NXX, subject to the billing provisions of Section 4.1, and provided that SBC MISSOURI'S queries shall not adversely affect the quality of service to CLEC's customers or end-users as compared to the service SBC MISSOURI provides its own customers and end-users.

2.2.4 A Party shall be charged for an LRN-PNP query by the other Party only if the Party to be charged is the N-1 carrier and it was obligated to perform the LRN-PNP query but failed to do so. The only exception will be if the FCC rules (Docket No. 95-116) that the

terminating carrier may charge the N-1 carrier for queries initiated before the first number is ported in an NXX.

2.2.5 On calls originating from a Party's network, the Party will populate, if technically feasible, the Jurisdiction Information Parameter (JIP) with the first six digits of the originating LRN in the Initial Address Message.

2.3 SMS Administration

SBC MISSOURI and CLEC shall cooperate to facilitate the expeditious deployment of LRN-PNP based LNP through the process prescribed in the documents referenced in Section 2.1.1 of this Attachment including, but not limited to development of SMS, as well as SMS testing for effective procedures, electronic system interfaces, and overall readiness for use consistent with that specified for Provisioning in this Agreement.

2.4 Ordering

2.4.1 Porting of numbers with PNP will be initiated via Local Service Requests (LSR) based on Ordering and Billing Forum (OBF) recommendations.

2.4.2 Both Parties agree to provide a Firm Order Confirmation (FOC) within Industry defined time frames when an LSR is sent to one Party by the other Party

2.4.3 For the purposes of this Attachment, the parties may use a project management approach for the implementation of LSRs for large quantities of ported numbers or for complex porting processes. With regard to such managed projects ("projects"), the parties may negotiate implementation details such as, but not limited to: Due Date, Cutover Intervals and Times, Coordination of Technical Resources, and Completion Notice.

3.0 Requirements for PNP

3.1 Cut-Over Process

3.1.1 SBC MISSOURI and CLEC shall cooperate in the process of porting numbers to minimize ported subscriber out-of-service time. For cutover to LRN-PNP, both SBC MISSOURI and CLEC agree to update their switch translations, where necessary, after notification that physical cut-over has been completed (or initiated), as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.

3.1.2 SBC MISSOURI and CLEC shall cooperate in the process of porting numbers from one carrier to another so as to limit service outage for the ported subscriber. SBC MISSOURI and CLEC will use their best efforts to update their respective Local Service Management Systems (LSMS) from the NPAC SMS data within 15 minutes after receipt of a download from the NPAC SMS (the current North American Numbering Council goal for such updating).

3.1.3 If a Party, by its own error, disconnects the end user, that Party may not assess fees on the other Party or assess a charge to the end user to reconnect service.

3.1.4 At the time of porting a number via LRN-PNP, the Party from which the number is being ported shall insure that the LIDB entry for that number is deprovisioned.

3.1.5 The Parties will remove (as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.) a ported number from the end office from which the number is being ported, as coordinated by the Parties' respective technicians. The 59 minute period shall commence upon the Frame Due Time (FDT) shown on the receiving party's LSR, or as otherwise negotiated by the parties on a project basis, unless the unconditional PNP (10-digit) trigger is set. The parties recognize that it is in the best interest of the consumer for this removal to be completed in the most expedient manner possible. Therefore, SBC MISSOURI and CLEC agree that a 30 minute interval is a goal towards which both companies will work, however both CLEC and SBC MISSOURI recognize that there will be instances where the interval may be up to 59 minutes. If the unconditional PNP trigger is set, the ported number must be removed at the same time that the unconditional PNP trigger is remove

3.1.6 The Party from whom a number is porting will set the 10-digit trigger at the other Party's request, either on an individual customer basis or for all customers, at the option of the requesting Party.

3.2 Obligations of Parties

3.2.1 When CLEC requests that an NXX in an LRN capable SBC MISSOURI switch become portable, the Parties shall follow the industry standard LERG procedure.

3.2.2 The Parties shall adhere to SBC MISSOURI Local Service Request (LSR) format and PNP due date intervals.

3.3 If Integrated Services Digital Network User Part (ISUP) signaling is used, both parties shall provide, if technically feasible, the Jurisdiction Information Parameter (JIP) in the SS7 Initial Address Message (IAM). (See Generic Switching and Signaling Requirements for Number Portability, Issue 1.0, February 12, 1996 [Editor – Lucent Technologies, Inc.])

3.4 Limitations of Service

3.4.1 Neither Party shall be required to provide number portability for excluded numbers defined by FCC orders, as updated from time to time, e.g., 500 NPAs, 900 NPAs, 950 and 976 NXX number services, OCS NXXs (i.e., numbers used internally by either Party for its business purposes), and others as excluded by FCC rulings issued from time to time) under this Agreement. The term "Official Communications Service (OCS)" means the internal telephone numbers used by SBC MISSOURI or CLEC.

3.4.2 Telephone numbers can be ported as a basic network offering only within SBC Missouri rate centers as approved by the State Commission. "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) offering. An end user may retain his phone number assignment when moving from one rate center to another by receiving tariffed FX

service from his new service provider or by the use of a Tariffed "Remote Call Forwarding" offering from his new service provider. The term "FX" in this attachment refers to number assignments and moves outside of rate centers, and is different from the term "FX" in the Compensation attachment which refers number assignments and moves outside of a mandatory local calling area.

3.5 Mass Calling

3.5.1 Both SBC MISSOURI and CLEC are required to offer number portability of telephone numbers with “choke” (i.e., mass calling) NXXs in a manner that complies with the FCC's criteria.

3.5.2 SBC MISSOURI will provide mass calling code portability using a non-LRN solution as specified below.

3.5.3 Service Provided

3.5.3.1 SBC MISSOURI 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 SBC MISSOURI mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the SBC MISSOURI mass calling tandem mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the SBC MISSOURI 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.

3.5.3.2 When a CLEC requests that a SBC MISSOURI number with a mass calling NXX code be ported to its network, SBC MISSOURI 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.

3.5.4.2 SBC MISSOURI will not charge the CLEC for the use of its choke network by the CLEC’s mass calling customer. In exchange, SBC MISSOURI shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

3.5.5 Obligations of CLEC

3.5.5.1 CLEC shall agree to adhere to SBC MISSOURI LSR format and mass calling due date intervals.

3.5.5.2 The CLEC shall provide the facility and DID trunk group from the SBC MISSOURI CSO to the CLEC’s serving office. The CLEC shall size this one-way MF trunk group.

3.5.5.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

3.5.6 CLEC Mass Calling Codes

3.5.6.1 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 SBC MISSOURI mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from SBC MISSOURI 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 SBC MISSOURI 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.

3.5.6.2 MF and SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where SBC MISSOURI and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility

3.6 Intentionally left blank.

3.7 Porting of DID Block Numbers

3.7.1 SBC MISSOURI and CLEC shall offer number portability to customers for any portion of an existing DID block without being required to port the entire block of DID numbers.

3.7.2 SBC MISSOURI and CLEC shall permit customers who port a portion of DID numbers to retain DID service on the remaining portion of the DID numbers, provided such is consistent with applicable tariffs; provided that the parties agree that nothing herein shall be deemed a waiver or estoppel of CLEC's positions that: (1) SBC MISSOURI should permit customers who port a portion of a DID block to retain DID service on the remaining portion of the DID block; and (2) that SBC MISSOURI should offer customers who port a portion of a DID block a discount that is proportional to the amount of the DID block that has been ported, nor shall CLEC be prejudiced in any present or future proceedings from asserting said positions.

4.0 Pricing

4.1 The Parties agree that FCC approved rates for Service Provider Number Portability (SPNP) are found in FCC No. 73 Access Services Tariff – Section 34. These rates define terms under which SPNP Query Service, SPNP Query Service-Database, and Basic SPNP Service are offered.

4.2 When a CLEC orders Coordinated Hot Cut (CHC) service, SBC MISSOURI shall charge and the CLEC agrees to pay for service at the "additional time and material" rates set forth in Appendix Pricing UNE (T2A) Schedule of Prices.

4.2.1 Coordinated Hot Cut (CHC) is an option service that permits the CLEC to request SBC MISSOURI to hold translations in the donor switch until the CLEC gives verbal instruction to implement the porting.

4.3 Reference CHC Attachment 29 for additional information

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 SBC MISSOURI 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"(ANI) or "Calling Party Number"(CPN) allows for identification of the telephone number that originates a call. In some instances, the station number of the calling party is not identified using ANI or CPN , in these instances the Calling Party will be identified by using a billing telephone number.

*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

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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.

1.14 Centralized Automatic Message Accounting (CAMA) Trunk - A trunk capable of transmitting Automatic Number Identification associated with E911 customer calls from a switch to the E911 Network.

2. SBC MISSOURI RESPONSIBILTIES

2.1 SBC MISSOURI 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 SBC MISSOURI is the 911 Service Provider. SBC MISSOURI 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 SBC MISSOURI is the 911 Service Provider. This shall include the following:

2.2 Call Routing

2.2.1 SBC MISSOURI 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 SBC MISSOURI will forward the calling party number (ANI) it receives from CLEC and the associated 911 Automatic Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, SBC MISSOURI will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, SBC MISSOURI will report this "No Record Found" condition to the CLEC in accordance with NENA standards.

2.3 Facilities and Trunking

2.3.1 SBC MISSOURI shall provide and maintain sufficient dedicated E911 trunks from the SBC MISSOURI SR to the PSAP of the E911 Customer, according to provisions of the MISSOURI Corporation Commission, and documented specifications of the E911 Customer.

2.3.2 SBC MISSOURI will provide facilities to interconnect the CLEC, as specified in Attachment 11: Network Interconnection Architecture and the Interconnection Trunking Requirements (ITR) and Network Interconnection Methods (NIM) Appendices of this agreement. 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, SBC MISSOURI shall, in a timely fashion and at no charge**,** 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 SBC MISSOURI and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the SBC MISSOURI SR(s)in accordance with industry standards**.**

2.4 Database

*2.4.1 Where SBC MISSOURI manages the E911 database, SBC MISSOURI 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 SBC MISSOURI shall coordinate access to the SBC MISSOURI E911 DBMS for the initial loading and updating of CLEC end user 911 Records.

2.4.3 SBC MISSOURI 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 SBC MISSOURI will update CLEC's end user 911 Records in the E911 DBMS, at no charge to CLEC, if CLEC uses SBC's E911 Gateway to maintain the CLEC's end user records. SBC MISSOURI 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 SBC MISSOURI manages the DBMS, SBC MISSOURI 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 SBC MISSOURI manages the DBMS, SBC MISSOURI shall establish a process for the management of NPA splits by populating the DBMS with the appropriate NPA codes.

*2.4.7 SBC MISSOURI will be responsible for identifying and correcting database errors that are caused by SBC MISSOURI.

3. CLEC RESPONSIBILITIES

3.1 Call Routing

3.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the SBC MISSOURI SR office of the E911 system, where SBC MISSOURI is the 911 Service Provider.

3.1.2. CLEC will forward the ANI information of the party calling 911 to the SBC MISSOURI 911 Selective Router.

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3.2 Facilities and Trunking

3.2.1 *CLEC shall provide interconnection at each appropriate SBC MISSOURI 911 Selective Router that serves each exchange area in which CLEC is authorized to and will provide 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 SBC MISSOURI 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 SBC MISSOURI SR.

3.2.5 CLEC shall provide sufficient trunking and facilities to route CLEC's originating 911 calls to the designated SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI.

3.2.9 CLEC will cooperate with SBC MISSOURI to promptly test all 911 trunks and facilities between CLEC's network and the SBC MISSOURI 911 Selective Router(s), in accordance with industry standards, 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). SBC MISSOURI 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 SBC MISSOURI of the circuit identification and the fact that the circuit is a 911 circuit when notifying SBC MISSOURI of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. SBC MISSOURI will refer network trouble to CLEC if no defect is found in SBC MISSOURI's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

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 SBC MISSOURI for inclusion in SBC MISSOURI's DBMS on a timely basis. SBC MISSOURI and CLEC shall arrange for the automated input and periodic updating of CLEC's end user 911 Records.

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*Conformed to Commission Arbitration Order

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 SBC MISSOURI 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 SBC MISSOURI 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 retail end users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on the local service provider and/or retail end users by any municipality or other governmental entity within whose boundaries the CLEC provides local exchange service.

*4. INTENTIONALLY LEFT BLANK

5. RESPONSIBILITIES OF BOTH PARTIES

5.1 The Parties shall jointly coordinate the provisioning of transport capacity sufficient to route originating 911 calls from CLEC to the designated SBC MISSOURI 911 Selective Router(s).

6. METHODS AND PRACTICES

6.1 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.

7. CONTINGENCY

7.1 The terms and conditions of this Attachment represent a negotiated plan for providing E911 Service.

*7.2 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 SBC MISSOURI and CLEC. 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 SBC MISSOURI not later than forty-five (45) days prior to the date CLEC intends to begin providing basic local exchange service in a particular rate center in which CLEC is authorized to provide local telephone exchange service. SBC MISSOURI shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than fifteen (15) days after receipt of Exhibit I from CLEC.

*7.3 CLEC must obtain documentation of approval of the completed Exhibit I the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's retail end users are located. CLEC shall provide documentation of all requisite approval(s) to SBC MISSOURI prior to use of CLEC's E911 connection for actual emergency calls.

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*7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Attachment 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 from the applicable E911 customer(s) 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 7.2.

7.5 The Parties designate the following representatives who shall have the authority to execute additional Exhibits 1 to this Attachment when necessary to accommodate expansion of CLEC's geographic area into the jurisdiction of additional PSAPs or to increase the number of 911 trunks:

SBC MISSOURI representative:

911 Account Manager
4 Bell Plaza, 21st Flr
311 S. Akard St.
Dallas, TX 75202-5398

CLEC representative:

CLEC Contact
CLEC
Address
City, State ZIP
Telephone Number

8. BASIS OF COMPENSATION

8.1 Compensation to SBC MISSOURI for provision of connection to E911 service provided hereunder will be based upon the charges set forth in Exhibit II, Basis Of Compensation, and applied as specified in Exhibit I.

8.2 Charges will begin on the date connection to E911 service commences.

9. MONTHLY BILLING

9.1 SBC MISSOURI will render to CLEC monthly statements in advance, showing the amounts determined as provided in Section 7. above. Payment will be made in accordance with Section 8 (Billing), Section 3 (Assurance of Payment), Section 9 (Payment of Rates and Charges) and Section 13 (Dispute Resolution) of the General Terms and Conditions of this Agreement, including the provisions governing resolution of billing disputes.

10. LIABILITY

*10.1 SBC MISSOURI liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. SBC MISSOURI 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 SBC MISSOURI has been notified and has had reasonable time to repair, shall in no

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event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

10.2 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 SBC MISSOURI, CLEC shall not be liable to SBC MISSOURI, 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 SBC MISSOURI until service is restored.

10.3 CLEC agrees to release, indemnify, defend and hold harmless SBC MISSOURI from any and all Loss arising out of SBC MISSOURI 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 SBC MISSOURI.

10.4 CLEC also agrees to release, indemnify, defend and hold harmless SBC MISSOURI 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 SBC MISSOURI.

Exhibit I to Attachment 15: E911

CLEC SERVING AREA DESCRIPTION AND E9-1-1 INTERCONNECTION DETAILS				
CLEC Name & Contacts	**CLEC "OCN"**	**9-1-1 Intercon. Addr.**	**Switch Type**	**CLEC NPA/NXX(s) Included**
				NPA Code(s):
E9-1-1 Manager			**CLLI Code**	
	CLEC Telco ID			
			Trunk ACTL CLLI	**Estimated # of EAAs**
9-1-1 Database Manager	**CLEC Service Area Description:**		**"Connect Signal" Digits**	
	Rate Center(s):		1 - 1	**# 9-1-1 Trunks Requested**
Switch Site Contact			**"Default" PSAP / ESN**	
				SS7 Point Code

SBC E9-1-1 SYSTEM CONFIGURATION ASSOCIATED WITH DESIGNATED E9-1-1 CONTROL OFFICE				
E9-1-1 CONTROL OFFICE:		**RATE CENTER(s) FOR MSAG PULL** (1)	**PSAPs INCLUDED**	**E9-1-1 CUSTOMER and AGENCY TYPE** (see legend below)
CLLI Code:				
		Rate Center(s):		
E9-1-1 Features Required:	ANI/ALI/SR			
# of 9-1-1 Trunks for LSP:				
MSAG Update Interval:	Monthly			
ALI Database Provider:				
ACCOUNT MANAGER:				
LOG NUMBER				
FOOTNOTES: (1)	Mechanized copy of MSAG is provided when SBC is the ALI database provider.			
(2)				
(3)	Only areas within the the listed exchanges and also within the jurisdiction of this PSAP			
	are included. PSAP's jurisdiction may include areas within other telco exchanges.			

"TYPE of AGENCY" LEGEND:			**Prepared by:**	
HRC	=	Home Rule City		
ECD	=	Emergency Communications District		voice
COG	=	Council of Governments or Regional Planning Commission		fax
(blank)	=	(blank space for use as needed to define another agency type)		email
STATUS of EXHIBIT:			**Date Prepared**	

EXHIBIT II - BASIS OF COMPENSATION

This Exhibit II is attached to and made a part of Attachment 15: E911.

A. The following trunk charges will be paid to SBC MISSOURI for each E911 control office to which CLEC connects.

Trunk Charge	Monthly Recurring	Nonrecurring
Channel (Each)	$85.00 per trunk	$170.00 per trunk

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.

1.0 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, SBC MISSOURI 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 SBC MISSOURI provides this protection to its own facilities. SBC MISSOURI 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 SBC MISSOURI.

1.3 SBC MISSOURI will follow mutually agreed upon notification procedures in the event it becomes necessary for a SBC MISSOURI employee to enter into the exclusive CLEC collocated space except in an emergency situation in which SBC MISSOURI 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's personnel or authorized designee, where CLEC is physically collocated, to inspect or observe spaces that house or contain CLEC's equipment or equipment enclosures after such time as SBC MISSOURI 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 SBC MISSOURI provides to itself.

1.8 Limiting the keys used in SBC MISSOURI'S keying systems for cages which contain or house CLEC*'s* equipment or equipment enclosures to SBC's employees for required access only. Any access required other than emergency will be coordinated with CLEC to allow escort opportunity. SBC MISSOURI will change locks at CLEC's request and expense where a security breach is known or suspected and the breach is not caused by SBC MISSOURI.

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 SBC MISSOURI is aware.

1.12 CLEC and SBC MISSOURI 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.

2.0 Revenue Protection

2.1 SBC MISSOURI will make available to CLEC to the extent that SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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.

3.0 Law Enforcement Interface

3.1 SBC MISSOURI 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. SBC MISSOURI will provide assistance twenty-four (24) hours per day for situations involving immediate threat to life or at the

request of law enforcement officials. SBC MISSOURI will provide a twenty-four (24) hour contact number to administer this process.

ATTACHMENT 17: Performance Measurements

This Attachment 17: Performance Measurements sets forth the terms and conditions under which SBC MISSOURI will report performance to CLEC and compare that performance to SBC MISSOURI'S own performance or benchmark criteria, whichever is applicable.[1] Enforcement measures through liquidated damages for failure to meet certain performance measures, set forth in this Attachment, are agreed upon in the Performance Remedy Plan included in a separate agreement of the Parties (Performance Remedy Plan).

1.0 SBC Missouri agrees to provide CLEC a monthly report of performance for the performance measures listed in Appendix 2. SBC MISSOURI will collect, analyze, and report performance data for these measures in accordance with SBC MISSOURI'S Performance Measurement Business Rules, as approved by the Public Service Commission of Missouri (the "Commission" or "PSC"). Both the performance measures and the business rules are subject to modification in accordance with Section 3.0.

2.0 For purposes of this Attachment, performance results (whether in the form of means, percentages, or rates) will be measured in a single month for the same measurement at equivalent levels of disaggregation, for both SBC MISSOURI (or its affiliate purchasing the same service from SBC under an ICA) and CLEC. Compliance will be determined separately for each CLEC and disaggregation level, based on statistical tests or by direct comparison with an established standard (benchmark), as defined in the Performance Remedy Plan.

3.0 A workshop and/or conference shall be organized and held annually for the purpose of evaluating the existing performance measures and determining whether any measures should be deleted, modified or any new measures added. Provided however, no new measures shall be added which measures activities already governed by existing measures. CLEC may actively participate in this annual workshop with SBC MISSOURI, other CLECs, and Commission representatives.

3.1 As provided in the Performance Remedy Plan, no changes to remedies/liquidated damages (remedies) or any other term or condition of this Attachment affecting remedies, including but not limited to the level of remedies to be paid by SBC and the application of a benchmark, shall be made except by the consent of the Parties only and shall not be effective until and memorialized in an amendment to the Performance Remedy Plan. Except as otherwise provided in the Performance Remedy Plan, neither Party shall have a right to seek Missouri Public Service Commission jurisdiction or intervention to address any issues affecting remedies. Any dispute concerning remedies or modification to the current remedy plan shall be resolved pursuant to the dispute resolution provisions of that separate agreement.

3.2 CLEC and SBC MISSOURI will consult with one another and attempt in good faith to resolve any issues regarding the accuracy or integrity of data collected, generated, and reported pursuant to this Attachment. In the event that CLEC requests such consultation and the issues raised by CLEC have not been resolved within 45 days after CLEC's request for consultation, then SBC MISSOURI will allow CLEC to have an independent audit conducted, at CLEC's expense, of SBC MISSOURI'S performance measurement data collection, computing, and reporting processes. In the event the subsequent audit reinforces the problem identified during the 45 day consultation period or if any new problem is identified, SBC MISSOURI shall reimburse the CLEC any expense incurred for such audit. CLEC may not request more than one audit per twelve calendar months under this section.

[1] Identification of specific network elements by name in this Attachment, including all Appendices hereto, shall not be interpreted to require SBC Missouri to continue to measure, report or credit remedies for any such elements once such elements are no longer required to be provided on an unbundled basis under section 251 of the Act or the parties' ICA.

4.0 GENERAL ASSESSMENTS PAYABLE TO THE MISSOURI STATE TREASURY:

4.1 If SBC MISSOURI fails to submit performance reports by the last business day of the month, the following assessments apply unless excused for good cause by the Commission:

If no reports are filed, $5,000 per day past the last business day of the month;

If incomplete reports are filed, $1,000 per day for each measurement affected by missing performance results, subject to a maximum of $5,000.

4.2 If SBC MISSOURI alters previously reported data to a CLEC, and after discussions with SBC MISSOURI the CLEC disputes such alterations, then the CLEC can request that the Commission review the submissions and the Commission may take appropriate action. This does not apply to the limitation stated under the section entitled "Exclusions Limited."

4.3 Assessments under this section will not be included in determining the applicability of the cap in the Performance Remedy Plan.

5.0 REPORTS

5.1 CLEC will have access to monthly reports on performance measures and business rules through an Internet website that includes individual CLEC data, aggregate CLEC data, and SBC MISSOURI'S state aggregate data.

5.2 In the event SBC MISSOURI misses any measurement for two consecutive months, for each succeeding violation of that measurement, upon request from a CLEC, SBC MISSOURI shall conduct a joint investigation with the requesting CLEC to identify and resolve the problem in a cooperative manner. Such corrective action may include additional training, allocation of additional resources, or modification of SBC MISSOURI processes, to the extent appropriate.

5.3 SBC Missouri will not levy a separate charge for provision of the data to CLEC called for under this Attachment. SBC Missouri will make raw data available to CLEC via the CRDWS - CLEC Raw Data Web Site. Raw data for the current period will be posted in detail files for downloading by the last business day of each month. These files will be available for download for 60 days from the date of posting, after which the earliest monthly file will be replaced with the raw data file for the current month. Notwithstanding any other provisions of this Agreement, the Parties agree that such records will be deemed Proprietary Information.

6.0 Attached hereto, and incorporated herein by reference, are the following Appendices:

Appendix 1: Performance Measurement Business Rules (Version 4.0)

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PERFORMANCE MEASUREMENTS BUSINESS RULES

A. Pre-Ordering/Ordering

1.1. Measurement	
Average Response Time for Manual Loop Make-Up Information	
Definition:	
The average time required to provide manual loop qualification for xDSL capable loops measured in business days.	
Exclusions:	
Manual requests for Loop Makeup Information not initiated by the CLEC; however, manual requests initiated by the LSC as part of the ordering process when no mechanized loop qualification data is available will be included.	
Business Rules:	
For a DataGate/EDI/CORBA or EnhancedVerigate initiated request, the start date and time is when the request is received in the Loop Qual System. The end date and time for the DataGate/EDI/CORBA or EnhancedVerigate request is when the loop makeup information has either has been e-mailed back to the CLEC or, if the CLEC does not want email, is available in the Loop Qual System. For manual requests for Loop Makeup Information initiated by the LSC as part of the ordering process, the start date and time is the receipt date and time of the good LSR. The end date and time is when the loop makeup information is available in the Loop Qual System. SBC will provide raw data to CLECS in an agreed to format, on a monthly basis, without the need for a request from a CLEC, until such time as both parties agree it is no longer necessary.	
Calculation:	**Report Structure:**
∑(Date and Time the Loop Qualification is made available to CLEC – Date and Time the CLEC request is received)/Total number of loop qualifications	By CLEC, All CLECs and SBC or its affiliates (or SBC acting on behalf of its affiliate).by state.
Disaggregations and Benchmarks:	
None	3 business days (Critical Z does not apply)

2. Measurement	
Percent Responses Received within "X" seconds – OSS Interfaces	
Definition:	
The percent of responses completed in "x" seconds for pre-order interfaces (EnhancedVerigate, EDI and CORBA) by function.	
Exclusions:	
None	
Business Rules:	
Timestamps for the uniform interfaces (EnhancedVerigate, EDI and CORBA) are taken at the SBC Pre-Order Adapter and do not include transmission time through the xRAF or protocol translation times**.** The clock starts on the date/time when the query is received by the SBC Pre-Order Adapter and stops at the date/time the SBC Pre-Order Adapter passes the response back to the interfacing application (EnhancedVerigate, EDI pre-order or CORBA). The response time is measured only within the published hours of interface availability as posted on the CLEC on-line website. For the protocol translation response times, interface input times start at the time the interface receives the pre-order query request from the CLEC and the end time is when the connection is made to the SBC Pre-Order Adapter for processing. Interface output times start when the interface receives the response message back from SBC Pre-Order Adapter and the end time is when the message is sent to the CLEC. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.	
Calculation:	**Report Structure:**
(# of responses within each time interval ÷ total responses) * 100	Reported on a CLEC, all CLECs, and SBC affiliate where applicable (or SBC acting on behalf of its affiliate), by interface, by state.

Disaggregations and Benchmark:

Overall transactions returned within required interval. Benchmark 95%
Does not include Protocol Translation times as noted below.

No damages will apply to the Protocol Translation Times for EDI and EnhancedVerigate. (Note – Nonuniform DataGate/EDI/CORBA have been eliminated from PM #2 due to the elimination of this interface.) (Critical Z does not apply)

All measurements below will be reported on a diagnostic basis.

Measurement	**EnhancedVerigate, EDI and CORBA**
Address Verification	95% in <= 10 seconds
Telephone Number Assignment (includes random inquiry, reservation, confirmation and cancellation transactions) Telephone Number Assignment – Specific Inquiry	95% in <= 10 seconds 95% in <= 20 seconds
Customer Service Summary (non-uniform) /Customer Service Inquiry (Uniform) < = 30 WTNs (Also broken down for Lines as required for DIDs).	95% in <=15 seconds
Service/Feature Availability	95% in <=13 seconds
Service Appointment Scheduling (Due Date)	95% in <=5 seconds
Dispatch Required	95% in <=19 seconds

PIC / LPIC	95% in <=25 seconds
Actual Loop Makeup Information requested	95% in <= 60 seconds
Design Loop Makeup Information requested(includes Pre-Qual transactions)	95% in <=15 seconds
Protocol Translation Time – EDI(input and output)	95% in <= 4 seconds
Protocol Translation Time – CORBA (input and output)	95% in <=1 seconds
Protocol Translation Time – EnhancedVerigate (input and output)	95% in <= 1 seconds Diagnostic

4 Measurement	
OSS Defects Per Million Opportunities (DPMO)	
Definition:	
OSS Interface Defects per Million Minutes Opportunities of Scheduled Availability	
Exclusions:	
• Scheduled interface outages for major system releases or system maintenance where CLECs were provided with advanced notification of the downtime in compliance with SBC Southwest's change management process • Undetected Interface outages reported by a CLEC that were not reported to SBC Southwest's designated trouble reporting center within 5 business days	
Business Rules:	
The "Minutes of Scheduled Availability" are the cumulative number of Minutes over which SBC Southwest plans to offer and support CLEC access to SBC Southwest's operational support systems (OSS) functionality during the reporting period. "OSS Defects" are the actual number of minutes, during the scheduled available time, that the SBC Southwest interface is incapable of accepting, receiving and/or responding to CLEC transactions or data files. An "OSS Defect" for pre-order includes all minutes of unavailability by the pre-order disaggregations listed below. Under this measure there is no consideration of "partial availability" (i.e. degraded service conditions). SBC will not schedule normal maintenance during OSS Hours of availability as posted on the CLEC web site unless otherwise notified via an accessible letter. SBC Southwest will not schedule normal maintenance during business hours (8:00 a.m. to 5:30 p.m. central time Monday through Friday).	
Calculation:	**Report Structure:**
Minutes of outage / Minutes of scheduled availability * 1,000,000	CLECs in the aggregate (except for RAF which is reported by CLEC)
Disaggregations and Benchmarks:	
• Verigate (interface only) = 5000 DPMO • EDI Pre-Order (interface only) = 3000 DPMO • CORBA Pre-Order (interface only) = 3000 DPMO • Total of all 5 Pre-Order function disaggregations = 5,000 DPMO • LEX = 5000 DPMO • EDI Ordering = 3000 DPMO • EBTA GUI = 5000 DPMO • EBTA App-to-App = 5000 DPMO • SBC Southwest RAF (by CLEC) = 5000 DPMO • SBC Toolbar = 5000 DPMO • EASE reported for Consumer and Business = Diagnostic (Critical Z does not apply)	

5. Measurement: (PM 5 combined with PM 5.2)
Percent Firm Order Confirmations (FOCs) Returned on time for LSR requests and returned within X days on ASR requests.
Definition:
Percent of FOCs returned to the CLEC within a specified time frame from receipt of a complete and accurate service request to return of confirmation to CLEC.
Exclusions:

For LSRs

- Rejected (manual and electronic) LSRs.
- SBC only Disconnect orders.
- Services ordered out of the Access Tariff
- Interconnection Orders
- Unbundled Dedicated Transport Orders

For ASRs

- All LSRs
- Access Orders purchased from SBC tariffs
- Rejected (manual and electronic) ASRs
- SBC Only disconnect Orders

Business Rules:

FOC business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m. to 5:30 p.m, excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime); the valid start time will be the next business day at 8:00 a.m. For LSRs received electronically requiring no manual intervention by the LSC, the OSS hours of operation will be used in lieu of the LSC hours of operation (i.e., actual OSS processing time outside of LSC hours will not be excluded in calculating the interval). The returned confirmation to the CLEC will establish the actual end date/time. For UNE Loop and Port combinations, orders requiring N, C, and D orders; the FOC is sent back at the time the last order that establishes service is distributed.
All UNE P orders are categorized as Simple or Complex in the same manner as Retail or Resale orders are categorized. All orders that flow through EASE are categorized as Simple and all orders that do not flow through EASE are categorized as Complex.

A Mechanized Business Ordering system (MBOS) document is required for engineering of trunks that must take place prior to the request being worked.
The MBOS form must be initiated by the LSC service representative with information from the LSR for services such as Centrex, DIDs, Plexar I, Package II, Plexar II Basic, Plexar Custom Basic, and PRI services such as Smart Trunks, Select Video, etc. Once the MBOS form is completed, the LSC service representative must release it to the other involved departments for review and determination of the design information and to determine the necessary steps to provide the services. This may involve review of TN number availability, design circuit provisioning, translations requirements, etc. to determine the service availability and due date. Depending on the service and complexity of the request, the return of the MBOS could be 3-5 days. Therefore, the FOC is to be negotiated for any services that require an MBOS.

If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.

ENHANCEDLEX/EDI

For ENHANCEDLEX and EDI originated LSRs, the start date and time is the receive date and time that is automatically recorded by the interface (EDI or ENHANCEDLEX) with the system date and time. The end date and time is recorded by the interface (EDI or ENHANCEDLEX) and reflects the actual date and time the FOC is available to the CLEC. For LSRs where FOC times are negotiated with the CLEC, the ITRAK entry on the SORD service order is used in the calculation.

MANUAL REQUESTS

Manual service order requests are those initiated by the CLEC by fax. The fax receipt date and time is recorded and input into WFM. The end time is the actual date and time that a successful attempt to send a paper fax is made back to the CLEC or in cases where fax receipt is prevented at CLEC's facility, the end date and time will be the 2nd attempt to send fax to the CLEC. If a CLEC does not require a paper fax, the FOC information is provided via the FOC/SOC Website, and the end time is the date and time the FOC is loaded to the Website. The ITRAK-FID is used when FOC times are negotiated with the CLEC. The LSC populates the ITRAK-FID with certain pre-established data entries that are used in the FOC calculation.

FOR ASRs:

FOC business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m.-5:30 p.m., excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime); the valid start time will be the next business day at 8:00 a.m. The returned confirmation to the CLEC will establish the actual end date/time. The ITRAK-FID is used when FOC times are negotiated with the CLEC. The LSC populates the ITRAK-FID with certain pre-established data entries that are used in the FOC calculation.

In the event that the Access Service Order Guidelines/Access Service Request (ASOG/ASR) Bi-Annual Release occurs during LSC hours of operation, that time will be excluded from the determination of timely FOCs.

Calculation:	Report Structure:
(# FOCs returned within "x" hours ÷ total FOCs sent) * 100	Reported by CLEC, all CLECs, and SBC affiliate where applicable (or SBC acting on behalf of its affiliate). This includes mechanized from EDI and ENHANCEDLEX and manual (e.g. FAX or phone orders). By State.
Disaggregations and Benchmarks:	

1. Electronic/Electronic LSRs	1. Electronic – Electronic 95% within 45 minutes
2. Manual Intervention LSRs	2. 95% within
A. Mechanized Simple Res/Bus/UNE-P/Mechanized UNE Loop (1-49)/Mechanized Switch Ports/ Mechanized LNP with Loop (1-19)/ EELS	A. 5 Hours
B. Mechanized UNE xDSL Capable Loop (1-20)	B. 6 Hours
C. Mechanized UNE xDSL Capable Loop (>20)	C. 14 Hours
D. Manual and Mechanized Complex Bus (1-200)/ Manual and Mechanized LNP Complex Business (1-19)/Manual Simple Res./Bus/UNE-P/Manual UNE Loop(1-49)/ Manual LNP with Loop (1-19)/ Manual LNP Complex Business (1-19)/Manual UNE xDSL Capable Loop (1-49)	D. 24 Hours
E. Manual and Mechanized Complex Bus (>200)/Manual and Mechanized UNE Loop (>50)/ Manual and Mechanized LNP Complex Business (20-50 Lines)/ Complex UNE-P/ Manual and Mechanized LNP with Loop (>20)/Manual UNE xDSL Capable Loop (> 49)	E. 48 Hours
F. Manually and Mechanized LNP Complex Business (>50)/ MBOS related services (Centrex, Plexar I Pkg II, Plexar II, Plexar Custom Basic) < Negotiated with Notification of Timeframe within 24 Clock Hours/ Projects	F. Negotiated interval
3. ASRs A. Interconnection Facilities and Trunks B. Unbundled Dedicated Transport DS3s C. Unbundled Dedicated Transport DS1s D. Projects	3. 95% within A. 7 business days B. 5 business days C. 1 business days D. Negotiated Interval (Critical Z does not apply)

7.1 Measurement	
Percent Mechanized Completion Notifications Available Within one Business Day of Work Completion	
Definition:	
Percent Mechanized Completion Notifications Available Within one Business Day	
Exclusions:	
Exclude Weekends And Holidays	
Business Rules:	
Days are calculated by subtracting the date the SOC was available to the CLEC via EDI/LEX minus the order completion date. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.	
Calculation:	**Report Structure:**
(# mechanized completions notifications returned to the CLEC within 1 business day of work completion ÷ total mechanized completions notifications) * 100	Reported by CLEC and all CLECs and SBC Affiliate, by state.
Disaggregations and Benchmark:	
None	97% (Critical Z does not apply)

10. Measurement (PM 10 combined with PM 10.1)	
Percent Mechanized/Manual Rejects Returned Within "X" hours of receipt of LSR	
Definition:	
Percent mechanized rejects returned within one hour of the receipt of the LSR	
Exclusions:	
For manual rejects received electronically only, rejects of LSRs received through manual process.	
Business Rules:	
Mechanized Rejects The start time used is the date and time the LSR is recorded by the interface (EDI/Enhanced LEX) if it falls during normal system processing hours of operation, as defined in the published hours of operation document on the CLEC online website. If the interface start time is outside of normal processing hours, then the start date/time is set to the next closest posted processing start time. The end time is the date and time the reject notice is available to the CLEC via EDI or Enhanced LEX. A mechanized reject is any reject made available to the CLEC electronically without manual intervention. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time. Manual Rejects Received Electronically The start time is the time the LSR is received electronically via EDI or Enhanced LEX if it falls during normal business hours of operation. Reject business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m. to 5:30 p.m., excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime), the valid start time will be the next business day at 8:00 a.m. The end time is the date and time the reject notice is available to the CLEC via EDI/ Enhanced LEX. A manual reject is a reject of an electronically received LSR that requires manual intervention. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.	
Calculation:	**Report Structure:**
(# mechanized rejects returned within 1 hour ÷ total rejects) * 100 (# electronic manual rejects returned within 6 hours of receipt of LSR÷ total electronic manual rejects) * 100	Reported for CLEC and all CLECs and SBC affiliate, by state.
Disaggregations and Benchmark:	
1 Mechanized 2. Manual rejects received electronically	1. 97% within 1 hour 2. 97% within 6 hours (Critical Z does not apply)

10.2 Measurement:	
Percentage of Orders that receive SBC-caused Jeopardy Notifications	
Definition:	
Percentage of total orders received electronically via LEX/EDI and processed for which SBC notifies the CLEC that an order is in jeopardy of meeting the due date, due to SBC cause.	
Exclusions:	
N and D service orders	
Business Rules:	
Percentage of Orders Given Jeopardy Notices measures the number of jeopardy notices sent to customers as a percentage of the total number of orders completed in the period. A jeopardy is a notification provided to the CLECs where SBC identifies the potential for not meeting the scheduled due date (LOF or additional information). Jeopardy Code changes, additions or deletions are part of the LSOR change management process. Updates will be provided to the CLECs in advance as outlined in the OSS release Accessible Letters. In the event a new code is established, changed or deleted between LSOR releases, SBC will notify the CLECs via an Accessible Letter. These Accessible Letters will be listed/posted on SBC's CLEC website with the applicable LSOR, until the LSOR online documentation has been updated with the modification.	
Calculation:	**Report Structure:**
(Number of orders jeopardized ÷ Number of orders confirmed) * 100	Reported by CLEC and all CLECs, by state.
Disaggregations and Benchmarks:	
• Jeopardies previously referred to as Rejects (See Accessible Letter CLECSS99-175 dated December 30, 1999) • Facilities Jeopardies • Other SBC caused Jeopardies • CLEC/EU caused Jeopardies A list of current Jeopardy codes may be found in CLEC Online in the CLEC Handbook User Guides/Tech Pubs section. Choose Ordering, LSOR 6+ (13 State) Local Service Ordering Requirements, LSOR 6+ (13 State Documentation, Volume II, SBC Local Responses, Local Response Jeopardy, RCODE – Reason Code..	Diagnostic

11.2 Measurement:
Average SBC-caused Jeopardy Notification Interval
Definition:
Measures the average remaining time between the pre-existing committed order completion date and time (communicated via the FOC) and the date and time SBC issues a notice to the CLEC indicating an order received electronically via LEX/EDI is in jeopardy of missing the due date (or the due date/time has been missed). Jeopardy Code changes, additions or deletions are part of the LSOR change management process. Updates will be provided to the CLECs in advance as outlined in the OSS release Accessible Letters. In the event a new code is established, changed or deleted between LSOR releases, SBC will notify the CLECs via an Accessible Letter. These Accessible Letters will be listed/posted on SBC's CLEC website with the applicable LSOR, until the LSOR online documentation has been updated with the modification.
Exclusions:
• N and D Service orders
Business Rules:
With respect to this interval, it is assumed that the order due date time is 5:00 PM for uncoordinated orders, and the Jeopardy date and time will be the actual date and time that SBC issues a notice and is available to the CLEC indicating an order is in jeopardy of missing the due date. With regards to coordinated orders (CHC/FDT) the scheduled due date and time will be used. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time. Business Hours are 8:00 AM-5:30 PM, M-F.
Levels of Disaggregation:

- Jeopardies previously referred to as Rejects (See Accessible Letter CLECSS99-175 dated December 30, 1999)
- Facilities Jeopardies

  POTS (includes the following):
  - 8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)
  - 8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)
  - 5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access
  - UNE Platform – POTS

  UNE SPECIALS or Designed Services (includes the following):
  - BRI Loop with Test Access
  - ISDN BRI Port
  - DS1 Loop with Test Access
  - DS1 Dedicated Transport
  - Subtending Channel (23B)
  - Subtending Channel (1D)
  - Analog Trunk Port
  - Subtending Digital Direct Combination Trunks
  - DS3 Dedicated Transport
  - Dark Fiber
  - DSL Loops – Line Sharing
  - DSL Loops – Non-Line Sharing
  - DSL Loops - Line Splitting
  - UNE-Platform-Specials

  Other SBC Caused

- Other SBC caused Jeopardies
- CLEC/EU caused Jeopardies

Calculation:	**Report Structure:**
Sum ((Committed Due Date /Time for the order) – (Date/Time of Jeopardy notice))/ (number of Jeopardy Orders)	Reported by CLEC and all CLECs and SBC affiliate by state.
Benchmark:	
Facilities Jeopardies: POTS – 1 hour UNE Specials – 4 hours Other SBC caused – 1 day Diagnostic only	

12.1 Measurement	
Percent Provisioning Accuracy	
Definition:	
Percent of completed service orders submitted via LEX/EDI that are provisioned as requested on the CLEC submitted LSR.	
Exclusions:	
• Cancelled Orders • Rejected orders due to CLEC caused errors	
Business Rules:	
This measurement compares all fields listed in Attachment 5 as submitted on the LSR to the associated service order that provisioned the requested services. SBC commits to make a good faith effort to maintain the list in Attachment 5 with any new fields that can be compared mechanically (e.g. features, PIC, etc.) when those fields have a legitimate impact on the customer. SBC Billing will inform the LSC and ASC through Bill Alerts, regarding situations that impact or potentially impact customer billing. The LSC and ASC will notify the affected CLECs upon receipt of the Bill Alerts.	
Calculation:	**Report Structure:**
(# of completed service orders with fields provisioned as ordered on the LSR's ÷ total service orders completed * 100	Reported by individual CLEC, CLECs and SBC, by state.
Disaggregations and Benchmarks:	
• Flow Through • Non-Flow Through Note: SBC will provide disaggregations by UNE-P, UNE Loop, LNP and others on a CLEC requested basis.	95%

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12.2 Measurement	
Percent Mechanized Line Loss Notifications Returned Within One Day Of Work Completion	
Definition:	
Percent mechanized line loss notifications returned within one business day of the completion of work.	
Exclusions:	
• Where CLEC accesses SBC's systems using a Service Bureau Provider, the measurement of SBC's performance shall not include Service Bureau Provider processing, availability or response time. • CLEC-caused misses and delays	
Business Rules:	
Days are calculated by subtracting the date the line loss notification was made available to the CLEC from the work completion date. The date that the last service order associated with the LSR is provisioned is the work completion date. The calculation is based on business days, using a full 24 hour day. This includes all products for which loss notifications are sent.	
Calculation:	**Report Structure:**
(# of mechanized line loss notifications returned to the CLEC within 1 day of work completion ÷ total line loss notifications) * 100	Reported for CLEC all CLECs, and SBC Affiliates, by state.
Disaggregations and Benchmarks:	
None	95% within one business day

13. Measurement	
Order Process Percent Flow Through	
Definition:	
Percent of orders from entry to distribution that progress through SBC ordering systems without manual intervention.	
Exclusions:	
• Excludes rejected orders • Manually received orders	
Business Rules:	
The number of eligible orders that flow through SBC's ordering systems and are distributed in SORD without manual intervention, divided by the total number of Eligible electronically generated orders within the reporting period. Orders that fall out for manual handling, that are worked by SBC and not rejected back to CLEC due to CLEC caused errors, will be included as failed pass-through occurrences. This measure is based on orders designed to flow through.	
Calculation:	**Report Structure:**
(# of orders that flow through ÷ total eligible electronic orders) * 100	Reported by CLEC, all CLECs and SBC and SBC affiliate, by state.
Disaggregations and Benchmarks:	
SBC will report its performance separately by order type (Resale POTS, UNE combinations POTS, Specials (resale and UNE combinations), UNE loops, DSL-capable loops, and other).	95%

13. 1 Measurement	
Overall Percent LSR Process Flow Through	
Definition:	
Percent of LSRs that progress through SBC's ordering, provisioning, and billing systems without manual intervention.	
Exclusions:	
• LSRs rejected electronically at LASR or MOG due to a CLEC-caused entry error	
Business Rules:	
The number of LSRs that are completely processed, through posting and through all relevant systems and databases, without manual intervention, divided by the total number of LSRs that are not rejected electronically at LASR or MOG due to a CLEC-caused entry error within the reporting period. LSRs for which SBC returns an erroneous electronic reject are counted in the denominator and as a failed pass through occurrence in the numerator. Other examples of LSRs that would be counted as failed pass-through occurrences in the numerator would include: • LSRs for which SBC returns a manually generated reject, order confirmation, or jeopardy notification, • LSRs for which SBC internal service orders are not electronically generated or as to which any manual entry is made on associated SBC internal service orders, • LSRs with any associated service orders that do not distribute out of SBC's SORD system without fall out or manual processing, • LSRs with any associated service orders that do not update databases without fall out or manual processing, • LSRs which result in any manual AIN trigger setting or manual switch translation work, • LSRs with any associated service orders that do not successfully post to each SBC back end billing systems without fall out or manual processing including error resolution.	
Calculation:	**Report Structure:**
(# of LSRs completely processed without manual intervention ÷ total # of LSRs not rejects at LASR or MOG due to CLEC-caused entry error) * 100	Reported by CLEC, all CLECs, SBC and SBC Affiliates by state.
Disaggregations and Benchmarks:	
SBC will report its performance separately by order type (Resale POTS, UNE combinations POTS, Specials (resale and UNE combinations), UNE loops, DSL-capable loops, and other).	Diagnostic

B. Billing

17.2New Measurement	
Billing Completion Notices	
Definition:	
Percentage of Billing Completion Notices sent within five business days after service order posting in SORD. For purposes of this measurement, service order posting in SORD occurs before service orders are sent to the respective billing system for billing completion.	
Exclusions:	
• Access Service Orders billed through CABS • Interconnection Trunk Orders • T-Orders when dual service is involved • Weekends and Holidays	
Business Rules:	
This measurement will determine percentage of Billing Completion notices sent to CLEC within 5 business days after service order posting in SORD. This measurement would include all SORD orders produced as a result of an LSR request (i.e., C, N, and D wholesale orders). For purposes of this measurement, service order posting in SORD occurs before service orders are sent to the respective billing system for billing completion. If multiple orders exist on a single LSR, the last order must post in SORD prior to triggering the five business day window. Billing Completion notices are not sent to CLEC until all related SORD orders have posted in the billing systems.	
Calculation:	**Report Structure:**
Sum (Number of Billing Completion Notices sent within 5 Business Days) / (Number of Billing Completion Notices sent) x 100	Reported by State
Disaggregations and Benchmarks:	
None	95% Billing Completion Notices within 5 business days of service order posting in SORD.

C. Miscellaneous Administrative

22. Measurement	
Local Service Center (LSC) Grade Of Service (GOS)	
Definition:	
Percent of calls answered by the Local Service Center (LSC) within 20 seconds.	
Exclusions:	
Excludes Weekends and Holidays.	
Business Rules:	
The clock starts when the customer enters the queue and the clock stops when a SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC customer call into the SBC call management system queue until the CLEC customer call is transferred to SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. Hours of operation are 8:00 a.m. to 5:30 p.m. Monday through Friday.	
Calculation:	**Report Structure:**
Total number of calls answered by the LSC within a specified period of time ÷ Total number of calls answered by the LSC	Reported for all calls to the LSC by operational separation
Disaggregations and Benchmarks:	
By SBC LSC	Parity with SBC RSC / BSC

22.1 Measurement:	
Mechanized Customer Production Support Center (MCPSC) Average Speed of Answer	
Definition:	
Average speed of answer for calls answered by the Mechanized Customer Production Support Center (MCPSC) for the SBC region.	
Exclusions:	
• Weekends • Holidays • Outside normal business hours	
Business Rules:	
The clock starts when a call enters the queue and the clock stops when a SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the MCPSC call management system queue until the CLEC call is transferred to a SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. Normal business hours of operation are 7:00 a.m. to 7:00 p.m. CST. Monday through Friday.	
Calculation:	**Report Structure:**
Total amount of time between the receipt of a call to the selected regional option for the MCPSC until the call is answered by the SBC representative / Total number of calls answered by the MCPSC.	Reported for all calls to the MCPSC.
Disaggregations and Benchmarks:	
None	Less than 120 seconds. Critical-Z does not apply.

25. Measurement	
Local Operations Center (LOC) Grade Of Service (GOS)	
Definition:	
Percent of calls answered by the Local Operations Center (LOC) within 20 seconds	
Exclusions:	
None	
Business Rules:	
The clock starts when the customer enters the queue and the clock stops when the SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC customer call into the SBC call management system queue until the CLEC customer call is transferred to SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. The Measure includes calls to the LOC related to provisioning activities, e.g., coordinated conversions, as well as maintenance activities.	
Calculation:	**Report Structure:**
Total number of calls answered by the LOC 20 seconds ÷ total number of calls answered by the LOC	Reported for all calls to the LOC by operational separation and SBC Retail Repair Bureau (CSB) for maintenance calls by state.
Disaggregations and Benchmarks:	
• Maintenance Calls (i.e., calls to 1-800-220-4818) • Provisioning Calls – DSL (i.e., calls to 1-817-212-5900) • Provisioning Calls – All other (i.e., calls to Resale:1-817-212-5598; calls to Interconnection: 1-817-212-5588) (The telephone numbers above are subject to change, but notification will be made via an Accessible Letter.)	• Parity with SBC CSB • 90% within 20 seconds (Critical Z does not Apply) • 90% within 20 seconds (Critical Z does not Apply)

D. Provisioning

28. Measurement (PM 28 combined with PM 56, PM 56.1, PM 73, and PM 91)

Percent POTS/UNE-P/Specials/UNES/LNP Loop/LNP Standalone/Interconnection Trunks Installations Completed Within the customer requested due date.

Definition:

POTS/UNE-P/Specials/UNEs/LNP Loops/LNP Standalone

Measure of orders (circuits for specials) completed within the customer requested due date when that date is greater than or equal to the standard offered interval, (see Due Date Interval Matrix at the end of this document.), or if expedited the date agreed to by SBC.

Interconnection Trunks

Percentage of interconnection trunks completed within the customer requested due date, where the requested customer requested due date is greater than or equal to 20 days or if expedited (accepted or not accepted) the date agreed to by SBC.

Exclusions:

- Excludes customer caused misses (e.g., customer not ready, construction not complete).
- Excludes all orders except N, T, and C orders.
- Excludes Weekends and Holidays.
- Excludes circuits requested for less than the standard offered interval unless agreed to by SBC
- NPAC caused delays unless caused by SBC (LNP only)

Business Rules:

POTS/UNE-P

The clock starts on the Application Date, which is the day that SBC receives a correct Service Order (EASE) / LSR (LEX or EDI). The clock stops on the Completion Date which is the day that SBC personnel complete the service order activity. Orders are included in the month they are completed. There are 2 types of orders in the measurement. Same Day Due orders (defined as distribution time EQUAL or BEFORE 3:00 p.m. and Application Date = Distribution Date = Due Date. Next Day Due orders (defined as distribution time AFTER 3:00 p.m. and Application Date = Distribution Date and Due Date is one business day after Application Date. If the order is Same Day Due, then (Completion – Application Date), if the order is Next Day Due, then [(Completion – Next Business Day) + 1]. UNE Combinations, are reported at order level.

Due dates for Field Work orders are determined by the offered interval on the due date board at the time that the order is distributed, unless an expedite has been accepted by SBC. If the CLEC submits an expedite which is not accepted or the LSR contains an invalid due date, the SBC agreed to due date will be substituted for the customer requested due date and included in this measure.

Due dates for No Field Work Orders will be the due date requested on the LSR, except that, for a No Field Work Order submitted after 3:00 p.m. and the due date requested is the same business day, the due date will be the next business day, unless an expedite has been accepted by SBC.

SBC will provide a diagnostic measure as to how often due date on FOC changes from requested. This will be in the form of a monthly report of the percentage of CLEC requested due dates which are confirmed by FOC, reported separately for resale and for UNE-P if technically feasible. (including/disaggregated by both Field Work and No Field Work orders).

Specials

The Application Date is the day that the customer initiated the service request. The Completion Date is the day that SBC personnel complete the service order activity by circuit. For orders requiring negotiated due dates, the negotiated due date will be considered the customer requested due date.

This measure is reported at a circuit level.

UNEs/EELS

The Application Date is the day that the customer initiated the service request. The Completion Date is the day that SBC personnel complete the service order activity by circuit. For orders requiring negotiated due dates, the negotiated due date will be considered the customer requested due date. This measure includes expedites agreed to by SBC. This measure is reported at a circuit level.

LNP Loops

The start time is the date of the receipt of an accurate LSR. The Completion Date is the day that SBC personnel complete the service order activity. If the CLEC submits the LSR prior to 3:00 p.m. the CLEC may request a 3 day interval. If the LSR is submitted after 3:00 p.m. the CLEC can request a 4 day interval. The base of items is out of WFA (Work Force Administration) and it is reported at an order level to account for different measurement standards based on the number of circuits per order.

LNP Standalone

Industry guidelines for due dates for LNP are as follows:

- For Offices in which NXXs are previously opened – 3 Business Days.
- New NXX – 5 Business days on LNP capable NXX.

The above-noted due dates are from the date of the FOC receipt.

For partial LNP conversions that require restructuring of customer account:

- 1-30 TNs: Add one additional day to the FOC interval. The LNP due date intervals will continue to be three business days and five business days from the receipt of the FOC depending on whether the NXX has been previously opened or is new.

>30 TNs, including entire NXX: The due dates are negotiated.

Interconnection Trunks

SBC will compare the completion date to the customer desired due date, where the requested customer requested due date is greater than or equal to 20 days or if expedited (accepted or not accepted) the date agreed to by SBC to determine the count of missed installations. The completion date is the date the work is completed and accepted by the CLEC. The measurement is taken for all circuits that complete in the reporting period. Interconnection trunks are selected based on a specific service code off of the circuit ID. Unsolicited FOCs will not be acknowledged in calculating due dates. (i.e., if an unsolicited FOC is received by CLEC, the due date on the first FOC will still be used as the due date.

Calculation:	Report Structure:
POTS/UNE-P/Specials/UNEs - (Count of orders/circuits installed within the requested interval ÷ total number of orders/circuits not subject to exclusions) * 100 LNP Loops/LNP Standalone - Count of N, T, C orders installed within customer requested due date ÷ total N, T, C orders excluding those requested earlier than the standard offered interval) * 100 Interconnection Trunks - (Count trunk circuits completed within the customer requested due date, where the requested customer requested due date is greater than or equal to 20 days or if	Reported for CLEC, all CLECs and SBC by state.

expedited (accepted or not accepted) the date agreed to by SBC ÷ total trunk circuits completed) * 100	
Disaggregations and Benchmarks:	
POTS 1. Field Work (FW) - Bus Class of Svc - Res Class of Svc 2. No Field Work (NFW) - Bus Class of Svc - Res Class of Svc 3. UNE-P -Field Work (FW) 4. UNE -P - No Field Work (NFW) 5. 8.0dB Loops (standalone and loop with LNP) Resale Specials/UNE 6. DS0 (DDS, VGPL, 5 db loops, switch ports) 7. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport 8. ISDN & BRI (resale, loops and ports) 9. DSL and Line Splitting 10. Line Sharing and IDSL) 11. EELS – DSO 12. EELS – DS1 13. Interconnection trunks 14. LNP only: NXXs previously opened and NXX new (1-30 TNs and greater than 30 TNs)	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types) 2. Resale POTS parity between No Field Work compared to SBC Retail No Field Work (N, T, C order types). 3. UNE-P Parity between Field Work compared to SBC Retail Field Work (N, T, C order types) 4. UNE-P Parity between No Field Work compared to SBC Retail No Field Work. (N, T, C order types). 5. 95% Resale Specials and UNEs 6. 95% 7. 95% in five days (Critical Z does not apply) 8. 95% 9. 95% 10. 95% 11. 90%(5 days), 92% in 6 months, 95% in a year 12. 90%(5 days), 92% in 6 months, 95% in a year (Critical Z does not apply) 13. 95% 14. 96.5%

30. Measurement (PM 30 Combined with PM 60)

Percent SBC Missed Due Dates Due To Lack of Facilities

Definition:

POTS/UNE-P/Specials/8.0 dB Loops

Percent N, T, and C orders with missed committed due dates due to lack of facilities.

UNEs

Percentage of UNEs circuits with missed committed due dates due to lack of facilities.

Exclusions:

- Excludes orders that are not N, T, or C.
- Interconnection Trunks.

Business Rules:

POTS/UNE-P –

The Due Date is the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC. The Completion Date is the day that SBC personnel complete the service order activity.

UNE-P- are reported at order level. The lack of facilities is selected based on the missed reason code.

Specials –

The Due Date starts the clock. The Completion Date is the day that SBC personnel complete the service order activity, which stops the clock. The source is WFA (Work Force Administration) and is at an item or circuit level. Specials are selected based on a specific service code off of the circuit ID and by selected center names that indicate resale. The lack of facilities is selected based on the missed reason code.

UNEs/EELS –

Any completion date that is greater than the due date with a SBC lack of facilities missed reason code. This measurement is reported at a circuit level for all UNEs with the exception of 8db loops, which are reported at an order level to facilitate comparison with POTS retail.

Calculation:	Report Structure:
(Count of orders / circuits with missed due dates due to lack of facilities ÷ total field work orders / circuits completed) * 100 (Calculated monthly based on posted orders)	Reported for CLEC, all CLECs and SBC Retail for POTS. By state.

Disaggregations and Benchmarks:

1. POTS- Field Work (FW) - Bus Class of Svc - Res Class of Svc	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types)
2. UNE-P - Field Work (FW)	2. UNE-P Parity between Field Work compared to SBC Field Work (N, T, C order types)
3. 8.0dB Loops	3. Compared to Business Retail POTS and Residence Retail POTS Combined
<u>Resale Specials/UNEs:</u> 4. DS0 (DDS, VGPL, switch ports)	4. 5%
5. DS1 and above (DS1, OCn and Dark Fiber) Loops and Transport	5. 4% (Critical Z does not apply) 6. 5%
6. ISDN & BRI (resale, loops, and ports)	7. 5%
7. DSL and Line Splitting	8. 5%
8. Line Sharing and IDSL	9. 5%
9. EELS – DS0 10. EELS – DS1	10. 8%, 4% in 6 months (Critical Z does not apply)
	Note: Comparisons are used for Diagnostic purposes only.

32. Measurement (PM 32 Combined with PM 62 and PM 74)

Average Delay Days For SBC Caused Missed Due Dates.

Definition:

POTS/UNE-P/Specials

Average calendar days from due date to completion date on company missed orders /circuit.

UNEs/EELS

Average calendar days from the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC, to completion date on company missed UNEs (8.0 dB loops are measured at an order level).

Interconnection Trunks

Average calendar days from customer requested due date where the date is greater than or equal to 20 days or if expedited (accepted or not) the date agreed to by SBC to completion date on company missed interconnection trunk orders.

Exclusions:

- Excludes orders that are not N, T, or C.

For Specials/UNEs/Interconnection Trunks Only:

- Excludes any incremental days attributable to the CLEC after the initial SBC caused delay. Does not exclude No Access attributable to the end user after the initial due date has been missed by SBC.

Business Rules:

Resale POTS and UNE-P - The Due Date is the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC. The Completion Date is the day that SBC personnel complete the service order activity. UNE-Ps are reported by the order that completes the service activity POTS and UNE-Ps are reported at an order level.

Specials - The calculation is the difference in calendar days between the completion date and the due date. The source is WFA (Work Force Administration) and is reported at a circuit level. Specials are selected based on a specific service code off of the circuit ID.

UNEs/EELS - The calculation is the difference in calendar days between the completion date and the FOC due date. The Due Date is the customer requested due date when that date is greater than or equal to the offered interval. If expedited (accepted or not accepted), the Due Date is the date agreed to by SBC, which is the due date reflected on the FOC. The data is reported at a circuit level. UNEs are selected based on a specific service code off of the circuit ID. This measurement is reported at a circuit level for all UNEs with the exception of 8.0 dB loops, which are reported at an order level to facilitate comparison with POTS retail.

Interconnection Trunking - The calculation is the difference in calendar days between the completion date (the date the CLEC accepts the circuit) and the customer requested due date where the date is greater than or equal to 20 days or if expedited (accepted or not) the date agreed to by SBC. The data is reported at a circuit level. Interconnection Trunks are selected based on a specific service code off of the circuit ID.

Calculation:	Report Structure:
Σ(Completion date – orders/committed circuits due date) ÷ (total # of completed orders/posted circuits with a SBC caused missed due date)	Reported for CLEC, all CLECs and SBC, by state.

Disaggregations and Benchmarks:

POTS 1. Field Work (FW) - Bus Class of Svc - Res Class of Svc No Field Work (NFW) - Bus Class of Svc - Res Class of Svc 2. UNE-P Field Work (FW) No Field Work (NFW) 3. 8.0dB Loops – FW 8.0dB Loops - NFW <u>Resale Specials/UNEs:</u> 4. DS0 (DDS, VGPL, 5.0 dB loops, switch ports) 5. DS1 and above (DS1, DS3, OCn, and Dark Fiber) Loops and Transport) 6. ISDN & BRI (resale, loops and ports) 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1 11. Interconnection Trunks	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types) and No Field Work compared to SBC Retail No Field Work (N, T, C order types). 2. UNE-P Parity between Field Work compared to SBC Field Work (N, T, C order types) and No Field Work compared to SBC Retail No Field Work. (N, T, C order types). 3. Compared to Business Retail POTS and Residence Retail POTS Combined – FW and NFW 4. 6 days 5. 6 days (Critical Z does not apply) 6. 5 days 7. 6 days 8. 6 days 9. 6 days 10. 6 days (Critical Z does not apply) 11. Parity with SBC Interoffice trunking network

35. Measurement (PM 35 Combined with PM 59 and PM 98)

Percent Trouble Report Within X Days (I-10 / I-30) of Installation

Definition:

Percent of N, T, C orders, (by circuit for specials), that receive an electronic or manual trouble report on or within10 calendar days for POTS/UNE-P, or 30 calendar days for specials), of service order completion.

Percentage of UNEs that receive a customer trouble report within X" calendar days, where "x" is 10 calendar days for 8db loops and 30 calendar days for all other UNEs, of service order completion.

Exclusions:

- Excludes subsequent reports. A subsequent report is a repair report that is received while an existing repair report is open on the same number.
- CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies.
- Excludes reports caused by customer provided equipment (CPE) or wiring, Interexchange Carrier/Competitive Access Provider, and Informational.
- Excludes trouble report received on the due date before service order completion.
- Interconnection Trunks
- Loops without test access - BRI
- Orders that are not N, T, or C.
- DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters, and bridged taps that are determined to be the cause of trouble.
- Trouble reports caused by lack of digital test capabilities on 2-wire BRI and IDSL capable loops where acceptance testing is available and not selected by the CLEC.
- UNE DS1 Loop trouble reports where CLEC chooses not to do cooperative testing or acceptance testing between CLEC and SBC due to CLEC reasons on the due date.
- Trouble reports for DSL stand alone loops caused by the lack of loop acceptance testing between CLEC and SBC due to CLEC reasons on the due date.
- CLEC-caused errors.
- NPAC-caused errors unless caused by SBC.
- Stand Alone LNP Orders with more than 500 number activations.

Business Rules:

POTS/UNE-P

Includes reports received the day after SBC personnel complete the service order through 10 calendar days after completion. The denominator for this measure is the total count of orders posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within 10 days of service order completion. These will be reported the month that they are closed. This will include troubles taken on the day of completion found to be as a result of a UNE-P conversion.

Resale specials

A trouble report is counted if it is flagged on WFA (Work Force Administration) as a trouble report that had a service order completion within 30 days. It cannot be a repeat report. The order flagged against must be an addition in order for the trouble report to be counted. Specials are selected based on a specific service code off of the circuit ID. . The denominator for this measure is the total count of orders posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within 30 days of service order completion and closed within the reporting month.

UNES/EELS

A trouble report is counted if it is received within "X" calendar days, where "X" is 10 calendar days for 8db loops and 30 calendar days for all other UNEs, calendar days of a service order completion. UNEs are selected based on a specific service code off of the circuit ID. This measurement is reported at a circuit level. The denominator for this measure is the total count of circuits posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within "X" calendar days where "X" is 10 calendar days for 8db and 5dB loops and 30 calendar days for all other UNEs**,** calendar days of service order completion that were closed during the reporting month.

Calculation:	**Report Structure:**
(Count of initial, electronic or manual trouble reports on or within X (where X is 10 days for POTS/UNE-P and 8dB loops, UNE-P, and 30 days for Resale Specials) calendar days of service order completion ÷ total # of orders/total circuits) * 100	Reported for POTS Resale by CLEC, total CLECs and SBC, by state.
Disaggregations and Benchmarks:	
1. POTS N& T orders C Orders Field Work (FW) No Field Work (NFW) Business class of service Residence class of service	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, and C order types) and No Field Work compared to SBC Retail No Field Work (N, T, and C order types).
2. UNE-P New/Move Orders Change/conversion Orders Field Work (FW) No Field Work (NFW)	2. UNE-P Parity between Field Work New and Move orders compared to SBC Field Work New and Move orders. Parity between Field Work Change and Conversion orders compared to SBC Field Work Change orders. Parity between No Field Work New and Move orders compared to SBC Retail No Field Work New and Move orders. Parity between No Field Work Change and Conversion orders compared to SBC Retail No Field Work Change orders.
	3. Compared to Retail POTS Business and Retail POTS Residence combined
3. 8.0dB Loop	4. 5%
Specials Resale/UNE	5. 4% (Critical Z does not apply)
4. DS0 (DDS, VGPL, 5 db Loops, & switch ports)	
5. DS1 and above (DS1,DS3, OCn and Dark Fiber) Loops and Transport	6. 5% 7. 5% 8. 5%
6. ISDN & BRI (resale, loops and ports)	

7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1	9. 8%, 5% in 6 months 10. 8%, 5% in 6 months (Critical Z does not apply)

101. Measurement:	
Percent Out of Service < 60 minutes	
Definition:	
The Number of LNP related conversions where the time required to facilitate the activation of the port in SBC's network is less than 60, expressed as a percentage of total number of activations that took place.	
Exclusions:	
• CLEC-caused errors. • NPAC-caused errors unless caused by SBC. • Stand Alone LNP Orders with more than 500 number activations.	
Business Rules:	
The Start time is the receipt of the NPAC broadcast activation message in SBC's LSMS. The End time is when the Provisioning event is successfully completed in SBC's network as reflected in SBC's LSMS. Count the number of activations that took place in less than 60 minutes.	
Levels of Disaggregation:	
• None	
Calculation:	**Report Structure:**
(Number of activations provisioned in less than 60minutes) ÷ (total LNP activations)* 100.	Reported by CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
None	96.5% Critical z-value does not apply

E. Maintenance

37.1 Measurement (PM 37.1 Combined with PM 65.1)	
Trouble Report Rate net of installation and repeat reports	
Definition:	
The number of electronic or manual customer trouble reports exclusive of installation and repeat reports within a calendar month, per 100 lines/circuits/UNEs.	
Exclusions:	
• Excludes reports caused by customer provided equipment (CPE), Interexchange Carrier/Competitive Access Provider, and Informational or wiring. • CLEC Excludable reports POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • Excludes installation reports. An installation report is defined as any report that comes in within "X" calendar days of service order completion, where "X" is 10 for POTS and 8db loops and "X" is 30 for special services. • Excludes repeat reports. A repeat report is defined as a trouble report received within X calendar days of a previous customer report, where X is 10 days for POTS, 8.0dB loops, UNE-P and 30 days for resale specials and all other UNEs. • Excludes BRI loops without test access • Excludes DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters, and bridged taps are determined to be the cause of trouble. • Excludes trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC. • UNE DS1 Loop trouble reports where CLEC chooses not to do cooperative testing or acceptance testing between CLEC and SBC due to CLEC reasons on the due date •	
Business Rules:	
POTS/UNE-P CLEC and SBC repair reports are entered and tracked. They are downloaded nightly. Reports are counted in the month they post. UNEs/EELS Repair reports are entered and tracked by trouble ticket type. Reports are counted in the month they post.	
Calculation:	**Report Structure:**
[Total number of customer trouble reports less installation and repeat reports ÷ (total lines or circuits) ÷100)]	Reported for POTS Resale trouble reports by CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	

1. POTS Business class of service Residence class of service	1. POTS- Parity with SBC retail
2. UNE – P	2. UNE-P – Parity with Retail POTS Business and Retail POTS Residence combined.
3. 8.0dB Loops	3. Parity with Retail POTS Business and Retail POTS Residence combined.
<u>Specials Resale/UNE</u> 4. DS0 (DDS, VGPL, 5 db Loops, switch ports)	4. 5%
5. DS1 and above (DS1, OCn and Dark Fiber) Loops and Transport	5. 4% (Critical Z does not apply)
6. ISDN & BRI (resale, loops and ports)	6. 5%
7. DSL and Line Splitting	7. 3%
8. Line Sharing and IDSL	8. 3%
9. EELS – DS0	9. 5%
10. EELS – DS1	10. 4% (Critical Z does not apply)

<table>
<tr><th colspan="2">38. Measurement (PM 38 Combined With PM 66)</th></tr>
<tr><td colspan="2">Percent Missed Repair Commitments</td></tr>
<tr><th colspan="2">Definition:</th></tr>
<tr><td colspan="2">Percent of trouble reports not cleared by the commitment time.</td></tr>
<tr><th colspan="2">Exclusions:</th></tr>
<tr><td colspan="2">• CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies.
• No Access and delayed maintenance for UNE loops.
• Specials and Interconnection Trunks
• Excludes trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational (UNE Only)</td></tr>
<tr><th colspan="2">Business Rules:</th></tr>
<tr><td colspan="2">POTS/UNE-P
The commitment date and time is established when the repair report is received. The cleared time is the date and time that SBC personnel clear the repair activity and complete the trouble report. If this is after the commitment time, the report is flagged as a “Missed Commitment.”
UNE Loops
The commitment time is currently defined as 24 hours for 8.0dB loops. If the cleared date and time minus the receive date and time > 24 hours, it counts as a trouble report that missed the repair commitment. UNEs are selected based on a specific service code off of the circuit ID.</td></tr>
<tr><th>Calculation:</th><th>Report Structure:</th></tr>
<tr><td>(Count of trouble reports not cleared by the commitment time ÷ total trouble reports) * 100</td><td>Reported for CLEC, all CLECs and SBC, by state.</td></tr>
<tr><th colspan="2">Disaggregations and Benchmark:</th></tr>
<tr><td>1. POTS - Residence
• Dispatch
• No Dispatch
POTS - Business
• Dispatch
• No Dispatch
2. UNE-P
• Dispatch
• No Dispatch
3. 8.0dB Loops</td><td>1. POTS - Parity with SBC Retail
2. UNE-P – Parity with SBC Retail POTS Business and Residence combined
3. Compared to SBC Retail POTS business and residence combined</td></tr>
</table>

39. Measurement (PM 39 Combines with PM 67 and PM 76)

Mean time to restore / Average Trunk Restoration Interval

Definition:

POTS/UNE-P

Average duration in calendar days / clock hours of customer trouble reports from the receipt of the customer trouble report to the time the trouble report is cleared.

UNES/EELS and Specials

Average duration of network customer trouble reports from the receipt of the customer trouble report to the time the trouble report is cleared excluding no access and delayed maintenance.

Interconnection Trunks

Average time to repair interconnection trunks. This measure is based on calendar days.

Exclusions:

- Subsequent reports. A subsequent report is one that is received while an existing repair report is open.
- CLEC excludable reports POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies.
- Exclude Tickets where the CLEC did not take the first available commitment time until SBC has the ability to exclude no access and delayed maintenance for POTS (WFA Conversion is expected to take place by the end of 2005).
- Exclude Vendor meets
- No Access Time
- Delayed Maintenance Time
- Trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational (does not apply to POTS)
- Exclude Loops without test access – BRI
- DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as identified on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters and bridged taps are determined to be the cause of trouble.
- Trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC

Business Rules:

POTS and UNE-Ps

The clock starts on the date and time SBC receives a trouble report. The clock stops on the date and time that SBC personnel clear the repair activity and complete the trouble report.

Specials

The start time is when the customer report is received and the stop time is when the report is closed. Specials are selected based on a specific service code off of the circuit ID.

UNEs/EELS

The start time is when the report is received. The stop time is when the report is cleared in the appropriate system.

Interconnection Trunks

The data is reported at a circuit level. Interconnection Trunks are selected based on the circuit being identified as a message type circuit. Start time is when the CLEC reports trouble and stop time is when SBC notifies the CLEC of service restoral.

Calculation:	Report Structure:
Σ[(Date and time SBC clears ticket with the	Reported by CLEC, all CLECs and SBC, by market area for parity measures and by state

CLEC) - (Date and time ticket or trouble report is received)] ÷ Total network customer trouble reports Total trunk outage duration ÷ total trunk trouble reports	for benchmark measures.
Disaggregations and Benchmarks:	
1. POTS - Affecting Service - Out of Service - Dispatch - No Dispatch - Residence - Business	1. POTS – Parity with SBC Retail
2. UNE-P - Affecting Service - Out of Service - Dispatch - No Dispatch - Residence UNE-P - Business UNE-P	2. UNE-P residence – Parity with SBC Retail Residence UNE-P Business – Parity with SBC Retail Business
3. 8.0dB Loops - Dispatch - No Dispatch	3. Compared to business and residence combined
Specials Resale/UNE 4. DS0 (DDS, VGPL, 5 db Loops, switch ports) 5. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport) 6. ISDN & BRI (resale, loops and ports 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1 11. Interoffice Trunks	4. 12 hours 5. 4.5 hours (Critical Z does not apply) 6. 12 hours 7. 7.5 hours 8. 7.5 hours 9. 12 hours 10. 4.5 (Critical Z does not apply) 11. Parity with SBC Interoffice Trunking Network

40. Measurement	
Percent Out Of Service (OOS) < 24 Hours	
Definition:	
Percent of OOS trouble reports cleared in less than 24 hours.	
Exclusions:	
• Excludes subsequent reports. A subsequent report is one that is received while an existing repair report is open. • CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • • Excludes reports marked as "No Access" to customer premises. • Excludes Affecting Service reports.	
Business Rules:	
Customer trouble reports are cleared within 24 hours when: • The customer report is received Monday through Friday cleared within 24 hours. • The customer report is received Saturday and cleared within 48 hours. • The customer report is received Sunday and cleared before midnight Monday. • Holidays are excluded.	
Calculation:	**Report Structure:**
(Count of OOS trouble reports < 24 hours ÷ total number of OOS trouble reports) * 100	Reported by CLEC, all CLECs and SBC by state.
Disaggregations and Benchmarks:	
1. <u>POTS</u> • Business class of service • Residence class of service 2. <u>UNE-P</u>	1. POTS – Parity with SBC 2. UNE-P - Parity with SBC Business and Residence combined. Note: Comparisons are used for Diagnostic purposes only.

41. Measurement (PM 41 Combined with PM 69)

Percent Repeat Reports

Definition:

Percent of customer trouble reports received within X calendar days of a previous customer report. where X is 10 Days for POTS, UNE-P and 30 Days for Resale Specials and UNEs.

Exclusions:

- Excludes subsequent reports. A subsequent report is one that is received while an existing repair report is open.
  - CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies.
-
- Interconnection Trunks
- Trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational
- Loops without test access – BRI
- DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters and bridged taps are determined to be the cause of trouble.
- Trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC.

Business Rules:

Includes customer trouble reports received within X calendar days of an original customer report, where X is 10 days for POTS and UNE-P and 30 days for Resale Specials and UNEs. When the second report is received in X days, the original report is marked as an Original of a Repeat, and the second report is marked as a Repeat. If a third report is received within X days, the second report is marked as an Original of a Repeat as well as being a Repeat, and the third report is marked as a Repeat. In this case there would be two repeat reports. If either the original or the second report within 30 days is a measured report, then the second report counts as a Repeat report.

Calculation:	**Report Structure:**
Count of customer trouble reports, not caused by CPE or wiring and excluding subsequent reports, received within X calendar days of a previous customer report where X is 10 days for POTS and UNE-P and 30 days for Resale Specials and UNEs ÷ total customer trouble reports not caused by CPE or wiring and excluding subsequent reports) * 100	Reported by CLEC, all CLECs and SBC, by market area for parity measures and by state for benchmark measures.

Disaggregations and Benchmarks:

1. <u>POTS</u> - <u>Residence</u> - <u>Business</u>	1. Parity With SBC Retail POTS
2. <u>UNE-P</u>	2. Parity with SBC Retail Pots Business and Residence Combined
3. <u>8.0dB Loop</u>	3. Compared to SBC Retail POTS business and residence combined
<u>Resale Specials/UNEs:</u> 4. DS0 (DDS, VGPL, 5 db Loops, switch ports)	4. 10%
5. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport	5. 15% 10% 6 months (Critical Z does not apply)

6. ISDN & BRI (resale, loops and ports) 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1	6. 10% 7. 7.5% 8. 7.5% 9. 10% 10. 15% 10% in 6 months (Critical Z does not apply)

F. Interconnection Trunks

70. Measurement:	
Percentage of Trunk Blockage	
Definition:	
Percentage of calls blocked on outgoing traffic for alternate final (AF) and direct final (DF) trunk groups from SBC end office to CLEC end office and from SBC tandem to CLEC end office.	
Exclusions:	
• Excludes Weekends and Holidays • CLECs have trunks busied-out for maintenance at their end, or have other network problems that are under their control. • Blocking caused by unplanned load on a CLECs network • SBC is ready for turn-up on Due Date and CLEC is not ready or not available for turn-up of trunks, e.g. not ready to accept traffic from SBC on the due date or CLEC has no facilities or equipment at CLEC end. • CLEC does not take action upon receipt of Trunk Group Service Request (TGSR) or ASR within 3 business days (day 0 is the business day the TGSR is emailed/faxed to the CLEC) when a Call Blocking situation is identified by SBC or in the timeframe specified in the InterConnection Agreement (ICA). • If CLEC does not take action upon receipt of TGSR within 10 business days (day 0 as described above) when a pre-service of 75% or greater occupancy situation is identified by SBC or in the time frame specified in the ICA. • If CLEC fails to provide a forecast within the last six months unless a different timeframe is specified in an interconnection agreement. • If a CLEC's actual trunk usage as shown be SBC from traffic usage studies is more than 25% above the CLEC's most recent forecast which must have been provided within the last six months. • New trunk groups that have not been in service for three months may be excluded from calculations for that 3 month period. Nevertheless, utilization data will be gathered upon the turn-up of the TG. The exclusions do not apply if SBC fails to timely provide CLEC with traffic utilization data reasonably required for CLEC to develop its forecast or if SBC refuses to accept CLEC trunk orders (ASRs or TGSRs) that are within the CLEC's reasonable forecast regardless of what the current usage data is.	
Business Rules:	
Twenty days of data consisting of blocked calls and total calls are collected, aggregated and reported.	
Calculation:	**Report Structure:**
({Count of blocked calls – excluded blocked calls} ÷ total calls offered – {excluded blocked calls}) * 100	Reported for CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
• SBC end office to CLEC end office • SBC tandem to end office trunk	Blocked Calls on Dedicated Trunk Groups not to exceed blocking standard of B.01. [B.01 standard is 1%]

71. Measurement:	
Common Transport Trunk Blockage	
Definition:	
Percentage of local common transport trunk groups exceeding 2%, 1% blockage.	
Exclusions:	
No data is collected on weekends or holidays	
Business Rules:	
Common transport trunk groups that reflect blocking in excess of 2% and 1% (if a separate common transport trunk group is established to carry CLEC traffic only) using a time consistent busy hour from the four most recent weeks of data.	
Calculation:	**Report Structure:**
(Number of common transport trunk groups exceeding 2%, 1% blocking ÷ total common transport trunk groups) * 100.	Reported on local common transport trunk groups by state.
Disaggregations and Benchmarks:	
• Common trunk groups where CLECs share ILEC trunks • Common trunk groups for CLECs not shared by ILEC	• 3% of SBC common transport trunk groups not to exceed 2% blocking • 3% of SBC common transport trunk groups not to exceed 1% blockage (if a separate common transport trunk group is established to carry CLEC traffic only).

73.1 Measurement	
Percentage Held Interconnection Trunks	
Definition:	
Percentage of interconnection trunk circuits held greater than 30, 60 or 90 calendar days.	
Exclusions:	
• Customer Caused Misses • Excludes any incremental days attributable to the CLEC after the initial SBC caused delay.	
Business Rules:	
The Customer Desired Due Date or the 21st business day after the interconnection trunk order is received by SBC, whichever is greater, starts the clock. The Completion Date is the day that SBC personnel complete the service order activity and it is accepted by the CLEC, which stops the clock. The data is collected at a circuit level. Interconnection trunks are selected based on a specific service code off of the circuit ID. The number of Held circuits is to be calculated by counting the number of circuits that are in held status as of the end of the reporting month. A circuit is no longer in held status once it is completed. This measure captures circuits that are currently in held status as of month-end, not circuits that were completed during the month that may have been in held status prior to completion (data related to missed due dates and delay days is captured separately in PMs 73 and 74). The Denominator will be completed orders plus held circuits.	
Calculation:	**Report Structure:**
(Count of trunk circuits held for greater than 30, 60 or 90 calendar days ÷ total trunk circuits) * 100,	Reported by CLEC, all CLECs and SBC by state.
Disaggregations and Benchmarks:	
• Interconnection Trunks by 30, 60 and 90 days	Parity with SBC interconnection trunks. (For purposes of damages, only applicable to trunk circuits held greater than 30 days.)

G. 911

104. Measurement	
Average Time Required to Update 911 Database (Facility Based Providers)	
Definition:	
The average time it takes to update the 911 database file.	
Exclusions:	
None	
Business Rules:	
The clock starts on the date/time when the data processing starts and the clock stops on the date/time when the data processing is complete.	
Calculation:	**Report Structure:**
Σ(Date and time data processing begins – date and time data processing ends) ÷ total number of files	Reported for individual CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	
one	Parity

H. Collocation

107. Measurement	
Percentage Missed Collocation Due Dates	
Definition:	
The percentage of SBC caused missed due dates for collocation projects.	
Exclusions:	
• Exclude any applications rejected for non-payment within the times requested under tariff • Exclude if the CLEC has not submitted their second fifty percent (50%) payment prior to the due date, SBC- will exclude the job from reporting.	
Business Rules:	
The clock starts when SBC receives, in compliance with the approved tariff, return of proposed layout for space as specified in the application form from the CLEC. However, for purposes of the measure, once SBC provides a quote to a CLEC, the application is deemed to be in compliance with the approved Tariff. The clock stops when the CLEC receives notice in writing or other method agreed to by the parties that the collocation arrangement is complete and ready for CLEC occupancy, and CLEC receives CFA/APOT information. . If the CLEC does not accept the collocation space because the space is not complete and ready for occupancy as specified, and notifies SBC of such within 5 business days, the collocation will be considered not complete and the time frame required for the CLEC to reject the collocation space (up to 5 business days) and any additional time required for SBC to complete the space per the specifications will be counted as part of the interval. Any time exceeding the 5 business days will not be counted as part of the interval. Due Date Extensions will be extended when mutually agreed to by SBC and the CLEC, or when a CLEC fails to complete work items for which they are responsible in the allotted time frame. However, a due date extension resulting from SBC notification that it will not meet the required interval, will not be considered a change in the due date for purpose of this measure. Moreover, any change in due date requested by SBC for whatever reason will not be considered to be a change in due date for purpose of this measure. A CLEC-requested extended due date will be calculated by adding to the original due date the number of calendar days that the CLEC was late in performing said work items. Work items include but are not limited to: • CLEC return to SBC corrected and complete floor plan drawings. • CLEC placement of required component(s). If the business rules and tariff are inconsistent, the terms of the tariff will apply. If inconsistencies are identified, SBC will bring these forward for discussion at the next 6-month review.	
Calculation:	**Report Structure:**
(count of number of SBC caused missed due dates for collocation facilities ÷ total number of collocation projects) * 100	Reported for individual CLEC and all CLECs and SBC affiliate, by state
Disaggregations and Benchmarks:	
• New • Augments Note: All approved types, e.g. Cages, Cageless, etc. are now included in these)	95% within the due date in the SBC Missouri Interstate Tariff or if the CLEC requests a longer interval, the interval agreed to by the parties. Damages and Assessments will be calculated based on the number of days late. (Critical Z does not apply)

I. Coordinated Conversions

115.2. Measurement	
Combined Outage Percentage of CHC/FDT LNP with Loop Lines Conversions	
Definition:	
Percentage of CHC/FDT LNP with Loop Lines where an outage occurs.	
Exclusions:	
• CLEC caused delays (e.g., no dial tone from CLEC: CLEC translations) that do not allow SBC the opportunity to complete CHC/FDT LNP with Loop within the designated interval. • Change of the Due Date by the CLEC less than four business hours prior to the scheduled Date/Time. • CHC/FDT LNP with Loop Lines where the CLEC requests that the cut-over begin prior to the scheduled time. • Excludes Non-Measured reports (CPE, Interexchange, and Informational). • Reports for which the trouble is attributable to the SBC network (unless SBC had knowledge of the trouble prior to the due date). • Excludes no access to the end user's location.	
Business Rules:	
An outage is defined as (1) a premature disconnect for both CHC and FDT, which occurs any time SBC begins the cut-over more than 10 minutes prior to the scheduled start time, and (2) an excessive duration for CHC or FDT (where the CHC or FDT LNP with Loop Lines are not completed by SBC within the established provisioning intervals, and (3) a CHC or FDT PTR (where the CLEC submits a trouble report on the day of conversion, or before noon on the next business day).	
Calculation:	**Report Structure:**
(Count of outages ÷ total coordinated conversions) * 100	Reported by CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
• Enhanced Daily Process (Includes original CHC.FDT for LNP with DSL compatible loop) • Defined Batch Process • Bulk Batch Process	2% 2% 2%

J. NXX

117. Measurement
Percent NXXs loaded and tested by the LERG effective date
Definition:
Measures the percent of NXX(s) loaded and tested in the end office and/or tandem switches by the LERG effective date
Exclusions:

• Requests from CLECs where no signed Interconnection Agreement exists • Requests from CLECs where their Infrastructure is not complete preventing us from performing the appropriate testing to establish the NXX • Requests by CLECs where an appropriate test number has not been provided to perform required testing to establish the NXX
Business Rules:
Data for the initial NXX(s) in a local calling area will be based on the LERG effective date or completion of the initial interconnection trunk group(s) where an appropriate point of interconnection was not established prior to the LERG effective date. Data for additional NXXs in the local calling area will be based on the LERG effective date.

Calculation:	**Report Structure:**
(Total count of NXXs loaded and tested by LERG date, or interconnection date ÷ total NXXs loaded and tested) * 100	Reported by CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	
• None	Parity

K. Bona Fide/Special Request Process (BFRs)

120. Measurement	
Percentage of Requests Processed Within 30 Business Days	
Definition:	
Percentage of Bona fide/Special requests processed and preliminary analysis or denial notices provided to the customer within 30 business days of receipt of BFR.	
Exclusions:	
Excludes weekends and holidays.	
Business Rules:	
The clock starts when SBC receives the application. The clock stops when SBC responds with the preliminary analysis or denial notification.	
Calculation:	**Report Structure:**
(Count of number of requests processed within 30 days ÷ total number of requests) * 100	Reported by CLEC, all CLECs, and SBC affiliate, by state.
Disaggregations and Benchmarks:	
None	90% within 30 business days. (Critical Z does not apply) Note: Benchmark is provided for Diagnostic purposes only

124. Measurement	
Timely Resolution of Significant Software Failures Related to Releases	
Definition:	
Measures timely resolution of software errors after a Release that is having a significant impact on CLEC business activity.	
Exclusions:	
Errors where a workaround, transparent to the CLEC, is available (workaround in this sense does not include manual faxing to the LSC or any other action required by the CLEC)	
Business Rules:	
Software errors identified in production within two weeks of the release with no work-arounds that have a disabling affect on CLECs ability to conduct business. Significant or disabling effect on the CLEC is defined as an inability to pass to SBC or receive back from SBC order activity on more than 10% of the CLEC LSRs relative to normal work volumes. This impact will be viewed on a per CLEC basis, upon notification by the CLEC to the OSS Help Desk that they are impacted. Problem resolution time will start being measured from the time the problem is reported to the help desk to the time the software fix is implemented or a workaround is in place. For Tier 1 damages, the CLEC is responsible for reporting the problem to the OSS Help Desk in order for this measure to apply to the individual CLECs and will be paid to those identified with an impact of 10% or more as outlined above. SBC cannot reasonably determine how a given software release issue impacts all CLECs. Therefore, self-reporting by the CLEC is necessary. SBC will proactively determine and report impacted CLECs if the software problem impacts all LSRs in the major categories of RESALE: UNE-P UNE Loop DSL Capable Loops DSL with Line Sharing LNP only In this case, SBC will determine if these major categories represent 10% or more of the CLEC's LSRs based on PM5 results for the prior month.	
Calculation:	**Report Structure:**
(# Significant Software Failures resolved within 48 hours ÷ Total Significant Software Failures)*100	By CLEC
Disaggregations and Benchmarks:	
• None	95% completed within 48 hours or 2 days. (Critical Z does not apply)

DUE DATE INTERVAL MATRIX

PRODUCT	QUANTITY	INTERVAL (DAYS)
UNE:		
8.0 dB Loop w/wo enhanced daily batch hot cuts	1 – 10 11 – 20 21+	3 7 10
8.0 dB Loop with defined batch cut process	As defined	13
8.0 dB Loop with bulk batch cut process	As defined	Negotiate
5.0 dB Loop	1 – 10 11 – 20 21+	3 7 10
BRI Loop	1 -10 11 – 20 21+	4 10 Negotiate
DS1 Loop	1 – 20 21+	5 Negotiate
Analog Line Port	ALL	2
Analog Trunk Port	ALL	2
DS1 Dedicated Transport	1 – 20 21+	5 Negotiate
DS3 Dedicated Transport	1 – 20 21+	5 Negotiate
ISDN – PRI Loop	1 – 20 21+	5 10
Dark Fiber	1 – 20 21+	5 Negotiate
Standalone INP	1 – 10 11 – 20 21+	3 7 10
DSL No-Line Sharing – Conditioned	ALL	10
DSL No-Line Sharing – Non-Conditioned	ALL	5
DSL Line Sharing – Conditioned	1 – 24 25+	10 Negotiate
DSL Line Sharing – Non-Conditioned	1 – 24 25+	3 Negotiate
Voice Over Data – Conditioned	ALL	10
Voice Over Data – Non-Conditioned	ALL	5
OCn – Loop	1 – 20 21+	25Negotiate
DSL with Line Splitting	1 – 20 21+	5 Negotiate
EELS	1 – 20 21+	5 Negotiate
Subtending Digital Direct Trunks	ALL	3
DS1 Digital Trunk Port DID	ALL	8

RESOLD SPECIALS:		
DDS	1 – 8 9+	7 Negotiate
DS1	1 – 5 6+	7 Negotiate
DS3	ALL	Negotiate
VGPL	1 – 8 9 – 16 17 – 24 25+	5 7 9 Negotiate
BRI - RES - BUS	1 – 8 9+ 1 – 8 9+	10 Negotiate 5 Negotiate
PRI	24 – 120 121+	9 Negotiate
UNE-P ISDN	1 – 8 9+	5 Negotiate
OCn	ALL	Negotiate

ATTACHMENT 18: DIRECTORY ASSISTANCE LISTING INFORMATION

This Attachment 18: Directory Assistance Listing (DAL) sets forth terms and conditions for which the applicable SBC Communications Inc. (SBC) SBC MISSOURI agrees to license its Directory Assistance Listing Information to CLEC.

1.0 INTRODUCTION

1.1 SBC MISSOURI 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 Currently, SBC MISSOURI uses the directory assistance subscriber listing information in its databases to provide directory assistance (DA) service to individuals who call SBC MISSOURI's DA office to obtain such information.

1.3 CLEC, or its agent, wishes to provide DA service to CLEC's retail end users**,** and therefore, wishes to load its database with directory assistance listings contained in SBC MISSOURI's DA database.

1.4 Inasmuch as SBC MISSOURI provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), SBC MISSOURI's database also contains directory assistance listing information for other ILEC and CLEC retail end users.

2.0 SERVICE PROVIDED

2.1 SBC MISSOURI agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:

2.1.1 SBC MISSOURI shall provide directory assistance listing information in a mutually acceptable format.

2.1.2 SBC MISSOURI shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, SBC MISSOURI 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.

3.0 USE OF SUBSCRIBER LISTING INFORMATION

3.1 CLEC is authorized to use the subscriber listing information provided under this Attachment for any lawful Telecommunications Service. CLEC may use the directory assistance listing information licensed and provided pursuant to this Attachment 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.

3.3 Emergency Notification for Non-Published Telephone Numbers – SBC MISSOURI shall provide for Emergency Notification for Non-Published Telephone Numbers (hereinafter, "ENNP Service"), whereby any retail end user with a non-published listing in SBC MISSOURI's DA database will be notified that a CLEC retail end user is attempting to contact the non-published party in the event of an emergency.

3.3.1 If a CLEC operator receives a request for a non-published listing and the calling party identifies an emergency situation, the CLEC operator will take the calling party's information and relay it to a SBC MISSOURI operator via a pre-designated contact number.

3.3.2 SBC MISSOURI will verify the listing of the non-published party at the time the CLEC operator requests service. SBC MISSOURI will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC MISSOURI operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC MISSOURI will leave the contact information.

3.3.3 SBC MISSOURI will contact the CLEC operator as to the status of notification: whether the message was delivered, left on voice mail or answering machine, or whether the non-published party could not be contacted.

3.3.4 Only calls identified as an emergency will be forwarded to SBC MISSOURI for ENNP Service; however, the identification of such emergency will be left to the discretion of CLEC and its operators.

4.0 ASSIGNMENT

4.1 The directory assistance listings provided by SBC MISSOURI shall remain the property of SBC MISSOURI. 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.

5.0 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. The provision of directory assistance subscriber listing information to a subcontractor by either Party is subject to the Confidentiality and Proprietary Information provision contained in the General Terms and Conditions Section of this Agreement.

6.0 TERM OF APPENDIX

6.1 SBC MISSOURI 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.

7.0 LIABILITY

7.1 SBC MISSOURI will use commercially reasonable efforts to ensure the accuracy of the directory assistance listing information provided to CLEC. SBC MISSOURI makes no express or implied warranties whatsoever, including but not limited to warranties for merchantability or fitness for a particular purpose, 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.

7.3 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.

8.0 PRICING

8.1 The prices at which SBC MISSOURI agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Appendix Schedule Pricing.

ATTACHMENT 19: WHITE PAGES - OTHER (WP-O)

This Attachment 19: White Pages-Other (WP-O), to the Agreement sets forth SBC MISSOURI' 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.

1.0 INTRODUCTION

1.1 SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI will make available to CLEC, for CLEC Customers, non-discriminatory access to White Pages directory listings, as described in Section 2 of this Attachment.

2.0 SERVICE PROVIDED

2.1 Subject to Applicable Law and any publishing company requirements regarding the provision of White Page directories, SBC MISSOURI 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 publishing company requirements are subject to change from time to time. When CLEC provides its subscriber listing information to SBC MISSOURI's listings database, CLEC will receive for its retail end users, one primary listing in SBC MISSOURI's White Pages directory and a listing in SBC MISSOURI's directory assistance database.

2.1.1 Where a CLEC retail end user requires foreign, enhanced or other listings in addition to the primary listing to appear in the White Pages directory, SBC MISSOURI will assess CLEC a monthly charge for such listings at SBC MISSOURI tariff rates. An additional monthly charge at SBC MISSOURI's tariff rate applies when CLEC wishes to list a retail end user in SBC MISSOURI's Directory Assistance database but does not wish to have its retail end user listed in SBC MISSOURI's White Pages directory. In addition, CLEC may elect to have its retail end user unlisted and the listing not published in SBC MISSOURI's White Pages directory for a monthly charge at SBC MISSOURI' tariff rate Resale Rates for those non-published, non-listed services.

2.1.2 Switched-based CLECs are billed at the retail tariff rates for a twelve (12) month period at the time the directory is published for additional, foreign, and enhanced listings, as well as Non-Published service CLECs will be notified via Accessible Letter should the billing process change.

2.2 CLEC will furnish to SBC MISSOURI subscriber listing information pertaining to CLEC end users located within the local directory scope, along with such additional information as SBC MISSOURI may require to prepare and print the alphabetical listings of said directory

2.3 CLEC will provide its subscriber listing information of its subscribers to SBC MISSOURI via a mechanical or manual feed of the directory listing information to SBC MISSOURI' Directory Listing database. SBC MISSOURI 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.

Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates. CLEC's subscriber listings will be interfiled (interspersed) in the directory among SBC MISSOURI's subscriber listing information. CLEC will submit listing information within three (3) Business Days 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 retail end user. SBC MISSOURI shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date.

2.4 SBC MISSOURI will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the SBC CLEC Online website. Upon request, SBC MISSOURI will provide daily electronic directory listing verification via SBC MISSOURI's White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully process on the previous workday. Information for directory listing verification is located on the SBC CLEC Online website.

2.4.1 In addition, at least sixty (60) calendar days prior to the business office close date for a particular directory, SBC MISSOURI will provide CLEC, upon request, an electronic verification report, in directory appearance format, of all subscriber listings, containing the listing information that will appear in the directory. CLEC will make its request for this report at least eighty (80) days prior to the Business Office Close Date for a particular directory. SBC MISSOURI will accept standing requests for this report on those White Page directories specified by CLEC.

2.4.2 A CLEC specific directory listing verification list, in a fielded data validation format, also is available upon request by the CLEC at least eighty (80) days prior to the Business Office Close Date for a particular directory. This listing shall contain only CLEC's subscribers, and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will review this electronic verification list and will submit any necessary additions, deletions or modifications to SBC MISSOURI via the appropriate directory listing correction process no less than thirty (30) days prior to the SBC MISSOURI Business Office Close date for that directory, provided that SBC MISSOURI made the electronic verification list available to CLEC in a timely manner as specified above.

2.5 Publication schedules for the White Pages: CLEC can access, via the SBC CLEC Online website, the directory close dates for areas where CLEC is providing local service. SBC MISSOURI will provide directory schedule updates, including the directory schedule for a new calendar year, within fourteen (14) calendar days of the publisher's notification to SBC MISSOURI of the schedule or update, but not later than thirty (30) calendar days prior such changes becoming effective.

2.6 Each CLEC subscriber will receive one copy per primary retail end user listing, as provided by CLEC, of SBC MISSOURI's White Pages directory in the same manner and at the same time that they are delivered to SBC MISSOURI subscribers during the annual delivery of newly published directories.

2.6.1 SBC MISSOURI will deliver one copy per primary retail end user listing of SBC MISSOURI' White Pages, as described in Section 2.6 above, at no charge. SBC MISSOURI has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's retail end users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with SBC MISSOURI's directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.

2.7 At its option, CLEC may purchase one (1) information page (Customer Guide Pages) in the informational section of the SBC MISSOURI White Pages directory covering the geographic area(s) it is serving. This

page will be in alphabetical order with other local service providers and will be no different in style, size, color and format than SBC MISSOURI information pages. Sixty (60) calendar days prior to the directory close date, CLEC will provide to SBC MISSOURI the information page(s) in camera ready format. SBC MISSOURI will have the right to approve, and, with CLEC's agreement, SBC MISSOURI may, but is not required to, revise the format and content of such information page. See Appendix Pricing, Schedule of Prices, for rates associated with the Information Page.

2.8 SBC MISSOURI will include CLEC specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to CLEC on such page will be a minimum size of: 4 column directories = 1 ½" by 3 1/8", 3 column directories = 2" by 3", 2 column directories = 1 1/5" by 2 1/5" or the equivalent size as other local service providers listed in the same section. In order to have such information published, sixty (60) calendar days prior to directory close date CLEC will provide SBC MISSOURI the information, including CLEC's logo, to be published on the information page according to the instructions provided on SBC CLEC Online website. Any changes to these instructions will be communicated to CLEC prior to the change through an Accessible Letter. (CLEC will be limited to a maximum one representation in any single edition of a SBC MISSOURI White Pages directory under either this Subsection or Appendix White Pages (WP) – Resale to this Agreement).

3.0 USE OF SUBSCRIBER LISTING INFORMATION

3.1 SBC MISSOURI 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 is in the same manner as SBC MISSOURI' subscriber listing information. In exchange for SBC MISSOURI serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes SBC MISSOURI to include and use the CLEC subscriber listing information provided to SBC MISSOURI pursuant to this Attachment in SBC MISSOURI's White Pages directory, SBC MISSOURI'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 SBC MISSOURI's use of CLEC's subscriber listing information in SBC MISSOURI's directory assistance, directory assistance related products and services, and directory publishing products and services. CLEC's subscriber listing information will remain the property of CLEC, and CLEC will be responsible for the billing and collection of any license fees or compensation for CLEC listings to third party publishers and others receiving listings pursuant to this section. SBC MISSOURI will not bill or collect such license fees on CLEC's behalf. Except as stated herein, SBC MISSOURI will not sublicense, assign, sell or transfer CLEC's subscriber listing information provided hereunder, nor will SBC MISSOURI authorize any other company or any person to use CLEC's subscriber listing information for any other purpose. SBC MISSOURI will take the same measures to guard against unauthorized use of CLEC's listings as SBC MISSOURI takes to protect its own listings from unauthorized use, whether by SBC MISSOURI, its agents, employees or others.

3.2 SBC MISSOURI 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 Name 's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation from SBC MISSOURI for SBC MISSOURI' 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 SBC MISSOURI's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by SBC MISSOURI.

4.0 RATES

Rates associated with this Attachment are in the Appendix Pricing, Schedule of Prices.

5.0 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: CLEARINGHOUSE (CH)

WHEREAS, SBC MISSOURI operates a Clearinghouse (CH), as described below, for its own behalf and that of participating facility-based LECs and facility-based CLECs; and,

WHEREAS, CLEC will participate in the CH on the terms set forth herein;

The Parties agree to the following:

1. CLEARINGHOUSE DESCRIPTION

1.1 SBC MISSOURI 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 SBC MISSOURI and CLEC.

2. QUALIFYING MESSAGE CRITERIA

2.1 The only toll call messages that qualify for submission to SBC MISSOURI 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 SBC SOUTHWEST REGION 5-STATE's operating areas (located in parts of Texas, Arkansas, Kansas, Oklahoma or Missouri), 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 SBC MISSOURI with billing records for CH processing that are in an industry standard format acceptable to SBC MISSOURI 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 SBC MISSOURI's CH. CLEC will retain its originating records for ninety (90) days such that the category 92 Records can be retransmitted to SBC MISSOURI for CH processing, if needed.

3.3 SBC MISSOURI will provide and maintain such systems as it believes are required to furnish the CH service described herein. SBC MISSOURI, 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 SBC MISSOURI all CH Records required by SBC MISSOURI 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. SBC MISSOURI 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, SBC MISSOURI 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 SBC MISSOURI a processing charge in consideration of SBC MISSOURI's performance of CH services. This charge is identified in Appendix Pricing – Schedule of Prices.

5. BILLING CHARGE

5.1 CLEC agrees to pay a per message charge to the LEC responsible for billing the message, including SBC MISSOURI, when SBC MISSOURI bills the message. This charge is identified in Appendix Pricing Schedule.

6. SETTLEMENT REPORT

6.1 SBC MISSOURI 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. LIMITATION OF LIABILITY

8.1 By agreeing to operate the CH, SBC MISSOURI assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that SBC MISSOURI 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 SBC MISSOURI may have relied in preparing settlement reports or performing any other act under this Attachment.

8.2 CLEC agrees to indemnify and hold SBC MISSOURI 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 SBC MISSOURI's performance of CH processing pursuant to this Attachment.

8.3 SBC MISSOURI 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 SBC MISSOURI. Any losses or damage for which SBC MISSOURI 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 SBC MISSOURI receives notice of the error, interruption, defect, failure or malfunction, to the time service is restored.

9. DISCLAIMER OF WARRANTIES

9.1 SBC MISSOURI 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, SBC MISSOURI 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).

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, or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes. Each Party is responsible for administering the NXX codes assigned to it.

1.2 Each Party agrees to make available to the other, via the LERG, up-to-date listings of its own assigned NPA-NXX codes, along with associated Rating Points and Exchanges. Pursuant to Alliance for Telecommunications Industry Solutions (ATIS) Guidelines for the Administration of Telephone Numbers, revised August 15, 2003 (INC 01-0515-028), the Parties agree "that CO Codes/blocks allocated to a wireline Service Provider are to be utilized to provide service to a customer's premise located in the same rate center that the CO Codes/blocks are assigned. Exceptions exist, for example tariffed services such as foreign exchange service."

1.3 It will be the responsibility of each Party to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. The Parties agree to perform such programming and updating within industry standard intervals, provided that both Parties have met the requirements established within ATIS-approved industry guidelines. Neither Party will impose fees or charges on the other Party for such required programming and updating activities.

1.4 It will be the responsibility of each Party to input required data into the Telcordia Business Integrated Routing and Rating Database System (BIRRDS) and/or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.

1.5 Neither Party is responsible for notifying the other Party's 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.

1.6 During the term of this Agreement, where CLEC is utilizing its own switch to provide telecommunications services on its own behalf, or on the behalf of any customer of the CLEC, CLEC shall contact the North American Numbering Plan Administrator for the assignment of numbering resources.

2. NXX CODES

2.1 Each Party agrees to utilize NXX codes in a manner consistent with authorized industry standard rules and guidelines and any agency of governmental authority exercising appropriate jurisdiction.

3. CODE TRANSFER (A.K.A. NXX MIGRATION)

3.1 Code transfer, as described in industry guidelines (Industry Numbering Committee (INC) document INC 95-0407-008 "Central Office Code (NXX), Section 7), will be provided upon request. The Party that initiates a code transfer request from the other Party to itself agrees to pay an NXX Migration charge as set forth in the Pricing Appendix under "OTHER".

ATTACHMENT 22: DA-FACILITIES BASED
SBC MISSOURI -PROVIDED DIRECTORY ASSISTANCE

This Attachment 22: DA-Facilities Based sets forth the terms and conditions under which SBC MISSOURI agrees to provide Directory Assistance (DA) for CLEC as a facilities based switch provider.

1.0 SBC MISSOURI will provide the following DA Services:

1.1 Local 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 SBC MISSOURI methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available.

1.2 Directory Assistance Call Completion (DACC) service consists of SBC MISSOURI 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. SBC MISSOURI will provide DACC to CLEC's customers for local, intrastate IntraLATA and, if available, interstate IntraLATA calls.

1.2.1 SBC MISSOURI agrees to provide DACC only in areas where CLEC can furnish Automatic Number Identification (ANI) from CLEC's customers to SBC MISSOURI's switch and where CLEC obtains DA service from SBC MISSOURI.

1.2.2 Subsequent to the DA query and release of the DA call to SBC MISSOURI's IVS, SBC MISSOURI will deliver the DACC call with the required signaling and data to CLEC to complete the call.

1.2.3 CLEC commits that SBC MISSOURI's provision of DACC does not interfere with any contractual arrangement that CLEC has with another operator services provider. CLEC agrees to indemnify SBC MISSOURI from any and all causes of action which may be brought by an alternate operator services provider based on allegations that SBC MISSOURI has interfered with any such contractual arrangement solely by virtue of SBC MISSOURI's provision of DACC to CLEC under this Attachment.

1.3 National Directory Assistance (NDA). A service whereby callers may request directory assistance information (name, address, telephone numbers) outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.

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.

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.

1.6 Emergency Nonpublished 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. SBC MISSOURI will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC MISSOURI operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC MISSOURI will leave the contact information.

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

2.1 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 a SBC MISSOURI DA Operator.

2.2 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 SBC MISSOURI DA Operator.

2.3 Published Number - A telephone number that is published in a telephone directory and is available upon request by calling a SBC MISSOURI DA Operator.

2.4 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).

2.5 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.

3.0 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. SBC MISSOURI will offer Call Branding of DA in the name of CLEC.

3.1.1 CLEC will provide SBC MISSOURI with the specific branding phrase to be used to identify CLEC or indicate a silent brand at the CLECs request. The standard phrase will be consistent with the general form and content currently used by CLEC in branding its 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 SBC MISSOURI 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:

3.3 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties.

3.4 CLEC will inform SBC MISSOURI, 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 SBC MISSOURI updated Rate information in advance of when the Rates are to become effective.

3.5 In all cases when SBC MISSOURI receives a rate request from a CLEC end user, SBC MISSOURI will quote the Directory Assistance rates provided by CLEC.

3.6 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.

3.7 SBC MISSOURI will brand Directory Assistance in the name of CLEC starting not later than thirty (30) days after the Effective Date of the Agreement.

3.8 Branding/Silent Announcement load charges are assessed per loaded recording, per switch. (For example, a CLEC Reseller may choose to brand under a different name than its facility-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the Branding/Silent Announcement charge). These charges are Nonrecurring and are found in Pricing Schedule.

3.9 Rate/Reference load charges are assessed per loaded set of rates/references, per switch. (For example, a CLEC Reseller may choose to rate differently than its facility-based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded into each switch, each loading incurring the Rate/Reference charge). These charges are Nonrecurring and are found in Pricing Schedule.

3.10 CLEC shall designate which TOPS (Traffic Operator Position System) switches it wants loaded with Branding/Silent Announcement and Rate/References. (For point of reference, a single SBC MISSOURI TOPS switch usually covers an entire LATA. For more information, see CLEC online or consult your Account Manager.)

4.0 RESPONSIBILITIES OF SBC MISSOURI

4.1 SBC MISSOURI will perform DA Service for CLEC in those exchanges where CLEC elects to purchase such services from SBC MISSOURI.

4.2 SBC MISSOURI will provide and maintain its own equipment to furnish DA Services.

4.3 SBC MISSOURI will provide DA Service to CLEC customers using current and updated DA records and in accordance with SBC MISSOURI's current methods, practices, and procedures or as subsequently modified. Such DA Service shall be equivalent to that provided to SBC MISSOURI's customers, as documented in SBC MISSOURI's tariffs, including permitting multiple end user queries per directory assistance call.

4.4 SBC MISSOURI 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 SBC MISSOURI will include current CLEC customer listing information in SBC MISSOURI's DA database.

5.0 RESPONSIBILITIES OF BOTH PARTIES

5.1 The Party(ies) that provide the circuits between CLEC and SBC MISSOURI 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.

6.0 RESPONSIBILITIES OF CLEC

6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the SBC MISSOURI 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 SBC MISSOURI, thirty (30) days in advance of the date when the DA services are to be undertaken, all end user records and information required by SBC MISSOURI 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 SBC MISSOURI via a local manual service order, T-TRAN, magnetic tape or by any other mutually agreed to format or media.

6.4 Where CLEC chooses not to customize route the DA calls, CLEC agrees that SBC MISSOURI will be the sole provider of DA for one year from the effective date that SBC MISSOURI begins providing DA for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC MISSOURI's DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of SBC MISSOURI DA services upon one hundred twenty (120) days advance written notice to SBC MISSOURI.

7.0 PRICING

7.1 The charges for Directory Assistance are outlined in the Appendix Pricing Schedule.

8.0 MONTHLY BILLING

8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.

9.0 LIABILITY

9.1 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 23: OS-FACILITIES BASED

SBC MISSOURI PROVIDED LOCAL & INTRALATA OPERATOR SERVICES

This Attachment 23: OS-Facilities Based to the Agreement sets forth the terms and conditions under which SBC MISSOURI 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).

1.0 SERVICES - SBC MISSOURI 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 a SBC MISSOURI 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.

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.

2.0 CALL TYPES - SBC MISSOURI will provide to CLEC the call types in Sections 2.1 through 2.7 below:

2.1 Fully Automated Collect and Bill to Third-Number Service- 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 Fully Automated Calling Card Service - This service is provided when the caller dials zero (“0”), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Attachment is one for which SBC MISSOURI can perform billing validation.

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 SBC MISSOURI'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, audibly and distinctly to the CLEC customer at the beginning of each OS call. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. SBC MISSOURI will offer Call Branding of Operator Services in the name of CLEC or load a silent brand at the CLECs request**.** For CLECs electing to purchase operator and directory assistance service from SBC MISSOURI, the CLEC may request either that SBC MISSOURI brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d).

2.7.1 CLEC will provide SBC MISSOURI 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 CLEC in branding its 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 SBC MISSOURI Operator Services operators will provide Operator Services Rates/Reference Information upon request to CLEC's end users.

3.0 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, SBC MISSOURI 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 SBC MISSOURI 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 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties..

3.6 CLEC will inform SBC MISSOURI, 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 SBC MISSOURI updated Rate information in advance of when the Rates are to become effective.

3.7 In all cases when SBC MISSOURI receives a rate request from a CLEC end user, SBC MISSOURI will quote the Operator Services rates provided by CLEC.

3.8 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.

3.9 In the event of an emergency request by a calling party, an 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. SBC MISSOURI will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC MISSOURI operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC MISSOURI will leave the contact information.

4.0 RESPONSIBILITIES OF SBC MISSOURI

4.1 SBC MISSOURI will provide and maintain such equipment as is required to furnish the Operator Services as described in this Attachment.

4.2 Facilities necessary for SBC MISSOURI to provide Operator Services to CLEC will be provided by SBC MISSOURI using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.

4.3 SBC MISSOURI will provide Operator Services in accordance with the operator methods and practices in effect for SBC MISSOURI at the time the call is made, unless otherwise agreed in writing by both Parties.

4.4 SBC MISSOURI will accumulate and provide CLEC such data as necessary for CLEC to verify traffic volumes and bill its customers.

4.5 SBC MISSOURI will deliver the call with the required signaling and data to CLEC to complete the call.

5.0 RESPONSIBILITIES OF BOTH PARTIES

5.1 The Party(ies) that provide the circuits between CLEC and SBC MISSOURI 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.

6.0 RESPONSIBILITIES OF CLEC

6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the SBC MISSOURI 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 SBC MISSOURI, thirty (30) days in advance of the date when the OS services are to be undertaken, all end user records and information required by SBC MISSOURI to provide the Service.

6.3 CLEC will furnish all records required by SBC MISSOURI to provide the Operator Services. Such records, or information, will include CLEC's rate quotation tables and any other information required by SBC MISSOURI. CLEC will provide the initial data by a date mutually agreed to between CLEC and SBC MISSOURI. CLEC will keep this data current using procedures mutually agreed to by CLEC and SBC MISSOURI. CLEC will provide all data and changes to SBC MISSOURI in the mutually agreed to format(s).

6.4 Where CLEC chooses not to customize route the OS calls, CLEC agrees that SBC MISSOURI will be the sole provider of OS for one year from the effective date that SBC MISSOURI begins providing OS for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC MISSOURI's DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of SBC MISSOURI DA services upon one hundred twenty (120) days advance written notice to SBC MISSOURI.

7.0 PRICING

7.1 The rates for the Operator Services provided are outlined in the Appendix Pricing Schedule.

8.0 MONTHLY BILLING

8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.

8.2 SBC MISSOURI 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.

9.0 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 SBC MISSOURI will provide recording, message processing and message detail services as described in total in Exhibit I and Exhibit II attached hereto and made a part of this Attachment by reference.

1.0 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 SBC MISSOURI and CLEC via the CMDS host.

1.4 Data Transmission - The forwarding by SBC MISSOURI of IXC transported access usage record detail in EMI format over data lines or on magnetic tapes to CLEC 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 carriers 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 in 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

* Issue 1

for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through SBC MISSOURI'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 magnetic tapes or data files.

1.12 Recording - The creation and storage on magnetic tape or other 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 SBC MISSOURI 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.

2.0 RESPONSIBILITIES OF THE PARTIES

2.1 SBC MISSOURI will record all IXC transported messages as specified by CLEC on Exhibit II that are carried over all Feature Group Switched Access Services that are available to SBC MISSOURI provided recording equipment or operators. Unavailable messages (i.e., certain operator messages which are not accessible by SBC MISSOURI-provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by SBC MISSOURI.

2.2 SBC MISSOURI will perform assembly and editing, message processing and provision of applicable AUR detail for IXC transported messages if the messages are recorded by SBC MISSOURI.

2.3 SBC MISSOURI will provide AURs that are generated by SBC MISSOURI.

2.4 Assembly and editing will be performed on all IXC transported messages recorded by SBC MISSOURI, during the billing period established by SBC MISSOURI and selected by CLEC from Appendix II.

2.5 Standard EMI record formats for the provision of access usage record detail will be established by SBC MISSOURI 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 SBC MISSOURI will provide AUR 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.

2.8 In Exhibit II, CLEC will identify separately the location where the tapes and any data transmissions should be sent (as applicable) and the number of times each month the information should be provided. SBC

MISSOURI reserves the right to limit the frequency of transmission to existing SBC MISSOURI processing and work schedules, (holidays, etc., i.e., holidays, weekends).

2.9 SBC MISSOURI and CLEC will mutually agree to follow CMDS industry standards for the packaging of records which determine the number of magnetic tapes or data files required to provide the AUR detail to CLEC.

2.10 Recorded AUR detail previously provided CLEC and lost or destroyed through no fault of SBC MISSOURI will not be recovered and made available to CLEC except on an individual case basis at a cost determined by SBC MISSOURI.

2.11 SBC MISSOURI 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 Intentionally left blank.

*3.0 Intentionally left blank

4.0 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 SBC MISSOURI is notified that, due to error or omission, incomplete data has been provided to CLEC, SBC MISSOURI will make reasonable efforts to locate and/or recover the data and provide it to CLEC 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 CLEC. If written notification is not received within sixty (60) days, SBC MISSOURI shall have no further obligation to recover the data and shall have no further liability to CLEC.

4.3 If, despite timely notification by the , CLEC, AUR detail is lost and unrecoverable as a direct result of SBC MISSOURI having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of AUR detail, SBC MISSOURI 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, SBC MISSOURI's liability to CLEC 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 SBC MISSOURI will not be liable for any costs incurred by CLEC when CLEC is transmitting data files via data lines and a transmission failure results in the nonreceipt of data by SBC MISSOURI.

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* Issue 2
* Issue 3
* Issue 4
* Issue 4

*4.5 In those instances where SBC MISSOURI realizes that, either because of a recording error or some other failure, data was lost or incomplete, SBC MISSOURI will notify CLEC of such occurrence and will make reasonable efforts to locate and/or recover the data and provide it to CLEC at no additional charge. If AUR detail is lost and unrecoverable as a direct result of SBC MISSOURI, SBC MISSOURI 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, SBC MISSOURI's liability to CLEC 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.

5.0 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.

6.0 WARRANTIES

6.1 SBC MISSOURI 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.

* Issue 4

EXHIBIT I
SERVICES

The attached pages of this Exhibit show the service options that are offered under this Agreement.

EXPLANATION OF SERVICE OPTIONS

ORIGINATING 1+ DDD RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #1: This option has been withdrawn.

Option #2: The Recording Company performs recording, assembly and editing of the billable message detail and extracts that detail to the IXC for all 1+ IXC transported messages originating from the CLEC end office. The Recording Company creates Access Usage Records for this traffic and forwards those AUR records to the CLEC.

Option #3: The Interexchange Carriers do own billable message recording for their 1+ IXC transported messages originating from the CLEC end office. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

ORIGINATING OPERATOR RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #4: CLEC Non-Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for all 0+, 0-, Coin Sent Paid, CAMA and International IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #5: CLEC Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for 0- only IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #6: This option has been withdrawn.

Option #7: This option has been withdrawn.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

Option #8: Recording Company performs SSP function for CLEC end office and bills query charge to the appropriate Interexchange Carrier. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to CLEC.

Option #9: This option has been withdrawn.

Option #10: Recording Company performs SCP function for CLEC. The Recording Company performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to the CLEC.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

Option #11: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #12: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings excluding B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #13: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings including Feature Group B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #14: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D and C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #15: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

EXHIBIT II
INVOICE DESIGNATION

COMPANY NAME:

EXCHANGE COMPANY I.D. NUMBER (OCN):

BILLABLE INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive billable messages daily, Monday-Friday excluding holidays.)

___ Bill period (Please choose a maximum of five dates for SBC SOUTHWEST REGION 5-STATE. A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

AUR INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive AURs daily, Monday-Friday except holidays.)

___ Bill period (Please choose a maximum of five dates for SBC SOUTHWEST REGION 5-STATE. A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

ATTACHMENT 25: xDSL[1]

1.0 INTRODUCTION[2]

1.1 SBC MISSOURI agrees to provide CLEC with access to UNEs (including the unbundled xDSL Capable Loop and xDSL Subloop offerings) in accordance with the terms and conditions set forth in this xDSL Attachment and the FCC's Triennial Review Order and associated lawful and effective implementing rules, 47 C.F.R. § 51.319(a)(l)(i), (iii) and (iv) and (b)(l), as such rules may be modified from time to time, and the general terms and conditions applicable to UNEs under this Agreement and at the rates set forth in the Pricing Schedule to this Agreement, for CLEC to use in conjunction with its desired xDSL technologies and equipment to provide xDSL services to end user customers.

1.2 Nothing in this Attachment shall constitute a waiver by either Party of any positions it may have taken or will take in any pending regulatory or judicial proceeding or any subsequent interconnection agreement negotiations. This Attachment also shall not constitute a concession or admission by either Party and shall not foreclose either Party from taking any position in the future in any forum addressing any of the matters set forth herein**.**

2.0 DEFINITIONS

Except as may otherwise be noted in an Appendix to this Attachment, the following definitions apply to this Attachment and its Appendices:

2.1 An "xDSL-Capable Loop" is a loop that supports the provision of high-speed data transmission services using any of xDSL technologies.

2.1.1 For purposes of this Attachment, an "xDSL Loop" is defined as a 2-wire or 4-wire copper local loop transmission facility between a distribution frame (or its equivalent) in a central office and the loop demarcation point at an end user customer premises, that may be conditioned at CLEC's request, in order for CLEC to provide xDSL-based services over such loop.

2.1.2 For purposes of this Attachment and as provided for in 47 C.F.R. Section 51.319(b), as such rule may be modified from time to time, an "xDSL Subloop"is defined as any distribution portion of a 2-wire or 4-wire copper loop that is comprised entirely of copper wire or copper cable, that acts as a transmission facility between any distribution point of technically feasible access in SBC MISSOURI'S outside plant and the demarcation point at an end-user customer premise, that may be conditioned at CLEC's request in order for CLEC to provide xDSL-based services over such Subloop. Subloops are also as more specifically addressed in the subloop provisions applicable to this Agreement. A point of technically feasible access is any point in SBC MISSOURI'S outside plant where a technician can access the copper wire within a cable without removing a splice case

[1] This Attachment and its Appendices are being submitted on behalf of the CLEC Coalition. Birch Telecom of MISSOURI, Inc. and Ionex Communications, Inc. are submitting a separate set of DSL documents.

[2] The inclusion of the provisions above with asterisks in this Attachment xDSL shall not constitute a waiver by either party as to their respective positions as to whether such provisions are required to be offered under Sections 251(b) or (c) of the Act and are subject or not subject to Section 251/252 negotiation and arbitration. Rather, in agreeing not to dispute the inclusion of the subject provisions in this Attachment xDSL, both Parties do not waive, but instead fully reserve all of their rights, arguments and positions in any pending or future regulatory or judicial proceedings and in any future negotiations or pending negotiations as to whether the subject provisions are or are not subject to Sections 251 and 252 of the Act, including without limitation, negotiation and arbitration under Sections 251/252 of the Act. The inclusion of these provisions in this Attachment xDSL and resolution by the Parties as to these provisions shall not constitute a concession or admission by either Party and may not be introduced by one party as to the other to attempt to show the consent or waiver by one party as to its position(s) in this regard.

as more fully defined in Attachment UNE-Appendix Subloop. The subloop and collocation provisions set forth elsewhere in this Agreement (e.g., the Attachment UNE--Appendix Subloop and Attachment Collocation) will also apply to the xDSL Subloop. If there is any conflict between the provisions set forth in this Attachment as to the xDSL Subloop and the provisions set forth elsewhere in this Agreement specific to subloops, the subloop-specific language set forth elsewhere in this Agreement (e.g. the Appendix Subloop shall control).

2. 2 The term "conditioning" as used herein shall refer to the removal by SBC MISSOURI of load coils, bridged tap, and/or repeaters on an xDSL Loop or xDSL Subloop, upon request by CLEC at the conditioning rates set forth in the Pricing Schedule to this Agreement ("Pricing Schedule") and Appendix RABT-MMP, and subject to the terms and conditions set forth herein below. Bridged tap may be "excessive" or "non-excessive" as defined below.

2.3 The term "Digital Subscriber Line" ("DSL") describes various technologies and services. The "x" in "xDSL" is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).

2.4 Intentionally left blank

2.5 The term "excessive bridged tap" as used herein shall refer to bridged tap in excess of 2,500 feet in total length.

2.6 The term "non-excessive bridged tap" as used herein shall refer to bridged tap 2,500 feet in total length or less.

2.7 A loop technology that is "presumed acceptable for deployment" is one that either complies with existing industry standards, has been successfully deployed by any carrier in any state without significantly degrading the performance of other services, or has been approved by the Federal Communications Commission ("FCC"), any state commission, or an industry standards body.

2.8 A "non-standard xDSL-based technology" is a loop technology that is not presumed acceptable for deployment under Section 2.8 of this Attachment. Deployment of non-standard xDSL-based technologies is allowed and encouraged by this Agreement.

2.9 *****"Continuity" shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF) or, in the case of Subloops, from the demarcation point to CLEC's Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachement UNE—Appendix Subloop).

2.10 *****"Proof of Continuity" shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF, or, in the case of Subloops, from the demarcation point to CLEC's Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachement UNE—Appendix Subloop), by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as "Proof of Continuity" or "Continuity Test."

2.11 *****"Acceptance Testing" shall be defined as the joint testing for xDSL Loops or xDSL Subloops between SBC MISSOURI'S Technician, its Local Operations Center ("LOC"), and the CLEC's designated test representative for the purpose of verifying Continuity as more specifically described in Section 7.0 below.

2.12 "Actual Loop Length" for purposes of this Appendix refers to the total physical length of a copper loop between the SBC MISSOURI Main Distribution Frame ("MDF") and the terminal location serving an End User**.** Any additional length attributable to central office wiring, drop wiring, bridged tap, and inside wiring ("wiring") at an End User customer's location is not included in the calculation of Actual Loop Length.

3.0 GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED XDSL LOOPS AND XDSL SUBLOOPS

3.1 SBC MISSOURI is not in any way permitted to limit xDSL loops or xDSL Subloops to the provision of ADSL.

3.2 SBC MISSOURI will not impose limitations on the transmission speeds of xDSL services. SBC MISSOURI will not restrict CLEC's services or technologies to a level at or below those provided by SBC MISSOURI.

3.3 SBC MISSOURI will provide an xDSL Loop or xDSL Subloop capable of supporting a technology presumed acceptable for deployment or non-standard xDSL technology as defined in this Attachment.

3.4 SBC MISSOURI shall not deny CLEC's request to deploy any loop technology that is presumed acceptable for deployment unless it has demonstrated to the Commission that CLEC's deployment of the specific loop technology will significantly degrade the performance of other advanced services or traditional voice band services in accordance with FCC orders. SBC MISSOURI will provide CLEC with notice prior to seeking relief from the Commission under this Section.

3.5 In the event CLEC wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere CLEC will provide documentation describing that action to SBC MISSOURI and the Commission before or at the time of its request to deploy that technology in MISSOURI. The documentation should include the date of approval or deployment, any limitations included in its deployment**,** and a sworn attestation that the deployment did not significantly degrade the performance of other services.

3.6 Parties to this Attachment agree that unresolved disputes arising under this Attachment will be handled under the Dispute Resolution procedures set forth in this Agreement.

3.7 Liability

3.7.1 Notwithstanding any other provision in this Attachment, SBC MISSOURI and CLEC each agree that should it cause or allow any non-standard xDSL technologies to be deployed or used in connection with or on SBC MISSOURI facilities, that Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other telecommunications service degradation, or damage to the other Party's ("Indemnitee") facilities.

3.7.2 For any technology, CLEC's use of any SBC MISSOURI network element, or of its own equipment or facilities in conjunction with any SBC MISSOURI network element, will not materially interfere with or impair service over any facilities of SBC MISSOURI, its affiliated companies or connecting and concurring carriers involved in SBC MISSOURI services, cause damage to SBC MISSOURI'S plant, impair the privacy of any communications carried over SBC MISSOURI'S facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, SBC MISSOURI 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 element(s) causing the violation. SBC MISSOURI will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, CLEC demonstrates that its use of the network element is not the cause of the network harm. If SBC MISSOURI does not believe CLEC has made the sufficient showing that it is not the cause of the harm, or if CLEC contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Agreement. Any claims of network harm by SBC MISSOURI must be supported with specific and verifiable supporting information.

3.8 Indemnification

3.8.1 Covered Claim: Notwithstanding any other provision in this Attachment, each Party ("Indemnifying Party") will indemnify, defend and hold harmless the other Party ("Indemnitee") from and against any loss, liability, claim or damage ("Loss"), including but not limited to direct, indirect or consequential damages, made against Indemnitee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnitee for which Indemnitee has sole responsibility and liability), to the extent such Loss arose from or was caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party.

3.8.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, Indemnifying Party will consult with Indemnitee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party shall assume all costs of the defense of any Covered Claim and any Loss indemnified pursuant to Section 3.8.1 above and Indemnitee will bear no financial or legal responsibility whatsoever arising from such Claims.

3.8.3 Indemnitee agrees to fully cooperate with the defense of any Covered Claim. Indemnitee will provide written notice to Indemnifying Party of any Covered Claim at the address for notice assigned herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnitee will provide to Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies used by Indemnitee in the area affected by the claim, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnitee will further cooperate with Indemnifying Party's investigation and defense of the Covered Claim by responding to reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in

discovery and trial during regular weekday business hours. Indemnitee will promptly notify Indemnifying Party of any settlement communications, offers or proposals received from claimants.

3.8.4 Indemnitee agrees that Indemnifying Party will have no indemnity obligation under Section 3.8.1 above, and Indemnitee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnitee's liability.

3.9 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

4.0 UNBUNDLED XDSL-CAPABLE LOOP AND SUBLOOP OFFERINGS

4.1 xDSL-Capable Loops and Subloops

4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop for purposes of this section, is a copper loop that supports the transmission of Digital Subscriber Line (DSL) technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional, subject to conditioning charges and will be performed by SBC MISSOURI at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to this 2-Wire xDSL Loop.

4.1.2 IDSL Loop: An IDSL Loop for purposes of this Section is a 2-Wire IDSL digital loop transmission facility which supports IDSL-based services. (The terms and conditions for the 2-Wire Digital Loop are set forth in the Attachment UNE to this Agreement.) This loop also includes additional acceptance testing to insure the IDSL technology is compatible with the underlying Digital Loop Carrier system if present. IDSL is not compatible with all Digital Loop Carrier Systems and therefore this offering may not be available in all areas. SBC MISSOURI has advised CLEC, through the Accessible Letter or alternative process, which SBC MISSOURI central offices are IDSL-capable. CLEC shall only order IDSL Loops in those central offices which SBC MISSOURI has advised are IDSL-capable. The rates set forth in the Pricing Schedule shall apply to this IDSL Loop

4.1.3 4-Wire xDSL Loop: A 4-wire xDSL loop for purposes of this section, is a copper loop that supports the transmission of DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance, and based upon industry standards, should not include load coils, mid-span repeaters and/or excessive bridged tap (bridge tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional and will be performed by SBC MISSOURI at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule for the 4-Wire Analog Loop shall apply to this 4-Wire xDSL Loop.

4.1.4 4-Wire Digital Loop: See Attachment 6: UNE.

4.1.5 xDSL Subloop: An xDSL Subloop for purposes of this Attachment is as defined above in Section 2.1.2. The 2-wire or 4-wire xDSL Loop types listed above may be ordered as an

xDSL Subloop, subject to the conditions specfied above for that loop type. An xDSL Subloop will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing subloop is optional, subject to conditioning charges and will be performed by SBC MISSOURI at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to xDSL Subloops**.**

4.2 SBC MISSOURI shall be under no obligation to provision xDSL-capable Loops or Subloops in any instance where physical facilities do not exist. This shall not apply where physical facilities exist, but require conditioning. In that event, CLEC will be given the opportunity to evaluate the parameters of the xDSL service to be provided, and determine whether and what type of conditioning shall be performed at the request of the CLEC as provided in Section 6 below.

4.3 CLEC will not be required to specify a type of xDSL to be ordered. However, for each loop or subloop, CLEC should at the time of ordering notify SBC MISSOURI as to the type of PSD mask CLEC intends to use, and if and when a change in PSD mask is made, CLEC will notify SBC MISSOURI. Upon request by CLEC, SBC MISSOURI should disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. SBC MISSOURI will use this information for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a national standard PSD mask, CLEC shall provide SBC MISSOURI with a technical description of the technology (including power mask) for the inventory purposes. SBC MISSOURI will keep such information confidential and will take all measures to ensure that CLEC's xDSL Loop/xDSL Subloop Local Service Request (LSR), its ordering information and its deployment information is neither intentionally nor inadvertently revealed to any part of SBC MISSOURI'S retail operations, to any affiliate(s), or to any other CLEC without prior authorization from CLEC. Additional information on the use of PSD masks can be found in Section 10.1 below.

4.4 In the event that SBC MISSOURI rejects a request by CLEC for an xDSL Loop or xDSL Subloop, including, but not limited to denial due to fiber, DLC, or DAML facility issues, SBC MISSOURI will disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops or sub-loops, including the specific reason for the denial, within 48 hours of the denial. SBC MISSOURI will also file the reason for rejection with the MISSOURI Public Utility Commission in Project No. 21696. In no event shall the denial be based on loop length. If there is any dispute between the Parties with respect to this Section, SBC MISSOURI will not deny the loop (subject to Section 3.4 above), but will continue to provision loops until the dispute is resolved in accordance with the Dispute Resolution procedures set forth in this Agreement.

4.5 SBC MISSOURI will not deny CLEC's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if CLEC can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services.

4.5.1 Upon request by CLEC, SBC MISSOURI will cooperate in the testing and deployment of new xDSL technologies on a time and materials basis, or may direct CLEC, at CLEC's expense, to a third party laboratory of CLEC's choice for such evaluation.

4.5.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, SBC MISSOURI will provide a loop or subloop to support the new technology for CLEC as follows:

4.5.2.1 If the technology requires the use of a 2-Wire or 4-Wire xDSL loop or subloop [as defined in this Attachment], then SBC MISSOURI will provide with the xDSL loop or subloop at the same rates listed for a 2-Wire or 4-Wire xDSL loop or subloop and associated loop conditioning as needed (pursuant to Section 6 below). SBC MISSOURI'S ordering procedures and provisioning intervals will remain substantially the same, as for its 2-Wire or 4-Wire xDSL loop or subloop even though the xDSL loop or subloop is now capable of supporting a new xDSL technology.

4.5.2.2 In the unlikely event that a new xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire loop or subloop [as defined in this Attachment], the Parties shall expend diligent efforts to arrive at an agreement as to the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology shall be resolved pursuant to the Dispute Resolution process provided for in this Agreement.

4.6 Technologies deployed on copper loops must be in compliance with applicable national industry standards and/or requirements established during the MISSOURI Commission's Section 271 proceeding, e.g., standards set by the Section 271 DSL Working Group; provided, however, CLEC can deploy technologies under Section 4.5 above for which applicable national standards have not been adopted.

4.7 If SBC MISSOURI or another carrier claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then SBC MISSOURI or that other carrier that is claiming degredation is occurring must notify CLEC and CLEC must cooperate with SBC MISSOURI or the other claiming carrier to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that SBC MISSOURI or another carrier demonstrates to the Commission that CLEC's deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, CLEC shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services.

4.8 Each party must abide by Commission or FCC-approved spectrum management standards. SBC MISSOURI shall not impose its own standards for provisioning xDSL services, through Technical Publications or otherwise, until and unless approved by the Commission prior to use.

4.9 SBC MISSOURI shall not employ internal technical standards, through Technical Publications or otherwise, for its own retail xDSL, if any, that would adversely affect wholesale xDSL services or xDSL providers.

5.0 OPERATIONAL SUPPORT SYSTEMS: LOOP MAKE-UP INFORMATION AND ORDERING

5.1 General: SBC MISSOURI will provide CLEC with nondiscriminatory access, whether that access is available by electronic or manual means, to its OSS functions for pre-ordering, ordering, provisioning, maintenance and repair, and billing for xDSL Loops and Subloops. CLEC will be given nondiscriminatory access to the same loop makeup information that SBC MISSOURI is providing any other CLEC and/or SBC MISSOURI or its advanced services affiliate. This includes any operations support systems containing loop make-up information provided by SBC MISSOURI to SBC MISSOURI'S service representatives and/or SBC MISSOURI'S internal engineers and/or by SBC MISSOURI'S advanced services affiliate to provision its own retail xDSL service.

5.2 In connection with xDSL Loop and xDSL Subloops, SBC MISSOURI shall provide actual, real-time loop makeup information to CLEC via the loop qualification process.

5.3 Loop Qualification: SBC MISSOURI will provide access to its existing Datagate and EDI interfaces that will allow CLECs, as well as SBC MISSOURI'S retail operations or its advanced service affiliate, to have real-time electronic access as a preordering function to the Loop Makeup Information, when such information is contained in SBC MISSOURI'S electronic databases. If a CLEC elects to have SBC MISSOURI provide actual Loop Makeup Information through a manual process for information that is not available electronically, then the interval will be 3 business days or the interval provided to SBC MISSOURI'S advanced services affiliate, whichever is less.

5.4 Loop makeup data is expected by the Parties to include the following**:** (a) the actual loop length; (b) the length by gauge; and (c) the presence of repeaters, load coils, or bridged taps; and shall include, if noted on the individual loop record, (d) the approximate location, type, and number of bridged taps, load coils, and repeaters; (e) the presence, location, type, and number of pair-gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. SBC MISSOURI also shall provide to CLEC any other loop makeup information listed on the individual loop record but not listed above.

5.5 Where SBC MISSOURI has not compiled Loop Makeup Information for itself, SBC MISSOURI is not required to conduct a plant inventory and construct a database on behalf of CLEC. If SBC MISSOURI has manual access to this sort of information for itself, or any affiliate, SBC MISSOURI will provide access to it to CLEC on a non-discriminatory basis. To the extent SBC MISSOURI has access to this information in an electronic format, that same format should be made available to CLEC via an electronic interface.

5.6 SBC MISSOURI will provide electronic access to it's existing EDI and WebLex ordering interfaces needed for efficient provisioning of advanced services such as xDSL.

6 PROVISIONING/REQUESTING CONDITIONING AS PART OF CLEC'S ORDER

6.6 CLEC shall designate, at CLEC's sole option, what loop conditioning (**i.e.,** e.g., the removal of excessive or the removal of all bridged tap, pursuant to RABT, load coils and/or repeaters) SBC MISSOURI is to perform in provisioning the requested loop or subloop. Conditioning may be ordered on loop(s) or subloop(s) of any length to remove excessive bridged tap, load coils and/or repeaters at the loop conditioning rates set forth in the Pricing Schedule. Alternatively, CLEC may choose to order a loop or subloop "as is" in which case, the terms and conditions set out in optional Appendix YZP shall apply.

6.7 With respect to any CLEC request for loop conditioning to remove bridged tap on a loop or subloop under this Attachment, the following will apply**:**

6.2.1 SBC MISSOURI will remove any excessive bridged tap on the loop or subloop so that the loop or subloop is conditioned to meet applicable industry standards. For loops that are less than a distance of 12,000 feet in Actual Loop Length between the SBC MISSOURI Central Office and the end user customer's premises SBC MISSOURI shall condition xDSL Loops and xDSL Subloops to remove Excessive Bridged Tap, load coils and/or repeaters at no charge to CLEC.

6.2.2 If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Loop where the Actual Loop Length is 12,000 feet or greater, SBC MISSOURI shall condition the loop as requested to produce a "clean loop" at the rates set out in the Pricing Schedule. If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Subloop or xDSL Loop where the Actual Loop Length is 12,000 feet or greater, SBC MISSOURI shall condition the xDSL Loop or xDSL Subloop as requested to produce a "clean xDSL Loop or xDSL Subloop" at the rates set out in the Pricing Schedule. A request to remove all or non-excessive bridged tap for xDSL Loops and xDSL Subloops is subject to the time frames for completion and the notification requirements regarding impossibility of removal that are set out in Appendix RABT-MMP, Section 3.3.

6.3 SBC MISSOURI shall not be entitled to charge CLEC for conditioning or line station transfers when SBC MISSOURI'S loop makeup information indicates that the loop does not require conditioning, but CLEC or SBC finds during installation that the loop does, in fact require conditioning.

6.4 The provisioning and installation interval for xDSL Loops, where no conditioning is requested, on orders for 1-20 loops per order or per end-user location, will be 3-5 business days, or the provisioning and installation interval applicable to SBC MISSOURI'S tariffed xDSL-based services, or its affiliate's, whichever is less. The provisioning and installation intervals for xDSL Loops where conditioning is requested, on orders for 1-20 loops per order or per end-user customer location, will be 10 business days, or the provisioning and installation interval applicable to SBC MISSOURI'S tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less. Orders for more than 20 loops per order or per End-User location, where no conditioning is requested, will have a provisioning and installation interval of 15 business days, or as agreed upon by the Parties. Orders for more than 20 loops per order which require conditioning will have a provisioning and installation interval agreed to by the Parties in each instance. These provisioning intervals are applicable to every xDSL loop regardless of the loop length. Upon completion of the Subloop Access Arrangement and engineering design, the intervals (quantity and conditioning) for xDSL Subloops will be the same as the intervals set forth above for xDSL Loops.

6.5 Subsequent to CLEC's submission of the initial order for a xDSL Loop or xDSL Subloop, additional conditioning for the removal of excessive bridged tap, load coils and/or repeaters may be requested on such loop at the rates set forth in the Pricing Schedule and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL Loop or xDSL Sub-loop order, no additional service order charges shall be assessed, but the due date may be adjusted as necessary to meet standard offered provisioning intervals. After an order has been completed, CLEC may request the removal of all or non-excessive bridged tap, load coils and repeaters via a trouble ticket; the process, procedures and rates set out in Appendix RABT-MMP shall apply in addition to any applicable rates in this Attachment. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute performance measure commitments. Performance measures, if any, applicable to provisions of this Attachment are contained in Attachment 17: Performance Measures of this Agreement.

6.6 CLEC, at its sole option, may request shielded cross-connects for central office wiring at rates set forth in Pricing Schedule.

7.0* ACCEPTANCE TESTING

7.1* Should CLEC desire Acceptance Testing, CLEC shall request such testing on a per xDSL loop or xDSL subloop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.

7.2* Acceptance Testing Procedure:

7.2.1* Upon delivery of a loop or subloop to CLEC, SBC MISSOURI'S field technician will call the Local Operations Center (LOC) and the LOC technician will call a toll free number provided by CLEC to initiate performance of a series of Acceptance Tests.

7.2.1.1* Except for IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the SBC MISSOURI field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.

7.2.1.2* For IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the SBC MISSOURI field technician will not perform a short or open circuit.

7.2.2* If the loop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL loops, CLEC will provide SBC MISSOURI with a confirmation number and SBC MISSOURI will complete the order. CLEC will be billed and shall pay for the Acceptance Test as specified below under Acceptance Testing Billing.

7.2.3* If the Acceptance Test fails loop continuity test parameters, as defined by this Attachment for xDSL loops, the LOC or field technician will take reasonable steps to immediately resolve the problem with the CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the SBC MISSOURI technician will release the CLEC technician, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, SBC MISSOURI will contact CLEC to repeat the Acceptance Test. When the aforementioned test parameters are met, CLEC will provide SBC MISSOURI with a confirmation number and SBC MISSOURI will complete the order. If SBC MISSOURI determines loop continuity parameters are met, SBC MISSOURI may close the order. SBC MISSOURI will not complete an order that fails Acceptance Testing.

7.2.4* Until such time as CLEC and SBC MISSOURI agree, or industry standards establish, that their test equipment can accurately send signals through repeaters or digital loop carriers, CLEC will accept IDSL loops or subloops without testing the complete circuit. Consequently, SBC MISSOURI agrees that should CLEC open a trouble ticket on such a loop or subloop within ten (10) business days (that is the fault of SBC MISSOURI), SBC MISSOURI will adjust CLEC's bill and refund the recurring charge of such a loop until SBC MISSOURI has resolved the problem and closed the trouble ticket.

7.2.5* SBC MISSOURI will be relieved of the obligation to perform Acceptance Testing on a particular loop or subloop and will, assume acceptance of the loop or subloop by CLEC when CLEC places the SBC MISSOURI LOC or field technician on hold for over ten (10)

minutes. In that case, SBC MISSOURI may close the order utilizing existing procedures. Except as otherwise provided in this Attachment, if no trouble ticket is opened on that loop or subloop within 24 hours, SBC MISSOURI may bill and CLEC shall pay as if the Acceptance Test had been completed and the loop or subloop accepted. If, however, a trouble ticket is opened on the loop or subloop within 24 hours and the trouble resulted from SBC MISSOURI error, CLEC will be credited for the cost of the acceptance test. Additionally, CLEC may subsequently request and SBC MISSOURI will perform testing of such a loop or subloop under the terms and conditions of a repair request. If such loop or subloop is found by SBC MISSOURI to not meet loop continuity test parameters as defined herein, SBC MISSOURI will not charge for any acceptance testing performed on the repair call.

7.2.6* If a trouble ticket is opened within 24 hours of a loop or subloop order completion, and the trouble is determined to be SBC MISSOURI'S error, SBC MISSOURI will credit CLEC for any charge(s) previously assessed to CLEC for the test.

7.2.7* Both Parties will work together to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Agreement or any commission-ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any agreed-to changes require SBC MISSOURI to expend additional time and expense.

7.3* Acceptance Testing Billing

7.3.1* CLEC will be billed for Acceptance Testing upon the effective date of this Attachment for loops and subloops that are installed correctly by the committed interval without the benefit of corrective action performed by SBC MISSOURI due to acceptance testing. In particular, CLEC shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the SBC MISSOURI technician time involved, pursuant to the FCC tariffed rates set forth in FCC Tariff No. 73, Section 13.4.4; provided, however, the tariffed rates referenced shall be deemed to be automatically revised and updated in the event that the referenced tariff rates are modified during the term of this Agreement. If requested by CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime charges calculated at one and one half times the standard price and premium time as provided for in such tariff.

8.0* COOPERATIVE TESTING

8.1* The charges for Cooperative Testing shall be the same as provided for in Section 7.3.1 above. If requested by CLEC, Overtime or Premium time charges will apply for Cooperative Testing requests in off hours at overtime time and premium time tariffed charges referenced above.

8.2 Intentionally left blank.

8.3* Should CLEC desire Cooperative Testing, it shall request such testing on a trouble ticket on each xDSL capable loop or subloop upon issuance of the trouble ticket.

8.4* If the trouble ticket was opened without a request for Cooperative Testing, and CLEC should determine that it is desired or needed during any subsequent phase of maintenance and repair, the

request may be added; however, a trouble ticket commitment date will be calculated to account for the additional work.

8.5* Cooperative Testing Procedure:

8.5.1* The SBC MISSOURI field technician will call the LOC and the LOC will contact CLEC for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

8.5.2* If the loop or subloop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the technician will close out the trouble report and the LOC will bill and CLEC shall pay for the Cooperative Test as provided for in Section 7.3.1 above.

8.5.3* If the Cooperative testing fails "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the LOC technician will take any reasonable steps to immediately resolve the problem with CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work reasonably necessary to bring the loop or subloop to standard continuity parameters as defined by this Attachment for xDSL capable loops or subloops. When the aforementioned test parameters are met, the LOC will contact CLEC for another Cooperative Test.

8.5.4* SBC MISSOURI will be relieved of the obligation to perform Cooperative Testing on a particular loop or subloop and will assume acceptance of the test by CLEC when CLEC cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. SBC MISSOURI may then close the trouble ticket, document the time and reason, and may bill CLEC, and CLEC shall pay, as if the Cooperative Test had been completed as provided for in Section 7.3.1 above.

9.0 SERVICE QUALITY AND MAINTENANCE

9.1 Intentionally left blank.

9.2 Maintenance, other than assuring loop continuity and balance, on unconditioned or partially conditioned loops or subloops in excess of 12,000 feet will only be provided on a time and material basis as provided for in Section 7.3.1 above. On loops or subloops where CLEC has requested that no conditioning be performed, SBC MISSOURI'S maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at CLEC's request, SBC MISSOURI will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design.

9.3 For loops or subloops currently in service where trouble ticket resolution has identified that excessive bridged tab (bridged tap in excess of 2,500 feet), load coils and/or repeaters are present on the loop or subloop and transferring to a new loop or subloop is a solution identified by SBC MISSOURI to resolve the trouble ticket, SBC MISSOURI, at its sole option may perform a line and station transfer ("LST") to resolve and close out the identified trouble. In the event that a request for conditioning is received from CLEC on a loop or subloop currently in service and SBC MISSOURI determines that an LST can be performed, the appropriate SBC MISSOURI Local

Operations Center ("LOC") will contact CLEC to inform it that an LST will be performed in lieu of CLEC's requested conditioning. In such cases where SBC MISSOURI elects to perform an LST to resolve the identified trouble, CLEC will be billed and shall pay for such LST as outlined in the Pricing Schedule, but shall not be obligated to pay any maintenance or trip charges for SBC MISSOURI'S technicians to identify the problem. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an SBC MISSOURI network-related problem, CLEC will not be charged the LST rate or for SBC MISSOURI'S resolution of the trouble. If, however, the trouble is found to be a CPE or a non-SBC MISSOURI network-related problem, then a Maintenance of Service and/or Time and Materials charge set forth in FCC Tariff No. 73, Section 13.4.4 will apply in addition to the LST charge. If an LST is performed, SBC MISSOURI shall work diligently to minimize end-user customer service outage.

9.4 Each xDSL-Capable Loop or Subloop offering provided by SBC MISSOURI to CLEC will be at least equal in quality and performance as that which SBC MISSOURI provides to itself or to an affiliate.

10.0 SPECTRUM MANAGEMENT

10.1 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 SBC MISSOURI of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology to be used. CLEC, at its option and without further disclosure to SBC MISSOURI, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering an xDSL loop or subloop, CLEC will notify SBC MISSOURI as to the type of PSD mask CLEC intends to use on the ordering form and, if and when a change in PSD mask is made, CLEC will notify SBC MISSOURI as set forth in Section 4.3 above. CLEC will abide by standards pertinent for the designated PSD mask type.

10.2 SBC MISSOURI shall not implement, impose or maintain any spectrum management, selective feeder separation, or binder group management program. SBC MISSOURI may not segregate or reserve loop binder groups, pair ranges or pair complements exclusively for the provisioning of ADSL and/or POTS services to the exclusion of other xDSL technologies. SBC MISSOURI may not segregate xDSL technologies into designated loop binder groups, pair ranges or pair complements without prior Commission review and approval. SBC MISSOURI will not impose restrictions, on use of loop pairs for non-ADSL xDSL services, either through designations in the LFACS and LEAD databases or by the rules in LFACS limiting deployment of non-ADSL xDSL services to certain loop pair ranges. SBC MISSOURI will not deny requests for loops or subloops based on spectrum management issues.

10.3 In the event that a loop technology without national industry standards for spectrum management is deployed, SBC MISSOURI, CLECs and the Commission shall jointly establish long-term competitively neutral spectral compatibility standards and spectrum management rules and practices so that all carriers know the rules for loop technology deployment. The standards, rules and practices shall be developed to maximize the deployment of new technologies within binder groups while minimizing interference, and shall be forward-looking and able to evolve over time to encourage innovation and deployment of advanced services. These standards are to be used until such time as national industry standards exist. CLECs that offer xDSL-based service consistent with mutually agreed-upon standards developed by the industry in conjunction with the Commission, or by the Commission in the absence of industry agreement, may order local loops or

subloops based on agreed-to performance characteristics. SBC MISSOURI will assign the local loop or subloop consistent with the agreed-to spectrum management standards.

10.4 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Agreement, SBC MISSOURI and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.

10.5 In such case, SBC MISSOURI will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a CLEC or by SBC MISSOURI, as well as competitively neutral as between different xDSL services. Where disputes arise, SBC MISSOURI and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, SBC MISSOURI will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant, if any.

10.6 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, if SBC MISSOURI and/or CLEC is providing xDSL technologies deployed under Section 4.0 above, or other advanced services for which there is no standard, then SBC MISSOURI and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

11.0 PRICING

11.1 The rates for xDSL Loops, xDSL Subloops, Loop Qualification – Manual, Loop Conditioning, xDSL cross-connects – standard xDSL cross-connects – shielded and for Loop Qualification – Mechanized are set forth in the Pricing Schedule to the Agreement. The Parties further understand and agree that nothing in this Attachment or Agreement shall foreclose and/or otherwise affect either Party's rights to retroactive true-up for any interim rates for xDSL capable loops and associated offerings (e.g., loop qualification, loop conditioning, xDSL cross-connects, etc.), to which it may be entitled for the period prior to the effective date of this Agreement.

11.2 SBC MISSOURI will make "clean loops" and "clean subloops" available for all xDSL services and use by all xDSL providers. When CLEC orders an xDSL Loop or xDSL Subloop, SBC MISSOURI will make available for use on a nondiscriminatory basis loops and subloops that do not need conditioning. If no "clean loops" or "clean subloops" are available for use, then the conditioning charges set forth in the Pricing Schedule shall apply. SBC MISSOURI'S retail and/or advanced services affiliate shall not be given preferential access to "clean loops," or "clean subloops" nor shall such "clean loops" or "clean subloops" be reserved exclusively for ADSL services.

11.3 The conditioning charges, set forth in the Pricing Schedule, are applicable to every xDSL Loop and xDSL Subloop as to a loop that is 12,000 feet in Actual Loop Length or greater for which CLEC requests the removal of excessive bridged tap, load coils, and/or repeaters and the RABT-MMP Appendix for removal of non-excessive bridged tap.

12.0 RESERVATION OF RIGHTS/INTERVENING LAW

12.1 The Parties acknowledge and agree that the intervening law language set forth in Section XX of the General Terms and Conditions of this Agreement shall apply to all of the rates, terms and conditions set forth in this Attachment, in addition to all of the other rates, terms and conditions set forth in this Agreement, including any other Attachments/Appendices to such Agreement.

APPENDIX FOR THE REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP AFTER LOOP COMPLETION USING A MODIFIED MAINTENANCE PROCESS

Appendix to Attachment 25 xDSL

1. INTRODUCTION

1.1. This Appendix to Attachment 25 sets forth the terms and conditions for the Removal of All or Non-Excessive Bridged Tap ("RABT") using a modified version of the standard maintenance process for xDSL Loops and xDSL Subloops where CLEC requests such removal after its order for an xDSL Loop or xDSL Subloop has been completed. This process is available to CLEC as an alternative to SBC MISSOURI' existing ordering processes but applies only to completed loops.

2. DEFINITIONS

2.1 "**Minimum qualifications**" as used herein means a loop that has no load coil(s), repeater(s), or bridged tap in excess of 2,500 feet in total length.

2.2 "**No Sync situation**" as used herein means that after the completion of a provisioning service order, CLEC is experiencing a situation in which its DSLAM will not communicate (sync) with the End-User premises.

2.3 "**Removal of All or Non-Excessive Bridged Tap**" as used herein means the removal of all bridged tap (i.e., both Excessive and Non-Excessive) or the removal of Non-Excessive bridged tap in response to CLEC's request in connection with CLEC's xDSL Loop or xDSL Subloop.

3. REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP OFFERING

3.1. CLEC may request Removal of All or Non-Excessive Bridged Tap by either (1) ordering an xDSL Loop or xDSL Subloop and requesting such removal on its original service order or (2) generating a trouble ticket pursuant to Section 5 of this Appendix with the Local Operations Center (LOC) after the service order for an xDSL Loop or xDSL Subloop has completed and specifying the type of bridged tap conditioning requested on the trouble ticket. If CLEC selects option (1) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in Attachment 25 xDSL. If CLEC selects option (2) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in the following sections of this Appendix. Irrespective of whether CLEC selects option (1) or options (2), the limitations set forth in Section 3.3 shall apply.

3.2. Upon CLEC's request, the LOC will investigate and will address any SBC MISSOURI non-conditioning related reasons for any No Sync situation, or ensure CLEC's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the loop: provided, however, SBC MISSOURI does not guarantee the synchronization of any loop.

3.3. Except as otherwise provided below, in response to CLEC's request for removal of All or Non-Excessive Bridged Tap, either in its original order or in a trouble ticket, SBC MISSOURI will offer CLEC a zero plus five (0 + 5) business day interval, subject to Sections 3.3.1 and 3.3.2 below.

3.3.1. In those instances where SBC MISSOURI determines it is not possible to remove All or Non-Excessive Bridged Tap, 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 SBC MISSOURI, SBC MISSOURI has no obligation to perform the requested conditioning.

3.3.2. In those instances where SBC MISSOURI determines that it can Remove All or Non-Excessive Bridged Tap but cannot meet the zero plus five (0 + 5) business day interval e.g., in those situations (i) involving municipalities which may affect access 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 SBC MISSOURI, the Parties understand and agree that the zero plus five (0 + 5) business day interval set forth above shall not apply, but instead, in such situations, SBC MISSOURI will respond to CLEC's request for Removal of All or Non-Excessive Bridged Tap for xDSL Loops and xDSL Subloops in parity with the repair intervals SBC MISSOURI provides to its advanced services affiliate(s) in MISSOURI

3.3.3. SBC MISSOURI will advise CLEC as soon as possible when SBC MISSOURI is unable to remove All or Non-Excessive Bridged Tap or is unable to meet the zero plus five (0 + 5) business day interval.

3.4. If Removal of All or Non-Excessive Bridged Tap has been requested by the CLEC on a trouble ticket, the opening of the trouble ticket with specific conditioning requests will be used as authorization from CLEC for SBC MISSOURI to condition the loop as requested.

3.5. CLEC shall pay the appropriate conditioning charges for Removal of All or Non-Excessive Bridged Tap as set out in the Pricing Schedule set out in this Appendix.

4. TESTING

4.1. All testing requests after the completion of the service order will follow the testing procedures outlined for xDSL Loops and xDSL Subloops, as applicable, set out in Attachment 25 of this Agreement.

4.2. CLEC shall assist in trouble isolation for the Removal of All or Non-Excessive Bridged Tap-related initial trouble tickets by obtaining and providing to SBC MISSOURI interferor information on the loop or subloop at the time of opening the trouble ticket. For best results, CLEC is encouraged to provide appropriate testing equipment for its technician to determine the presence and location of the following: the number and location of load coil(s), repeater(s) and section(s) of bridged tap, including the length of individual section(s).

5. MAINTENANCE/SERVICE ASSURANCE

5.1. Prior to opening of a trouble ticket for the Removal of All or Non-Excessive Bridged Tap, CLEC must verify that the problem is not CLEC-related. If a Removal of All or Non-Excessive Bridged Tap trouble ticket is opened, and it is later determined by SBC MISSOURI that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed and CLEC shall pay the Maintenance Service Charge on a Time and Material basis in accordance with Section 7 of Attachment 25 - xDSL.

5.2. CLEC may open a trouble ticket for the Removal of All or Non-Excessive Bridged Tap via the following two methods:

5.2.1. By calling the LOC and opening a manual ticket with its specific conditioning request, e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

5.2.2. By opening an electronic bonding ticket. In such case, CLEC shall request specific conditioning in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

Both methods require the following:

1. When Excessive Bridged Tap is present on the loop, the removal of All bridged tap.
2. When Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap.

3. Once All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the SBC MISSOURI LOC. Vendor meet procedures can be found in SBC MISSOURI' CLEC On-Line Handbook.
4. It is CLEC's obligation to document on the trouble ticket the type of conditioning it is requesting be performed by SBC MISSOURI e.g., the Removal of All or Non-Excessive Bridged Tap. 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.
5. Any conditioning requests for the removal of Excessive Bridged Tap or for the removal of load coil(s) or repeater(s), will be performed pursuant to the existing rates, terms and conditions for xDSL Loops and Subloops provided for in Attachment 25 of this Agreement.

5.3. Except as otherwise provided for herein, when a trouble ticket is opened by CLEC for the Removal of All or Non-Excessive Bridged Tap, a zero plus five (0+ 5) business day interval will be given. Trouble ticket authorization for conditioning and billing will be provided as follows:

5.3.1. if the trouble ticket is opened for a loop that is 12,000 feet or greater in Actual Loop Length, SBC MISSOURI will use that designation and the initiation of the trouble ticket by CLEC as approval for loop conditioning and the loop will be conditioned by SBC MISSOURI. CLEC will then be billed and shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement upon the completion of the requested conditioning by SBC MISSOURI.

5.3.2. if the trouble ticket is opened for a loop that is less than 12, 000 feet in Actual Loop Length, and the loop is conditioned to remove bridged tap beyond that required to meet Minimum Qualifications, SBC MISSOURI will bill and CLEC shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement, for any conditioning performed by SBC MISSOURI at CLEC's request.

5.3.3. In the scenarios addressed in Subsections 5.3.1 and 5.3.2 above, the SBC MISSOURI LOC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not.

5.4. Escalations for trouble tickets will follow the existing procedures listed in the CLEC On-Line Handbook.

6. PRICING

6.1. The rates that SBC MISSOURI shall charge and CLEC shall pay for the Removal of All or Excessive Bridged Tap requested after CLEC's xDSL Loop or xDSL Subloop order has been completed are set forth in the Pricing Schedule set out in this Appendix.

Removal of All and Non-Excessive Bridged Tap Non Recurring Charge
Pricing Schedule

MISSOURI	SBC MISSOURI RECURRING		SBC MISSOURI NON-REC.	
	Monthly			
Removal of All Bridged Tap				
DSL Loops - >12KFT and < 17.5KFT				
Removal of All Bridged Tap	N/A		$876.63	N/A
Removal of Non-Excessive Bridged Tap				
DSL loops - >0KFT and < 17.5KFT				
Removal of Non-Excessive Bridged Tap	N/A		$338.64	N/A
Removal of All Bridged Tap > 17.5KFT				
DSL Loops - > 17.5KFT - per element				
Incremental Removal of All Bridged Tap > 17.5KFT - per element	N/A		$338.64	N/A
Removal of Non-Excessive Bridged Tap > 17.5KFT				
DSL Loops - >17.5KFT - per element				
Incremental Removal of Non-Excessive Bridged Tap > 17.5KFT - per element	NA		$338.64	N/A

(1) All of the Missouri RABT rates set forth above on this Missouri RABT Pricing Schedule are interim and subject to retroactive true-up upon the Missouri Public Service Commission's establishment of RABT rates, as more specifically provided in Paragraph 6.1 above.

(2) For any requests for the removal of Non-Excessive Bridged Tap only on loops 17,500 feet in length or less, CLEC shall pay the flat, interim, non-recurring rate of $338.64 With respect to any Non-Excessive Bridged Tap removed from an xDSL loop over 17,500 feet in length, CLEC shall pay a flat, interim, non-recurring rate of $338.64 for any and all Non-Excessive Bridged Tap removed from the loop under 17,500 feet and shall pay an interim non-recurring rate of $338.64 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement). CLEC may request the removal of Non-Excessive Bridged Tap on loops below 12,000 feet in length at the same RABT rate as loops between 12,000 and 17,500 feet (i.e., 338.64).

(3) For any requests for the removal of All Bridged Tap on loops 17,500 feet in length or less, CLEC shall pay the interim, flat, non-recurring rate of $338.64 for any and all Excessive and Non-Excessive Bridged Tap present on the loop and in addition, shall pay an interim non-recurring rate of $338.64 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement).

ATTACHMENT 27:
ACCESS TO OPERATIONS SUPPORT SYSTEMS (OSS)

1.0 INTRODUCTION

1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to support the resale 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, SBC's OSS is based upon a 13-State platform. In order to access OSS for transactions in other SBC states, CLEC must have OSS terms and conditions in such state.

1.2 SBC Communications Inc. means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a/ SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC owned ILEC doing business in Missouri.

1.4 SBC MISSOURI has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

2.0 DEFINITIONS

2.1 "LSC" means the Local Service Center (LSC) for SBC MISSOURI.

2.2 "LOC" means the Local Operations Center (LOC) for SBC MISSOURI.

2.3 "MCPSC" means the Mechanized Customer Production Support Center (MCPSC) for SBC MISSOURI.

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 SBC MISSOURI's OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

3.0 GENERAL CONDITIONS

3.1 Resale and Section 251 (c)(3) 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 SBC MISSOURI 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. (Issue #1)

3.2 When SBC MISSOURI introduces electronic interfaces, in accordance with the Change Management Process referenced in Section 3.15 below, those interfaces will be deemed automatically added to this Attachment, upon request of CLEC unless SBC MISSOURI believes there are essential terms and conditions unique to the new interface that are not included in this Attachment. In such case, SBC MISSOURI 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 SBC MISSOURI 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 CLEC agrees to utilize SBC MISSOURI electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services, local number portability**,** interconnection, and UNEs through SBC MISSOURI. In addition, CLEC agrees that such use will comply with SBC MISSOURI'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 SBC MISSOURI against any cost, expense, or liability relating to any unauthorized entry or access into, or use or manipulation of SBC MISSOURI'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 SBC MISSOURI for any and all damages caused by such unauthorized entry.

3.5 Within SBC MISSOURI, 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 Customer where CLEC has obtained an authorization for release of CPNI from the Customer**.**. (ISSUE #1)

3.5.1 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.

3.5.2 CLEC is solely responsible for determining whether proper authorization has been obtained and holds SBC MISSOURI harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an Customer. (ISSUE #1)

3.6 Intentionally Left Blank

3.7 In the event SBC MISSOURI has good cause to believe that CLEC has used SBC MISSOURI OSS in a way that conflicts with this Agreement or Applicable Law, SBC MISSOURI 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 SBC MISSOURI's Notice of Misuse, which shall be provided to SBC MISSOURI within twenty (20) days after receipt of the Notice of Misuse. In the event CLEC agrees with SBC MISSOURI's allegation of misuse, CLEC shall refrain from the alleged misuse during the term of this Agreement. In the event CLEC disagrees with SBC MISSOURI's allegation of misuse, either Party may invoke Dispute Resolution per 3.8 below.

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 SBC MISSOURI's security guidelines. Except as otherwise set forth in this Article, CLEC's liability for improper or unauthorized use of or access to SBC MISSOURI's OSS shall be governed by Section 9.0 of the General Terms and Conditions of the Agreement.

3.9 In the event CLEC does not agree that CLEC's use of SBC MISSOURI's OSS is inconsistent with this Agreement or Applicable Law as alleged by SBC MISSOURI, 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 SBC to be improper, until CLEC has remedied the misuse in a manner acceptable to both Parties.

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. Such efforts shall begin as soon as CLEC has received the Notice of Misuse and shall continue until the issue has been resolved or Dispute Resolution has been invoked by either Party.

3.10 After the time for CLEC's response to Notice of Misuse, set forth in Section 3.7 has expired, SBC MISSOURI shall have the right to conduct an audit of CLEC's use of the SBC MISSOURI OSS. Upon notice and good cause shown, SBC MISSOURI shall have the right to conduct an audit of CLEC's use of the SBC MISSOURI 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 SBC MISSOURI OSS is justified under the circumstances that exist at the time SBC MISSOURI elects to conduct such an audit. Such audit shall be limited to auditing those aspects of CLEC's use of the SBC MISSOURI OSS that relate to SBC's allegation of misuse as set forth in the Notice of Misuse. SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI 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 SBC MISSOURI'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. SBC MISSOURI 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 SBC MISSOURI, or any SBC affiliate.

3.11 When Resale Service and Section 251 (c)(3) UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, SBC MISSOURI and CLEC will use manual processes. Should SBC MISSOURI develop electronic interfaces for these functions for itself, SBC MISSOURI will make electronic access available to CLEC. (ISSUE #1)

3.12 The Information Services (I.S.) Call Center for the SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI 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. SBC MISSOURI shall list the business days and hours for each call center in SBC-13STATE's CLEC Handbook and notice any changes via Accessible Letter. Minimum hours of operation for each center shall be:

IS Call Center: 7 days per week, 24 hours per day

LSC [Connecticut center NA]& MCPSC: Monday through Friday, excluding Holidays,
8:00 AM to 5:00 PM (in each applicable timezone)

LOC – Maintenance: 7 days per week, 24 hours per day

LOC – Provisioning: Monday through Friday, excluding Holidays, 8:00 AM to 5:00 PM (in each applicable timezone)

SBC MISSOURI shall ensure adequate coverage in its service centers during these minimum hours.

3.15 The Parties will follow the final adopted guidelines of **"**SBC Competitive Local Exchange Carrier (CLEC) 13-State Interface Change Management Process", in accordance with the Change Management principles**.** Those guidelines, or a successor, as they may be modified from time to time, are incorporated into this Agreement by reference as if fully set forth herein.

3.16 SBC MISSOURI will continue to maintain the editing capabilities of SBC MISSOURI'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 Intentionally Left Blank

3.18 Due to enhancements and on-going development of access to SBC MISSOURI's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. SBC MISSOURI 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 SBC MISSOURI OSS functions as specified in Sections 8 and 9 of this Attachment.

4.0 PREORDER INTERFACES & FUNCTIONALITY

4.1 SBC MISSOURI will provide real time access to pre-order functions to support CLEC ordering of Resale services and Section 251 (c)(3) UNEs. 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 SBC MISSOURI ordering requirements. (ISSUE #1)

4.2 Pre-Ordering functions for Resale Services and UNEs include:

4.2.1 Feature/Service Availability:

4.2.1.1 Feature Inquiry provides SBC MISSOURI with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

4.2.1.2 PIC/LPIC Inquiry provides SBC MISSOURI Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.

4.2.2 Customer Service Information - CSI Inquiry:
Access to SBC MISSOURI 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, and long distance carrier identity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after it obtains authorization for release of CPNI.

4.2.3 Telephone Number Inquiry:
SBC MISSOURI 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 Customer (where available). (ISSUE #1)

4.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.

4.2.5 Address Validation Inquiry:
SBC MISSOURI 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:
SBC MISSOURI provides pre-order loop qualification information specific to Section 251 (c)(3) UNE DSL capable and 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. (ISSUE #1)

4.3.2 Common Language Location Indicator (CLLI) Inquiry:
SBC MISSOURI provides CLLI code inquiry function.

4.3.3 Connecting Facility Assignment (CFA) Inquiry:
SBC MISSOURI provides a CFA inquiry function.

4.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry**:**
SBC MISSOURI provides a NC/NCI inquiry function.

4.4 Electronic Access to Pre-Order Functions

4.4.1 Resale and Section 251 (c)(3) UNE Pre-order Interface Availability

4.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in SBC MISSOURI 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 SBC MISSOURI. 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 SBC MISSOURI 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 Section 251 (c)(3) UNE. DataGate follows industry guidelines, but is based on SBC MISSOURI'S proprietary pre-ordering functionality. (ISSUE #1)

4.4.1.4 Consumer Easy Access Sales Environment (C-EASE): C-EASE is an ordering entry system through which SBC MISSOURI provides CLEC access to the functions of pre-ordering to order SBC MISSOURI consumer Resale services.

4.4.1.5 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which SBC MISSOURI provides CLEC access to the functions of pre-ordering to order SBC MISSOURI business Resale services.

4.4.1.6 Service Order Retrieval and Distribution (SORD) is available for the pre-order function of viewing the CPNI, when SORD is used to order SBC MISSOURI Resale service.

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, SBC MISSOURI 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)

5.0 ORDERING/PROVISIONING

5.1 SBC MISSOURI provides access to ordering functions to support CLEC provisioning of Resale services and Section 251 (c)(3) UNEs 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 SBC MISSOURI to provision in accordance with applicable SBC MISSOURI LSOR ordering requirements. SBC MISSOURI will provide CLEC access to one or more of the following systems or interfaces: (ISSUE #1)

5.2 Service Order Request System Availability

5.2.1 SBC MISSOURI 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 SBC MISSOURI Local Service Ordering Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale Services or UNEs, CLEC and SBC MISSOURI will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon SBC MISSOURI's Resale Service and Section 251 (c)(3) UNE ordering requirements. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.

5.2.2 Web-based LEX is the 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 C-EASE is available in SBC-MISSOURI for the ordering of consumer Resale services.

5.2.4 B-EASE is available in SBC-MISSOURI for the ordering of business Resale services.

5.2.5 SORD interface provides CLECs in SBC-MISSOURI with the ability to create Resale and Section 251 (c)(3) UNE orders as well as certain complex Resale and Section 251 (c)(3) UNE orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Local Exchange (LEX). (ISSUE #1)

5.2.5.1 SORD interface supports CLEC initiated modification of service orders submitted electronically by CLEC via the following SBC MISSOURI OSS applications: Business EASE, Consumer EASE or SORD (via DOES-Direct Order Entry System). CLEC should not use SORD to modify service orders issued electronically via LEX/EDI. In addition, CLEC should not use SORD to modify orders submitted manually to the LSC. The Parties agree that the following conditions are applicable to EASE and SORD generated service orders with errors corrected via SORD. If CLEC chooses to use SORD to issue orders and/or modify EASE generated orders, then CLEC becomes responsible for correction of all EASE and SORD service order errors that occur between order application and order completion. CLEC may need to call the LSC to obtain additional information. For terms and conditions for service order error correction within SORD, see section 5.3.3.

5.2.7 In ordering and provisioning Section 251 (c)(3) Unbundled Dedicated Transport and local interconnection trunks, CLEC and SBC MISSOURI will utilize industry ASR guidelines developed by OBF based upon SBC MISSOURI ordering requirements. (ISSUE #1)

5.3 Additional Terms for Provisioning

SBC MISSOURI will provision Resale services and Section 251 (c)(3) UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces: (ISSUE #1)

5.3.1 Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status. In addition, in SBC-MISSOURI pending orders can be viewed in SORD.

5.3.2 When CLEC places an electronic order using SBC MISSOURI'S LSOR-based ordering system (e.g. EDI and LEX) or the ASR-based ordering system as described in Section 5.2.7 above, SBC MISSOURI will provide CLEC with an electronic confirmation notice (also known as a firm order confirmation ("FOC")). The confirmation notice will follow industry-standard formats and contain the SBC MISSOURI confirmed due date for order completion. ("Due Date"). Upon completion of an LSR, SBC MISSOURI will provide CLEC with an electronic completion notice that follows industry-standard formats and states when that order was completed (also known as a service order completion ("SOC")). In addition, SBC MISSOURI will provide a loss notification and a post to bill notification, as discussed in the Uniform Plan of Record and defined in the SBC LSOR.

5.3.2.1 Post to Bill Notification is sent to CLEC for each complete LSR/PON after all serve orders associated with the request post to billing. The time frame between an order posting to bill and the CLEC notification would be a minimum of two days. Post to Bill Notifications are provided consistent with the SBC LSOR.

5.3.3 As detailed in section 5.2.5.1, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

5.3.3.1 Errors occurring between application and distribution must be corrected within five (5) business hours for a simple order and within twenty four (24) hours for a complex order;

5.3.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.3.3 If CLEC fails to correct service order errors within the timeframes specified in this Section 5.3.3, service orders on which errors occur will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements..

6.0 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 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 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 SBC MISSOURI. 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 SBC MISSOURI will exchange requests over a mutually agreeable X.25-based network.

7.0 BILLING MEDIA AND INTERFACES

7.1 SBC MISSOURI will bill CLEC for Resold services and UNEs. SBC MISSOURI will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum SBC MISSOURI will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as selected by CLEC. 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 CLEC may receive a mechanized bill format via the EDI 811 transaction set.

7.2.2 For Resale Services, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, SBC's Local Exchange Tariff.

7.2.3 For Resale Services, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC's Classic Toolbar.

7.2.4 Intentionally Left Blank

7.2.5 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 SBC MISSOURI 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, LEX.

7.3 Electronic access to billing information for Section 251 (c)(3) UNE will also be available via the following interfaces:

7.3.1 SBC MISSOURI 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 CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC's Classic Toolbar.

7.3.3 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 CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, LEX. For UNEs this loss notification indicates when CLEC's Customers, utilizing SBC MISSOURI ports, change their Competitive Local Exchange Carrier. (ISSUE #1)

8.0 REMOTE ACCESS FACILITY

8.1 CLEC must access OSS interfaces via a CLEC Remote Access Facility. For SBC SOUTHWEST REGION 5-STATE, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the SBC-2STATE region. The ARAF, located in Chicago, IL, serves SBC MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the SBC 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 SBC-13STATE OSS interfaces to perform the supported functions in any SBC-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 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 SBC MISSOURI LRAF, SBC-2STATE PRAF, SBC MIDWEST REGION 5-STATE ARAF, and SBC 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 SBC OSS via the public internet.

8.3 CLEC shall use TCP/IP to access SBC MISSOURI OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address. CLEC shall maintain a user-id / password unique to each individual for accessing a SBC MISSOURI**,** SBC-2STATE**,** SBC MIDWEST REGION 5-STATE, or SBC 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 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.

9.0 DATA CONNECTION SECURITY REQUIREMENTS

9.1 CLEC agrees that interconnection of CLEC data facilities with SBC MISSOURI data facilities for access to OSS will be in compliance with SBC-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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI, as appropriate to the ownership of a failed component. As necessary, CLEC and SBC MISSOURI 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 SBC MISSOURI, 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 shall utilize OSS resources for approved business purposes only.

9.5.2 Intentionally Left Blank

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 by CLEC on a regular 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.

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 access 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 (SBC MISSOURI 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). SBC MISSOURI 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 Section 251 (c)(3) 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. (ISSUE #1)

10.2 Prior to introduction of new applications or interfaces, or modifications of the same, upon the request of either party, the Parties shall conduct cooperative testing pursuant to a mutually agreed test plan.

11. OSS TRAINING COURSES

11.1 Prior to initial live system usage, CLEC must complete user education classes for SBC MISSOURI-provided interfaces that affect the SBC-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:

Training Rates	5 day class	4.5 day class	4 day class	3.5 day class	3 day class	2.5 day class	2 day class	1.5 day class	1 day class	½ day class
1 to 5 students	$4,050	$3,650	$3,240	$2,835	$2,430	$2,025	$1,620	$1,215	$810	$405
6 students	$4,860	$4,380	$3,890	$3,402	$2,915	$2,430	$1,945	$1,455	$970	$490
7 students	$5,670	$5,100	$4,535	$3,969	$3,400	$2,835	$2,270	$1,705	$1,135	$570
8 students	$6,480	$5,830	$5,185	$4,536	$3,890	$3,240	$2,590	$1,950	$1,300	$650
9 students	$7,290	$6,570	$5,830	$5,103	$4,375	$3,645	$2,915	$2,190	$1,460	$730
10 students	$8,100	$7,300	$6,480	$5,670	$4,860	$4,050	$3,240	$2,430	$1,620	$810
11 students	$8,910	$8,030	$7,130	$6,237	$5,345	$4,455	$3,565	$2,670	$1,780	$890
12 students	$9,720	$8,760	$7,780	$6,804	$5,830	$4,860	$3,890	$2,920	$1,945	$970

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 SBC 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 SBC MISSOURI availability and will be coordinated among CLEC, the CLEC's SBC MISSOURI Account Manager, and SBC MISSOURI 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, and such cancellation results in the cancellation or rescheduling of such class(es). CLEC agrees to provide to SBC MISSOURI 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 SBC-13STATE system 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 SBC MISSOURI'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 This Agreement does not include flat rate charges for OSS system access and connectivity. SBC MISSOURI is not waiving its right to recover its OSS costs during the term of this Agreement and nothing herein shall preclude SBC MISSOURI from proposing new rates and charges for OSS cost recovery during the term of this Agreement. Provided however, SBC MISSOURI may not impose such new rates or charges unless the Parties amend this Agreement pursuant to the General Terms and Conditions. New rates or charges as provided herein, if any, shall be on a going forward basis only.

13. MISCELLANEOUS CHARGES

13.1 For SBC MISSOURI region only, CLEC requesting the Bill Plus™, as described in 7.2.2, agrees to pay applicable tariffed rate, less Resale discount.

13.2 CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.5 and 7.3.3, agrees to pay established rates pursuant to Appendix Pricing.

13.3 CLEC requesting the Local Disconnect Report, as described in 7.2.6 and 7.3.4, agrees to pay established rates pursuant to Appendix Pricing.

13.4 Should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by SBC MISSOURI on an Individual Case Basis (ICB) and priced as such.

14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

14.1 SBC MISSOURI 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 SBC MISSOURI OSS via a Service Bureau Provider as follows:

14.2.1 CLEC shall be permitted to access SBC MISSOURI 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 SBC MISSOURI to allow Service Bureau Provider to establish access to and use of SBC MISSOURI'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. SBC MISSOURI shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, SBC MISSOURI 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 SBC MISSOURI 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 SBC MISSOURI'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 SBC MISSOURI's OSS) which could not be avoided by SBC MISSOURI 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.

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

XO Communications Services, Inc.

Signature: Heather B. Gold

Name: Heather B. Gold

Title: Senior VP –Regulatory

Date: 08-09-05

Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI By SBC Operations, Inc., its authorized agent

Signature: _____

Name:

Title: AVP – Local Interconnection Marketing

Date: _____

Intercarrier Compensation Option Choice:

Designate Choice with X	Option Number	Description
X	Option 1	Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic
	Option 2	All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate
	Option 3	Long-term local Bill and Keep as the reciprocal compensation arrangement for Section 251(b)(5) Traffic and ISP-Bound Traffic

Arbitration Result - Conformed to MO Arbitration Award T0-2005-0336.

IN WITNESS WHEREOF, this Embedded Base Rider to the Agreement was exchanged in triplicate on this ____ day of August, 2005, by the Parties, signing by and through their duly authorized representatives.

XO Communications Services, Inc.

By: Heather B. Gold

Name: Heather B. Gold
(Print or Type)

Title: Senior VP - Regulatory
(Print or Type)

Date: 08-09-05

Southwestern Bell Telephone, L.P. d/b/a SBC MISSOURI By SBC Operations, Inc., its authorized agent

By: _____

Name: _____
(Print or Type)

Title: AVP-Local Interconnection Marketing

Date: _____

FACILITIES-BASED OCN # 4774

ACNA _____

Further Amendment
Superseding Certain Intervening Law, Compensation,
Interconnection and Trunking Provisions

This Further Amendment Superseding Certain Intervening Law, Reciprocal Compensation, Interconnection and Trunking Terms ("Further Amendment") is applicable to this and any future Interconnection Agreement(s) between SBC Telecommunications, LLC. on behalf of and as agent for Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, Wisconsin Bell Inc. d/b/a SBC Wisconsin, Nevada Bell Telephone Company d/b/a SBC Nevada, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company, and Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, SBC Oklahoma, SBC Texas, SBC Arkansas, and SBC Kansas and any of its future affiliates or subsidiaries which are the Incumbent Local Exchange Carrier (hereinafter each individually being a "SBC ILEC," and collectively being the "SBC ILECs") and XO Communications Services, Inc, on behalf of itself and any and all affiliates, subsidiaries, successors, predecessors and assigns which are, or in the case of predecessors, were, a Certified Local Exchange Carrier in California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio, or Connecticut (including, without limitation, XO Illinois, Inc., XO California, Inc., XO Texas, Inc., Allegiance Telecom of Texas, Inc., Allegiance Telecom of California, Inc.; Allegiance Telecom of Illinois, Inc., XO Long Distance Services, Inc., XO Ohio, Inc., XO Michigan, Inc., XO Missouri, Inc., Allegiance Telecom of Michigan, Inc., Allegiance Telecom of Indiana, Inc., Allegiance Telecom of Ohio, Inc., Allegiance Telecom of Oklahoma, Inc., Allegiance Telecom of Nevada, Inc., Allegiance Telecom of Wisconsin, Inc., Allegiance Telecom of Missouri and Coast to Coast Telecommunications, Inc.,) through December 31, 2005 (hereinafter, collectively, "XO"), whether such Agreement is negotiated, arbitrated, or arrived at through the exercise of Section 252 (i) "Most Favored Nation" (MFN") rights. ILECs and XO may be referred to individually as "Party" or collectively as the "Parties".

WHEREAS, SBC ILECs and XO entered into interconnection agreements pursuant to Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act") that were approved by the applicable state commissions (the "ICAs") (Any and all such ICAs between the Parties to be referred to hereinafter as the "ICAs."); and

WHEREAS, for the states of California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio and Connecticut, the Parties entered into an Amendment to XO Contracts Superseding Certain Reciprocal Compensation, Interconnection and Trunking Terms ("Superseding Amendment") which expired on December 31, 2004; and

WHEREAS, for the states of California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio and Connecticut, the Parties desire to extend the Superseding Amendment for the Term (as defined below) of this Further Amendment subject to the following modifications.

WHEREAS, the Term of this Further Amendment ("Term") shall commence on the January 1, 2005 ("Effective Date") and shall continue until December 31, 2005. Thereafter, this Further Amendment will remain in full force and effect unless terminated by either Party by providing at least thirty (30) days' written notice to the other Party specifying the date it wishes to terminate this Further Amendment ("Termination Date.")

WHEREAS, the Parties wish to update and extend the Superseding Amendment by entering into this Further Amendment ;

NOW, THEREFORE, for and in consideration of the premises, mutual promises and covenants contained in this Further Amendment, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1.0 Scope of Agreement and Lock In:

1.1 The foregoing Recitals are hereby incorporated into and made a part of this Further Amendment.

1.2 Notwithstanding anything to the contrary in this Further Amendment, except for the waivers of intervening law in Section 2.2 and XO's waiver of 252(i) MFN rights in Section 1.6 which are unaffected by this Section, neither Party waives, but instead expressly reserves, all of their 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, their intervening law rights (including intervening law rights asserted via written notice as to the Separate Agreement) relating to the following actions, which the Parties have not yet fully incorporated into this Further Amendment, the underlying ICAs or any future interconnection agreements 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 Order on Remand (FCC 04-290) WC Docket No. 04-312 and CC Docket No. 01-338 (rel. Feb. 4, 2005) ("TRO Remand Order") and the FCC's Biennial Review Proceeding; 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 as to Intercarrier Compensation, CC Docket 01-

92 (Order No. 01-132) (rel. April 27, 2001); and 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).

1.3 The Parties agree that this Further Amendment will act to supersede, amend and modify the applicable provisions currently contained in the ICAs. This Further Amendment shall also be incorporated into and become a part of, by exhibit, attachment or otherwise, and shall supersede, amend, and modify the applicable provisions of, any future interconnection agreement(s) between the Parties for the Term, whether negotiated, arbitrated, or arrived at through the exercise of Section 252(i) MFN rights.

1.4 Any inconsistencies between the provisions of this Further Amendment and other provisions of the current ICAs or future interconnection agreement(s) described above for the Term, will be governed by the provisions of this Further Amendment, unless this Further Amendment is specifically and expressly superseded by a future amendment between the Parties.

1.5 If the underlying ICAs or any future interconnection agreement(s) expire sooner than the Termination Date, the Parties agree that the Further Amendment shall not extend or otherwise alter the term and termination rights of the underlying ICAs or any future interconnection agreement(s), but instead, the Further Amendment will be incorporated into any successor interconnection agreement(s) between the Parties through the Termination Date. Also, the Parties recognize that an MFN interconnection agreement often receives quicker state public utility commission ("PUC") approval than the negotiated Further Amendment which will be affixed to that interconnection agreement. To the extent that the date of state PUC approval of the underlying MFN interconnection agreement precedes the date of state PUC approval of the Further Amendment, the Parties agree that the rates, terms and conditions of the Further Amendment will, upon state PUC approval of the Further Amendment, apply retroactively to the date of such state PUC approval of the underlying MFN interconnection agreement, or January 1, 2005, whichever is earlier so that the rates, terms and conditions contained herein will apply uninterrupted for the Term. In no event shall this retroactivity apply prior to the effective date this Further Amendment is signed by XO.

1.6 XO hereby waives its section 252(i) MFN rights for any reciprocal compensation, points of interconnection ("POIs") or trunking requirements that are subject to this Further Amendment; provided, however, that if such other rates, terms, and conditions have been voluntarily agreed to by SBC ILEC across the thirteen-state region as a whole, XO may exercise its rights under section 252(i) to obtain the rates, terms, and conditions in their entirety governing reciprocal compensation, POIs or trunking requirements to which SBC ILEC have agreed. This waiver includes, but is not limited to, any lease, transfer, sale or other conveyance by XO of all or a substantial portion of its assets, in which case XO shall obtain the purchaser's agreement to be bound

by the terms and conditions set forth herein, but only as to that portion of purchaser's operations resulting from the purchase of XO.

2.0 Intervening Law/Change of Law:

2.1 The Parties acknowledge and agree that on May 24, 2002, the D.C. Circuit issued its decision in *United States Telecom Association, et. al v. FCC,* 290 F.3d 415 (D.C. Cir. 2002) ("*USTA* decision") and following remand and appeal issued a decision in *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004) ("*USTA II decision*"), . In addition, the FCC's adopted its Triennial Review Order on February 20, 2003 CC Docket Nos. 01-338, 96-98 and 98-147 (FCC 03-36), and Order on Remand (FCC 04-290) WC Docket No. 04-312 and CC Docket No. 01-338 (rel. Feb. 4, 2005) ("TRO Remand Order");Moreover, on January 25, 1999, the United States Supreme Court issued its opinion in *AT&T Corp. v. Iowa Utilities Bd.*, 525 U.S. 366 (1999) (and on remand, *Iowa Utilities Board v. FCC,* 219 F.3d 744 (8th Cir. 2000)) and *Ameritech v. FCC*, No. 98-1381, 1999 WL 116994, 1999 Lexis 3671 (1999) and on appeal to and remand by the United States Supreme Court, *Verizon v. FCC, et. al*, 535 U.S. 467 (2002) (all collectively referred to as the "Orders"). In entering into this Further Amendment, and except as otherwise set forth in Section 2.2 below, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to the Orders and any other federal or state regulatory, legislative or judicial action(s), including but not limited to any legal or equitable rights of review and remedies (including agency reconsideration and court review), and its rights under this Intervening Law paragraph and as to any intervening law rights that either Party has in the current ICAs or any future interconnection agreement(s). Except as otherwise set forth in Section 2.2 below, if any reconsideration, agency order, appeal, court order or opinion, stay, injunction or other action by any state or federal regulatory or legislative body or court of competent jurisdiction stays, modifies, or otherwise affects any of the rates, terms and/or conditions ("Provisions") in this Further Amendment or the current ICAs or any future interconnection agreement(s), specifically including, but not limited to, those arising with respect to the Orders, the affected Provision(s) will be immediately invalidated, modified or stayed as required to effectuate the subject order, but only after the subject order becomes effective, upon the written request of either Party ("Written Notice"). In such event, 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. 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 the current ICAs or any future interconnection agreement(s). In the event that any intervening law rights in the current ICAs or any future interconnection agreement(s) conflict with this Intervening Law paragraph and Section 2.2, for the Term, this Intervening Law paragraph and Sections 2.2 following shall supersede and control as to any such conflict(s) as to all rates, terms and conditions in the current ICAs and any future interconnection agreement(s) for such time period.

2.2 Notwithstanding anything herein, during the Term the Parties waive any rights they may have under the Intervening/Change of Law provisions in this Further Amendment, the Parties' current ICAs or any future interconnection agreement(s) to which this Further Amendment is added, or any other amendments thereto with respect to any reciprocal compensation or Total Compensable Local Traffic (as defined herein), POIs or trunking requirements that are subject to this Further Amendment including, without limitation, waiving any rights to change the compensation in this Further Amendment in the event that SBC ILEC invokes the FCC terminating compensation plan pursuant to the FCC ISP Reciprocal Compensation Order in any particular state(s); provided however, that if a final, legally binding FCC order related to intercarrier compensation becomes effective after the Effective Date of this Further Amendment including, without limitation, an FCC Order that is issued upon the conclusion of the FCC's Notice of Proposed Rulemaking on the topic of Intercarrier Compensation, *In the Matter of Developing a Unified Interccarrier Compensation Regime*, CC Docket 01 92, established in Notice of Proposed Rulemaking Order No. 01-132 (April 27, 2001) (referred hereto as an "FCC Order:"), the affected provisions of this Further Amendment relating to rates for reciprocal compensation, rates for Total Compensable Local Traffic (as defined herein), POIs or trunking requirements shall be invalidated, modified, or stayed, consistent with such FCC Order, with such invalidation, modification, or stay becoming effective only upon the date of the written request of either Party once the FCC Order has become effective (the "Written Request"). In such event, upon receipt of the Written Request, the Parties shall expend diligent efforts to arrive at an agreement regarding the appropriate conforming modifications to the ICAs, future interconnection agreement(s) and Further Amendment (including any separate amendments to such agreements). If negotiations fail, disputes between the Parties concerning the interpretation of the actions required or provisions affected by such FCC Order shall be resolved pursuant to the dispute resolution process provided for in the ICAs or future interconnection agreement(s) provided, however, that the rates, terms and conditions ultimately ordered by a state commission in an arbitration or negotiated by the Parties shall be retroactive to the effective date of the Written Request following such FCC Order. Except with respect to the exceptions relating to rates for reciprocal compensation, rates for Total Compensable Local Traffic (as defined herein), POIs and trunking requirements provisions set forth in this Section 2.2, during the Term, each Party shall have full intervening law rights under Section 2.1 of this Further Amendment and any intervening law rights in the underlying Agreement, and may invoke such intervening law/change in law rights as to any provisions in the ICA or future interconnections agreement(s) (including any separate amendments) impacted by any regulatory, legislative or judicial action as well as the intervening law rights relating to an FCC Order set forth in this Section 2.2.

3.0 Reservations of Rights:

3.1 The Parties continue to disagree as to whether ISP calls constitute local traffic subject to reciprocal compensation obligations. By entering into this Further Amendment, neither party waives its right to advocate its view with respect to this issue. The Parties agree that nothing in this Further Amendment shall be construed as an

admission that ISP traffic is, or is not, local in nature. The Parties further agree that any payment to XO under the terms of this Further Amendment shall not be construed as agreement or acquiescence by the SBC ILECs that calls to ISPs constitute local traffic subject to reciprocal compensation obligations. Notwithstanding the foregoing, the Parties agree that SBC ILECs shall make payments for calls to ISPs to XO pursuant to Sections 4, 5, and 6 herein during the term of this Further Amendment.

3.2 The Parties continue to disagree as to where POIs should be established and under what rates, terms, and conditions XO may lease facilities from SBC ILEC to establish such POIs. By entering into this Further Amendment, neither Party waives its right to advocate its view with respect to these issues. The Parties further agree that nothing in this Further Amendment shall be construed as an admission with respect to the proper establishment of POIs and the treatment of facilities used to establish such POIs under applicable federal and state law. The Parties further agree that the establishment of POIs pursuant to the rates, terms, and conditions specified in this Further Amendment shall not be construed as agreement or acquiescence by either Party as to the proper establishment of POIs and the treatment of facilities used to establish such POIs. Notwithstanding the foregoing, the Parties agree that XO and SBC ILEC shall establish POIs pursuant to the rates, terms, and conditions called for in Section 4 herein during the term of this Further Amendment.

3.3. The Parties reserve the right to raise the appropriate treatment of Voice Over Internet Protocol ("VOIP") traffic under the Dispute Resolution provisions of the ICAs or any future interconnection agreement(s) between the Parties through December 31, 2005. The Parties further agree that this Further Amendment shall not be construed against either Party as a "meeting of the minds" that VOIP traffic is or is not local traffic subject to reciprocal compensation. By entering into the Further Amendment, both Parties reserve the right to advocate their respective positions before state or federal commissions whether in bilateral complaint dockets, arbitrations under Sec. 252 of the Act, commission established rulemaking dockets, or in any legal challenges stemming from such proceedings.

3.4 By entering into this Further Amendment, neither Party waives the right to advocate its views with respect to the use of, and compensation for, tandem switching and common transport facilities in connection with the carriage of Virtual Foreign Exchange traffic. The Parties further agree that nothing in this Further Amendment shall be construed as an admission with respect to the proper treatment of Virtual Foreign Exchange traffic. The Parties agree that the handling of Virtual Foreign Exchange traffic pursuant to the rates, terms, and conditions specified in this Further Amendment shall not be construed as agreement or acquiescence by either Party as to the proper treatment of such traffic. Notwithstanding the foregoing, the Parties agree that all compensation between the Parties for the exchange of Virtual Foreign Exchange traffic shall be governed by the rates, terms, and conditions called for in Section 5.1 herein during the term of this Further Amendment.

4.0 Network Architecture Requirements:

4.1 XO will establish a physical point of interconnection (POI) in each mandatory local calling area in which it has assigned telephone numbers (NPA/NXXs) in the Local Exchange Routing Guide (LERG). Each Party shall be financially responsible for one hundred percent (100%) of the facilities, trunks, and equipment on its side of the POI.

(a) In California and Illinois, the Parties agree that this section is satisfied if XO (at its sole option) establishes a POI either:

(i) at each access or local tandem in which tandem serving area XO has established a working telephone number local to a rate center in that tandem serving area, and each end office where XO maintains a physical collocation arrangement (but only for those trunk groups associated with that end office); or

(ii) within 15.75 miles of the Vertical and Horizontal coordinate of each rate center where XO has established a working telephone number local to that rate center.

(b) In Connecticut, Indiana, Michigan, Nevada, Ohio, and Wisconsin, the Parties agree that this section is satisfied if, XO (at its sole option), establishes a POI either:

(i) at each access or local tandem in which tandem serving area XO has established a working telephone number local to a rate center in that tandem serving area, and each end office where XO maintains a physical collocation arrangement (but only for those trunk groups associated with that end office); or

(ii) within each mandatory local calling area where XO has established a working telephone number local to a rate center in that calling area.

(c) The Parties agree that the waivers contained in Section 2.2 with respect to changes in law do not apply to state commission-required changes in the geographic scope or definition of local calling areas. Where the local calling scope has changed, either party may exercise the right to renegotiate the number and location of POIs required under this Further Amendment. This provision shall not be interpreted to affect how the Parties agree to exchange, and compensate one another for, Virtual Foreign Exchange traffic (as defined herein) pursuant to Sections 4, 5, and 6 during the term of this Further Amendment.

(d) XO may, at its sole option, establish a POI by obtaining dedicated Special Access services or facilities from SBC ILECs (without the need for XO equipment, facilities, or collocation at the SBC ILECs' offices), or services or facilities from a third party, by establishing collocation, by establishing a fiber meet, or by provisioning such services or facilities for itself.

4.2 Where XO leases facilities from SBC ILECs to establish a POI, XO shall be required to begin paying SBC ILEC for such facilities once the facilities are jointly tested and accepted at a trunk level.

4.3 XO agrees to abide by SBC ILECs' trunk engineering/administration guidelines as stated in the ICAs, including the following:

4.3.1 When interconnecting at SBC ILECs' digital End Offices, the Parties have a preference for use of B8ZS ESF two-way trunks for all traffic between their networks. Where available, such trunk equipment will be used for these Local Interconnection Trunk Groups. Where AMI trunks are used, either Party may request upgrade to B8ZS ESF when such equipment is available.

4.3.2 The Parties shall establish direct End Office primary high usage Local Interconnection trunk groups when end office traffic (actual or forecasted) requires twenty-four (24) or more trunks over three consecutive months for the exchange of IntraLATA Toll and Local traffic. These trunk groups will be two-way and will utilize Signaling System 7 ("SS7") signaling or MF protocol where required.

4.3.3 The Parties recognize that embedded one-way trunks may exist for Local/IntraLATA toll traffic via end point meet facilities. The Parties agree the existing architecture may remain in place and be augmented for growth as needed. The Parties may subsequently agree to a transition plan to migrate the embedded one-way trunks to two-way trunks via a method described in Appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. SBC ILECs agree to develop a cutover plan and project manage the cutovers with XO participation and agreement.

4.4 Subject to Section 4.6, in order to qualify for receipt of reciprocal compensation in a given tandem serving area as provided in this Further Amendment, XO will achieve and maintain a network architecture within that tandem serving area such that Direct End Office Trunking ("DEOT") does not fall below 70% for two consecutive months. Subject to Section 4.6, if XO has not established a POI required by Section 4.0, XO shall not be entitled to reciprocal compensation for calls from that local calling area.

4.5 For new interconnections, XO will achieve the DEOT criteria identified in Section 4.4 no later than six (6) months (or such other period as may be agreed to by the Parties) after the parties first exchange traffic for each new interconnection arrangement.

4.6 Under no circumstances shall XO have any liability or otherwise be penalized under this Further Amendment for non-compliance with the applicable POI and DEOT criteria specified herein during the transition period identified in Section 4.5. Furthermore, XO will have no liability and will face no penalty for non-compliance with the POI and DEOT criteria specified herein at any time thereafter if such non-compliance results from SBC ILEC's inability to provide staffing, collocation space, trunking, or facilities necessary to satisfy the transition or from SBC ILEC's failure to perform

required network administration activities (including provisioning, activation, and translations), regardless of whether SBC ILEC's inability or failure to perform is related to a Force Majeure event as that term is described in the underlying ICAs.

4.6.1 Establishing a New POI in an Existing Local Calling Area (or other applicable serving area in California, Nevada, Connecticut, and Ameritech territory) where XO provides service as of the date of execution of this Further Amendment. XO will notify SBC ILEC of XO's intention to establish a new POI in an existing local calling area (or other applicable serving area in California, Nevada, Connecticut, and Ameritech territory) no later than 90 days prior to the end of the transition period by letter to the SBC ILEC Account Manager and project manager for XO. XO and SBC ILEC will meet within 10 business days of such notice to plan the transition to any new POI. This notice and subsequent meeting are intended to give both parties adequate time to plan, issue orders, and implement the orders in the transition period under Section 4.5. Nothing in this paragraph specifically or this Further Amendment generally shall prevent XO from ordering, or excuse SBC ILECs from provisioning, trunks with respect to an existing POI for new growth or augments during the time that a new POI is being established.

4.6.2 Establishing a POI in a New Local Calling Area (or other applicable serving area in California, Nevada, Connecticut, and Ameritech territory) where XO does not provide service as of the date of execution of this Further Amendment. XO will notify its SBC ILEC Account Manager no later than 90 days prior to the LERG effective date for the new NPA-NXXs it wishes to activate. Joint planning meetings for the new POI will be held within 10 business days of SBC ILEC's receipt of such notification. The outcome of the joint planning meeting will be orders for facilities and trunks for the new POI to complete the establishment of the POI as promptly as possible, and in any event, by the LERG effective date for the new NPA-NXX. The POI must be established in the applicable Local Calling Area (or other applicable serving area in California, Nevada, Connecticut, and Ameritech territory) prior to the exchange of live traffic.

4.7 At any time as a result of either Party's own capacity management assessment, the Parties may begin the provisioning process. The intervals used for the provisioning process will be the same as those used for SBC ILECs' Switched Access service.

4.8 The movement of existing trunks to new POIs, either on a rollover basis or a disconnect and add basis, will not be counted against any limitations otherwise placed on XO's ability to order and receive trunks in any given market.

4.9 In a blocking situation, XO may escalate to its SBC ILEC Account Manager in order to request a shorter interval. The SBC ILEC Account Manager will obtain the details of the request and will work directly with the SBC ILEC LSC and network

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organizations in order to determine if XO's requested interval, or a reduced interval, can be met.

5.0 Compensable Traffic:

5.1 If XO designates different rating and routing points such that traffic that originates in one rate center terminates to a routing point designated by XO in a rate center that is not local to the calling party even though the called NXX is local to the calling party, such traffic ("Virtual Foreign Exchange" traffic) shall be rated in reference to the rate centers associated with the NXX prefixes of the calling and called parties' numbers, and treated as Local traffic for purposes of compensation.

5.2 Local, Virtual Foreign Exchange, Mandatory Local and Optional EAS traffic eligible for reciprocal compensation will be combined with traffic terminated to Internet Service Providers (ISPs) to determine the Total Compensable Local Traffic.

5.2.1 In determining the Total Compensable Local Traffic, InterLATA toll and IXC-carried intraLATA toll are excluded, and will be subject to Meet Point Billing as outlined in the interconnection agreement and applicable tariffs.

5.2.2 The rates for the termination of intraLATA toll and Originating 8YY traffic are governed by the parties' switched access tariffs

5.2.3 In determining the Total Compensable Local Traffic, SBC ILECs-transited minutes of use (MOUs) will be excluded from these calculations.

5.2.4 The rates for SBC ILECs-transited MOUs will be governed by the interconnection agreement.

5.3 Subject to applicable confidentiality guidelines, SBC ILECs and XO will cooperate to identify toll and transiting traffic; originators of such toll and transiting traffic; and information useful for settlement purposes with such toll and transit traffic originators.

5.3.1 SBC ILECs and XO agree to explore additional options for management and accounting of toll and transit traffic, including, but not limited to the exchange of additional signaling/call-related information in addition to Calling Party Number.

5.3.2 The Parties agree to explore additional options for management and accounting of the jurisdictional nature of traffic exchanged between their networks.

6.0 Rate Structure and Rate Levels:

During the period from January 1, 2005 up through and including December 31, 2005, Total Compensable Local Traffic as defined herein will be exchanged in all

states at the rate of $.0005 per minute of use. This rate shall be payable to the party on whose network the call is terminating, and shall apply symmetrically for traffic originated by one party and terminated on the other party's network.

7.0 Additional Terms and Conditions:

7.1 This Further Amendment contains provisions that have been negotiated as part of an entire Further Amendment and integrated with each other in such a manner that each provision is material to every other provision.

7.2 The Parties agree that each and every rate, term and condition of this Further Amendment is legitimately related to, and conditioned on, and in consideration for, every other rate, term and condition in the underlying ICAs or interconnection agreement. The Parties agree that they would not have agreed to this Further Amendment except for the fact that it was entered into on a 13-State basis and included the totality of rates, terms and conditions listed herein.

7.3 Except as specifically modified by this Further Amendment with respect to their mutual obligations herein and subject to Section 2.0, neither Party relinquishes, and each Party instead fully reserves, any and all legal rights that it had, has and may have to assert any position with respect to any of the matters set forth herein before any state or federal administrative, legislative, judicial or other legal body.

7.4 This Further Amendment is the joint work product of the Parties and has been negotiated by the Parties and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against either Party.

7.5 The terms contained in this Further Amendment constitute the agreement with regard to the superseding, modification, and amendment of the ICAs and incorporation into future interconnection agreement(s) through December 31, 2005, and shall be interpreted solely in accordance with their own terms.

7.6 The headings of certain sections of this Further Amendment are for convenience of reference only, and shall in no way define, modify or restrict the meaning or interpretation of the terms or provisions of this Further Amendment.

7.7 This Further Amendment may be executed in any number of counterparts, each of which shall be deemed an original; but such counterparts shall together constitute one and the same instrument.

7.8 SBC Telecommunications, Inc. hereby represents and warrants that it is authorized to act as agent for, and to bind in all respects as set forth herein, the individual SBC ILECs.

8.0 Intentionally Omitted.

XO Communications Services, Inc. on behalf of itself and any and all affiliates, subsidiaries, successors, predecessors and assigns which are, or in the case of predecessors, were, a Certified Local Exchange Carrier in California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio, or Connecticut (including, without limitation, XO Illinois, Inc., XO California, Inc., XO Texas, Inc., Allegiance Telecom of Texas, Inc., Allegiance Telecom of California, Inc.; Allegiance Telecom of Illinois, Inc., XO Long Distance Services, Inc., XO Ohio, Inc., XO Michigan, Inc., XO Missouri, Inc., Allegiance Telecom of Michigan, Inc., Allegiance Telecom of Indiana, Inc., Allegiance Telecom of Ohio, Inc., Allegiance Telecom of Oklahoma, Inc., Allegiance Telecom of Nevada, Inc., Allegiance Telecom of Wisconsin, Inc., Allegiance Telecom of Missouri and Coast to Coast Telecommunications, Inc.).

Signature: Heather B. Gold

Name: ~~Heather B. Gold~~
(Print or Type)

SVP-Government Relations
XO Communications, Inc.

Title:
(Print or Type)

Date: 3/28/05

AECN/OCN:

Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, Wisconsin Bell Inc. d/b/a SBC Wisconsin, Nevada Bell Telephone Company d/b/a SBC Nevada, Pacific Bell Telephone Company d/b/a SC California, The Southern New England Telephone Company, and Southwestern Bell Telephone , L.P. d/b/a SBC Missouri, SBC Oklahoma, SBC Texas, SBC Arkansas, and SBC Kansas by **SBC** ~~Telecommunications, LLC~~ Operations, Inc. **, its authorized agent**

Signature: M. Auinbauh

Name: **Mike Auinbauh**

AVP-Local
Interconnection Marketing

Title: ~~President - Industry Markets~~

Date: APR 18 2005

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AMENDMENT TO
INTERCONNECTION AGREEMENT
BY AND BETWEEN
SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a AT&T MISSOURI
AND
XO COMMUNICATIONS SERVICES, INC.

The Interconnection Agreement ("the Agreement") by and between Southwestern Bell Telephone, L.P.[1] d/b/a AT&T Missouri ("AT&T Missouri") and XO Communications Services, Inc.("CLEC") is hereby amended as follows:

(1) Add Appendix-Microwave, which is 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, neither Party is waiving, and each Party hereby expressly reserves, any of the 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, including, without limitation, 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 (rel. Aug. 21, 2003) 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); 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"); 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).

(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.

[1] On December 30, 2001, Southwestern Bell Telephone Company (a Missouri corporation) was merged with and into Southwestern Bell Texas, Inc. (a Texas corporation) and, pursuant to Texas law, was converted to Southwestern Bell Telephone, L.P., a Texas limited partnership. Southwestern Bell Telephone, L.P. is now doing business in Missouri as "AT&T Missouri"

IN WITNESS WHEREOF, this Amendment to the Agreement was exchanged in triplicate on this 27th day of September, 2006, by Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, signing by and through its duly authorized representative, and CLEC, signing by and through its duly authorized representative.

XO Communications Services, Inc.

By: _____

Printed: Heather B. Gold

Title: SVP External Affairs
(Print or Type)

Date: 9/25/06

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

By: _____

Printed: _____

Title: AVP- Project & Service Management ~~Executive Director-Regulatory~~

Date: 9-27-06

FACILITIES-BASED OCN # _____

ACNA _____

APPENDIX MICROWAVE

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APPENDIX MICROWAVE

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for microwave interconnection provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 AT&T Inc. (AT&T) means the holding company which directly or indirectly owns the following ILECs: 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, 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.

1.3 As used herein, AT&T MISSOURI means the applicable above listed ILECs doing business Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 The prices at which AT&T MISSOURI agrees to provide CLEC with microwave interconnection will be ICB or NSCR for Illinois, Indiana, Michigan, Ohio and/or Wisconsin, until such time as costs and permanent rates may be determined by AT&T MISSOURI.

2. DESCRIPTION

2.1 Where space permits and where practical, AT&T MISSOURI will permit the use of CLEC-provided and CLEC-owned microwave entrance facility equipment as the means by which CLEC network connects to a physical or virtual collocation arrangement provided by AT&T MISSOURI. Use of such microwave equipment is only available for the purpose of interconnection to AT&T MISSOURI's network or access to AT&T MISSOURI's Lawful unbundled network elements as may be described in CLEC's Interconnection and UNE Appendices.

3. METHOD OF PROVISIONING

3.1 Where space exists and when technically feasible, at AT&T MISSOURI's discretion, the following method for providing space for CLEC-owned and CLEC-provided microwave equipment will be made available to CLEC. AT&T MISSOURI is responsible for design and construction for any and all infrastructure inside the AT&T MISSOURI premises at the CLEC's cost. The CLEC is responsible for line-of-sight.

3.2 In addition, in each instance where microwave interconnection or access to Lawful UNEs is requested, a separate Joint Implementation Agreement (JIA) specifying requirements for each request will be developed and executed by CLEC and AT&T MISSOURI. The JIA will provide for specifics relating to, but not limited to, the responsibilities of AT&T MISSOURI and the CLEC for the specific microwave interconnection request, as well as any specific requirements needed by either Party as result of CLEC election for a certain type and/or manufacturer of microwave equipment and the method selected as discussed below.

3.3 The CLEC is responsible for acquiring the FCC license for the designated spectrum. When the CLEC-designated microwave equipment is placed in a AT&T MISSOURI-provided virtual collocation arrangement, the CLEC will provide a copy of the license to AT&T MISSOURI and AT&T MISSOURI will post the CLEC-provided copy in an appropriate location. All AT&T MISSOURI safety standards shall apply to the microwave entrance facility and associated antenna(e). Such standards will be enumerated in the JIA, above.

3.4 AT&T MISSOURI Tower/Structure

3.4.1 Where space is available and where technically feasible, AT&T MISSOURI will provide CLEC with antenna mounting space on the AT&T MISSOURI microwave tower or structure associated with the

eligible structure where the CLEC physical or virtual collocation arrangement is located. A monthly recurring charge will apply for use of this mounting space.

3.4.1.1 CLEC is responsible for all construction required for the mounting of microwave antenna(e) on the AT&T MISSOURI Tower/Structure. CLEC is responsible for the installation, maintenance, repair and removal of all CLEC-provided and CLEC-owned microwave equipment. CLEC is responsible for the removal of its equipment and returning the property to its original condition within 60 days of termination of use of the microwave entrance facility. If CLEC does not perform the removal and restoration by the end of 60 days, AT&T MISSOURI may remove the equipment and restore the property at CLEC's expense on a time and materials basis.

3.4.1.2 CLEC is responsible for securing its equipment located on the AT&T MISSOURI property. CLEC proposal and designs for such security must meet with AT&T MISSOURI's approval.

3.4.1.3 Where AT&T MISSOURI has provided CLEC a physical collocation arrangement within the eligible structure, CLEC radio equipment will be located in the CLEC dedicated physical collocation arrangement. In the case of a virtual collocation arrangement, CLEC designated radio equipment will be located in the AT&T MISSOURI equipment line-up. AT&T MISSOURI will allow virtual collocation of CLEC equipment associated with its microwave entrance facility on an ICB or NSCR basis (Ameritech States) until such time as costs and permanent rates may be determined by AT&T MISSOURI. All costs for training AT&T MISSOURI employees to install, maintain and repair the equipment will be at the CLEC's cost. AT&T MISSOURI will determine the number of employees to be trained on a premises-by-premises basis.

3.4.1.4 CLEC is responsible for obtaining all necessary Federal, State and Local permits and licenses required for the use of microwave equipment.

4. EQUIPMENT

4.1 CLEC is responsible for providing a list of all microwave equipment to be installed to AT&T MISSOURI for the initial installation with the application to use microwave as the transmission media to connect to a physical or virtual collocation arrangement. Requests for subsequent microwave equipment installation must be provided by CLEC in the identical manner as all subsequent requests for equipment to be placed in collocation arrangements.

4.2 AT&T MISSOURI is not responsible for lost equipment.

4.3 It is the CLEC's responsibility to determine line-of-sight based upon the mutually agreed location of the microwave antenna.

5. PERMITS AND LICENSES

5.1 CLEC is responsible for all necessary licenses, construction and building permits including required FCC authorizations and any zoning approvals. All permits and approvals must be provided to AT&T MISSOURI prior to the installation of any microwave equipment on the AT&T MISSOURI premises roof. If AT&T MISSOURI's assistance is required to obtain the necessary licenses and permits, AT&T MISSOURI will not unreasonably withhold such assistance and CLEC agrees to pay all AT&T MISSOURI's expenses on an ICB/NSCR as required.

6. CLEC LIABILITY

6.1 CLEC will be responsible for any and all damages resulting from any harm to, or outage occurring in, AT&T MISSOURI's or other collocator's network or premises, which is a result of the installation, operation, or maintenance of the CLEC's equipment, including any type of defect, or due to the actions or inaction, willful, or negligent, of CLEC's employees, vendors, or contractors, including but not limited to consequential,

specific, or general damages, costs of defense, including attorneys' fees, whether in-house or outside counsel, and any other costs incurred by AT&T MISSOURI as a direct or indirect result of the actions of CLEC related to this agreement.

7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

7.1 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.

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
XO COMMUNICATIONS SERVICES, INC.

The Interconnection Agreement dated August 9, 2005 by and between Southwestern Bell Telephone Company d/b/a AT&T Missouri ("AT&T")[1] and XO Communications Services, Inc. ("XO") ("Agreement") effective in the state of Missouri is hereby amended as follows:

1. Section 4.0 Effective Date and Term of Agreement of the General Terms and Conditions is amended by adding the following section:

   4.2.2 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 November 10, 2008 until November 10, 2011 (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 XO, 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 Parties acknowledge and agree that AT&T shall permit the extension of this Agreement, subject to amendment to reflect future changes of law as and when they may arise.

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, 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.

[1] On December 30, 2001, Southwestern Bell Telephone Company (a Missouri corporation) was merged with and into Southwestern Bell Texas, Inc. (a Texas corporation) and, pursuant to Texas law, was converted to Southwestern Bell Telephone, L.P., a Texas limited partnership. On June 29, 2007, Southwestern Bell Telephone, L.P., a Texas limited partnership, was merged with and into SWBT Inc., a Missouri corporation, with SWBT Inc. as the survivor entity. Simultaneous with the merger, SWBT Inc. changed its name to Southwestern Bell Telephone Company. Southwestern Bell Telephone Company is doing business in Missouri as "AT&T Missouri".

XO Communications Services, Inc.

By: _____

Name: Heather B. Gold
(Print or Type)

Title: SVP External Affairs
(Print or Type)

Date: 7/24/08

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

By: _____

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

Title: Director-Interconnection Agreements

Date: 7-24-08

Resale OCN # 2796

UNE OCN # 4774

Switch Based OCN # 4774

ACNA: TQW

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
XO COMMUNICATIONS SERVICES, INC.

The Interconnection Agreement dated August 9, 2005 by and between Southwestern Bell Telephone Company[1] d/b/a AT&T Missouri ("AT&T Missouri") and XO Communications Services, Inc. ("XO") ("Agreement") effective in the state of Missouri is hereby amended as follows:

WHEREAS, the Parties filed for arbitration under Section 251 and 252 of the Act and the Missouri Public Service Commission ("Commission") issued an Arbitration Order dated July 11, 2005 ("July 11, 2005 Arbitration Order");

WHEREAS, the Parties conformed the Agreement (including the Remand Order Embedded Base Rider) to the July 11, 2005 Arbitration Order and the Commission approved the Agreement;

WHEREAS, AT&T MISSOURI filed an action seeking declaratory and injunctive relief claiming that the July 11, 2005 Arbitration Order was, among other things, contrary to federal law;

WHEREAS, AT&T MISSOURI's request for a Preliminary Injunction in Case No. 4:05-cv-01264-CAS was granted on September 1, 2005, enjoining the July 11, 2005 Arbitration Order and related orders approving the Agreement to the extent they required AT&T MISSOURI to fill new orders for unbundled local switching or UNE-P pursuant to the Federal Telecommunications Act of 1996;

WHEREAS, the Eastern Division of the United States District Court for the Eastern District of Missouri, Case Number 4:05-CV-1264 CAS, issued its Memorandum and Order and its Declaratory Judgment and Permanent Injunction on September 14, 2006, granting in part and denying in part the relief sought by AT&T MISSOURI; and

WHEREAS, the Parties wish to amend the Agreement to reflect the district court's orders.

NOW, THEREFORE, in consideration of the foregoing, and the promises and mutual agreements set forth in the Agreement and in this Amendment, the Agreement is hereby amended:

1. Recitals. The above recitals are hereby incorporated in their entirety into this Amendment.

2. Declassified Switching and UNE-P. In accordance with the Agreement including the Remand Order Embedded Base Rider, AT&T MISSOURI has no obligation to provide CLEC with ULS, whether alone, in combination (as with "UNE-P"), or otherwise (including, without limitation, any of the items listed in Section 2.1.1 of the Embedded Base Rider). As of the Amendment Effective Date, AT&T MISSOURI may disconnect such elements at its sole discretion.

3. Section 271 Elements. AT&T MISSOURI has no obligation under this Agreement to provide CLEC with any Section 271 unbundling and/or Section 271 competitive checklist items (including, without limitation, the following Section 271 elements required to be provided pursuant to the July 11, 2005 Arbitration Order: switching, UNE-P, high capacity loops, dedicated transport, OCn and dark fiber loops, and dark fiber and feeder subloops)[2], either alone or in combination (whether new, existing, or pre-existing) ("Section 271 Elements") with any other element, service or functionality. CLEC shall be prohibited from submitting any orders for any Section 271 Elements under this Agreement. The Parties hereby acknowledge that CLEC has been enjoined from ordering any switching and UNE-

[1] On December 30, 2001, Southwestern Bell Telephone Company (a Missouri corporation) was merged with and into Southwestern Bell Texas, Inc. (a Texas corporation) and, pursuant to Texas law, was converted to Southwestern Bell Telephone, L.P., a Texas limited partnership. On June 29, 2007, Southwestern Bell Telephone, L.P., a Texas limited partnership, was merged with and into SWBT Inc., a Missouri corporation, with SWBT Inc. as the survivor entity. Simultaneous with the merger, SWBT Inc. changed its name to Southwestern Bell Telephone Company. Southwestern Bell Telephone Company is doing business in Missouri as "AT&T Missouri".

[2] The Parties disagree as to whether any or all of these elements are § 271 competitive checklist items or required to be offered under §271 of the Act.

Platform under Section 251 or 271 of the Act, and CLEC has not ordered any Section 271 switching and/or UNE-P. As of Amendment Effective Date, AT&T MISSOURI may convert, re-price, or disconnect such elements at its sole discretion.

4. Entrance Facilities.

   4.1 AT&T MISSOURI shall provide CLEC access to Entrance Facilities at TELRIC rates solely for interconnection purposes within the meaning of Section 251(c)(2) of the Act for the transmission and routing of telephone exchange service and exchange access service. Entrance Facilities are transmission facilities that connect CLEC networks with ILEC networks. CLEC is not entitled to Entrance Facilities for any other purpose, including, without limitation (i) as unbundled network elements under Section 251(c)(3) of the Act, or (ii) for backhauling (i.e., to provide a final link in the dedicated transmission path between a CLEC's customer and the CLEC's switch, or to carry traffic to and from its own end users) ("Declassified Entrance Facilities").

   4.2 CLEC shall not submit any orders for Declassified Entrance Facilities. As of the Amendment Effective Date, AT&T MISSOURI may disconnect, convert or reprice such elements at its sole discretion.

5. Pricing Schedules. The Parties agree to delete the schedule entitled "Section 271-Interim Rates Per the Missouri's PSC's July 11, 2005 Arbitration Order" in its entirety. In addition, the Parties agree to delete the "Schedule of Prices-Missouri" in its entirety and replace with the "Revised Schedule of Prices-Missouri" attached hereto and incorporated herein.

6. Nothing in this Amendment shall affect the general application and effectiveness of the Agreement's "change of law," "intervening law", "successor rates" and/or any similarly purposed provisions. The rights and obligations set forth in this Amendment 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.

7. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

8. The Parties agree that this Amendment will act to supersede, amend and modify the applicable provisions contained in the Agreement. To the extent there are any inconsistencies between the provisions of this Amendment and the Agreement, the provisions in this Amendment shall govern.

9. 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.

10. In entering into this Amendment, both Parties acknowledge and agree that they will comply with the terms in the Agreement to reflect future changes of law as and when they may arise.

11. 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.

XO Communications Services, Inc.

By: _____

Name: Heather B. Gold
(Print or Type)

Title: SVP-External Affairs
(Print or Type)

Date: 7/7/08

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

By: _____

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

Title: Director-Contract Management

Date: 7-10-08

FACILITIES-BASED OCN # 4774

UNE OCN # 4774

RESALE OCN # 2796

ACNA TQW

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Network Interface Device				
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32	NRBND
	Unbundled Loops				
1	2W Analog Zone 1	$ 12.71	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 2	$ 18.64	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 3	$ 19.74	$ 19.55	$ 8.32	U21
1A	2W Analog Zone 4	$ 16.41	$ 19.55	$ 8.32	U21
1	Conditioning for dB Loss	$ 6.63	$ 17.54	$ 8.58	UL2
1A	4W Analog Zone 1	$ 17.81	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 2	$ 31.82	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 3	$ 55.04	$ 21.58	$ 8.32	U4H
1A	4W Analog Zone 4	$ 27.07	$ 21.58	$ 8.32	U4H
1	2W Digital Zone 1	$ 25.79	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 2	$ 37.89	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 3	$ 52.60	$ 43.33	$ 22.67	U2Q
1A	2W Digital Zone 4	$ 37.30	$ 43.33	$ 22.67	U2Q
1A	DS1 Loop Zone 1	$ 91.06	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 2	$ 95.45	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 3	$ 97.10	$ 102.47	$ 40.46	U4D1X
1A	DS1 Loop Zone 4	$ 91.25	$ 102.47	$ 40.46	U4D1X
	DS3 Loop Zone 1	$ 819.86	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 2	$ 1,122.13	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 3	$ 1,176.81	$ 845.75	$ 375.03	U4D3X
	DS3 Loop Zone 4	$ 1,127.98	$ 845.75	$ 375.03	U4D3X
	xDSL Capable Loops				
	2 Wire xDSL Loop Zone 1	$ 12.71	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 2	$ 18.64	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 3	$ 19.74	$ 19.55	$ 8.32	
	2 Wire xDSL Loop Zone 4	$ 16.41	$ 19.55	$ 8.32	
	4 Wire xDSL Loop Zone 1	$ 17.81	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 2	$ 31.82	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 3	$ 55.04	$ 21.58	$ 8.32	
	4 Wire xDSL Loop Zone 4	$ 27.07	$ 21.58	$ 8.32	
	IDSL Capable Loops				
	IDSL Loop Zone 1 (Rural)	$ 25.79	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 2 (Suburban)	$ 37.89	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 3 (Urban)	$ 52.60	$ 43.33	$ 22.67	UY5FX
	IDSL Loop Zone 4 (Urban SpringField)	$ 37.30	$ 43.33	$ 22.67	UY5FX

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Loop Qualification Process				
	Loop Qualification Process - Mechanized	N/A	$ -	N/A	NR98U
	Loop Qualification Process - Manual	N/A	$ 84.15	N/A	NRBXU
	xDSL Conditioning Options				
	xDSL standard conditioining Charge applied per each xDSL Loop activation.	None	$ 8.41	N/A	NHCLO
	Removal of All Bridged Tap (RABT) - MMP				
	Remove of aAll Bridged Tap xDSL Loop 12Kft. To 17.5Kft.	$ 876.63	None	None	NRMRP
	Remove Non-Excessive Bridged Tap xDSL Loops 0Kft. To 17.5Kft.	$ 338.64	None	None	NRMRJ
	Remove All Bridged Tap xDSL Loop > 17.5Kft. - per element	$ 338.64	None	None	NRMRM
	Remove Non-Excessive Bridged Tap xDSL Loop > 17.5Kft. - per element	$ 338.64	None	None	NRMRS
	xDSL Cross Connects				
	xDSL 2 Wire Shielded Loop to Collocation	$ 0.80	$ 19.96	$ 12.69	UXRRX
	2-Wire DSL Non-Shielded Cross Connect to Collocation - no test	$ 0.31	$ 19.96	$ 12.69	UCX92
	4-Wire DSL Non-Shielded Cross Connect to Collocation - no test	$ 0.63	$ 25.38	$ 17.73	UCX94
	2-Wire Digital Non-Shielded Cross Connect to Collocation - no test	$ 0.31	$ 19.96	$ 12.69	
	LST				
	LST performed on CODSLAM Loop	None	$ 234.50	None	URCLD
	LST performed on Sub Loop	None	$ 227.49	None	URCLB
	CROSS CONNECTS				
1	Analog Loop to Collo 4W w/o testing	$ 0.63	$ 25.38	$ 17.73	UCXD4
1	Digital Loop to Collo 2W	$ 1.89	$ 26.87	$ 22.08	(UCXC2) under development
1	DS1Loop to Collo 4W	$ 9.00	$ 45.03	$ 34.16	UDLY4
7	Loop to Multiplexer - 4-Wire Install	$ 14.51	$ 88.76	$ 70.59	
7	Loop to Multiplexer - 4-Wire Disconnect		$ 14.10	$ 11.60	
1B	DS3 Loop Crossconnect - Install	$ 30.08	$ 54.98	$ 42.09	
	SubLoop Distribution				
1	2W Analog Zone 1	$ 6.69	$ 85.08	$ 35.46	
1	2W Analog Zone 2	$ 10.68	$ 85.08	$ 35.46	
1	2W Analog Zone 3	$ 12.92	$ 85.08	$ 35.46	
1	2W Analog Zone 4	$ 22.78	$ 85.08	$ 35.46	
1	2W Digital Zone 1	$ 9.63	$ 86.76	$ 38.57	
1	2W Digital Zone 2	$ 13.63	$ 86.76	$ 38.57	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
1	2W Digital Zone 3	$ 15.86	$ 86.76	$ 38.57	
1	2W Digital Zone 4	$ 25.70	$ 86.76	$ 38.57	
1	4W Digital Zone 1	$ 4.68	$ 131.83	$ 52.08	
1	4W Digital Zone 2	$ 6.23	$ 131.83	$ 52.08	
1	4W Digital Zone 3	$ 10.05	$ 131.83	$ 52.08	
1	4W Digital Zone 4	$ 22.41	$ 131.83	$ 52.08	
	Routine Network Modifications	None	ICB	N/A	
	RESALE - Customized Routing				
3	Customized Routing Per Originating Query	$ 0.00			
3	CLEC order for Customized Routing per switch	None	$ 6.53	None	
	Centrex				
3	Translations per Centrex Customer - 5ESS	None	$ 284.33	None	
3	Translations per Centrex Customer - DMS100	None	$ 105.09	None	
	POTS				
3	POTS Translations per 5ESS office	None	$ 43.27	None	
3	POTS Translations per DMS100 office	None	$ 70.46	None	
	NONRECURRING COST - DISCONNECT				
3	CLEC order for Customized Routing per switch	None	$ 6.53	None	
	Centrex				
3	Translations per Centrex Customer - 5ESS	None	$ 154.53	None	
3	Translations per Centrex Customer - DMS100	None	$ 105.09	None	
	POTS				
3	POTS Translations per 5ESS office	None	$ 43.27	None	
3	POTS Translations per DMS100 office	None	$ 70.46	None	
	Service Order Charges - Unbundled Elements				
	Manual Service Order Type Charges - Unbundled Elements				
2	New Simple	None	$ 12.56	None	NRBUQ
2	New Complex	None	$ 74.90	None	NRBUR
2	Change Simple	None	$ 4.91	None	NRBUO
2	Change Complex	None	$ 74.90	None	NRBUP
2	Record Simple	None	$ 6.28	None	NRBUU
2	Record Complex	None	$ 6.28	None	NRBUV
2	Disconnect Simple	None	$ 5.32	None	NRBUW
2	Disconnect Complex	None	$ 27.29	None	NRBUX
2	Suspend Simple	None	$ 2.52	None	NRBJZ
2	Suspend Complex	None	$ 2.52	None	NRBJ7
2	Restore Simple	None	$ 2.52	None	NRBJ9

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
2	Restore Complex	None	$ 2.52	None	NRBJ8
2	Expedited Simple	None	$ 12.60	None	NRMV1
2	Expedited Complex	None	$ 12.60	None	NRMV2
2	Due Date Change Simple	None	$ 4.20	None	NRMV3
2	Due Date Change Complex	None	$ 4.20	None	NRMV4
2	Cancellation Simple	None	$ 4.20	None	NRMV3
2	Cancellation Complex	None	$ 4.20	None	NRMV4
4	PIC Change Charge		$ 5.83	$ 1.52	NRBL9
	Electronic - UNE Service Order Type Charges				
7	Electronic - UNE Service Order	None	$ 2.92	None	NR9W2
7	Suspend Simple	None	$ 0.12	None	NRBJ5
7	Suspend Complex	None	$ 0.12	None	
7	Restore Simple	None	$ 0.12	None	NRBJ6
7	Restore Complex	None	$ 0.12	None	
7	Expedited Simple	None	$ 6.43	None	NRMV7
7	Expedited Complex	None	$ 6.43	None	NRMVX
7	Due Date Change Simple	None	$ 2.14	None	NRMV8
7	Due Date Change Complex	None	$ 2.14	None	NRMVZ
7	Cancellation Simple	None	$ 2.14	None	NRMV8
7	Cancellation Complex	None	$ 2.14	None	NRMVZ
	Dedicated Transport - Interoffice Transport				
1A	DS1 Transport I/O First mile - zone 1	$ 46.85	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 2	$ 70.87	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 3	$ 71.61	$ 174.43	$ 118.14	
1A	DS1 Transport I/O First mile - zone 4	$ 42.78	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 1	$ 0.51	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 2	$ 1.36	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 3	$ 1.60	$ 174.43	$ 118.14	
1A	DS1 Transport I/O Additional mile - zone 4	$ 0.19	$ 174.43	$ 118.14	
1A	DS1 Interzone First mile	$ 81.61	$ 174.43	$ 118.14	
1A	DS1 Interzone - Additional mile	$ 0.97	$ 174.43	$ 118.14	
1A	DS 3 Transport I/O First mile - zone 1	$ 754.05	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 2	$ 1,486.67	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 3	$ 1,670.39	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O First mile - zone 4	$ 643.14	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 1	$ 12.75	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 2	$ 46.01	$ 170.28	$ 130.07	
1A	DS 3 Transport I/O Additional mile - zone 3	$ 79.54	$ 170.28	$ 130.07	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
1A	DS 3 Transport I/O Additional mile - zone 4	$ 16.16	$ 170.28	$ 130.07	
1A	DS 3 Interzone - First mile	$ 1,924.75	$ 170.28	$ 130.07	
1A	DS 3 Interzone - Additional mile	$ 21.08	$ 170.28	$ 130.07	
	Dark Fiber - Interoffice				
1	Zone 1 per fiber per foot per month	$ 0.00	None	None	
1	Zone 2 per fiber per foot per month	$ 0.00	None	None	
1	Zone 3 per fiber per foot per month	$ 0.00	None	None	
1	Zone 4 per fiber per foot per month	$ 0.00	None	None	
1	Dark Fiber Interoffice per Strand	$ 53.80	$ 1,653.68	$ 1,653.68	
	Dark Fiber Cross Connect - Interoffice	$ 6.87	$ 81.04	$ 81.04	
	Dark Fiber InterOffice Inquiry	None	$ 580.11	$ 580.11	
	Multiplexing - All Zones				
	DS1 to Voice Grade - Install	$ 177.78	$ 86.04	$ 68.43	
	DS1 to Voice Grade - Disconnect		$ 13.51	$ 11.65	
	DS3 to DS1 - Install	$ 437.11	$ 201.77	$ 156.50	
	DS3 to DS1 - Disconnect		$ 44.51	$ 32.12	
	Dedicated Transport Cross Connect				
2	DS1 with test equipment - Install	$ 14.51	$ 96.26	$ 64.42	
7	DS1 with test equipment - Disconnect		$ 22.84	$ 19.11	
1	DS3	$ 30.08	$ 54.98	$ 42.90	
1	**Mechanized UNE Service Order Charge**	None	$ 5.00	None	
	Maintenance of Service Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	MVV
4	Overtime - per half hour	None	$ 36.35	$ 26.73	MVV
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	MVV
	Time and Materials Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	ALK, ALT,ALH
4	Overtime - per half hour	None	$ 36.35	$ 26.73	ALK, ALT,ALH
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	ALK, ALT,ALH
	Nonproductive Dispatch Charges				
4	Basic Time - per half hour	None	$ 30.93	$ 21.32	
4	Overtime - per half hour	None	$ 36.35	$ 26.73	
4	Premium Time - per half hour	None	$ 41.77	$ 32.15	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Interconnection Facility (CLEC to AT&T Missouri)				NIM 1
	DS1 Interconnection Facilities				
	Zone 1 - Install	$ 78.39	$ 261.35	$ 127.19	
	Zone 1 - Disconnect		$ 118.42	$ 17.34	
	Zone 2 - Install	$ 80.10	$ 261.35	$ 127.19	
	Zone 2 - Disconnect		$ 118.42	$ 17.34	
	Zone 3 - Install	$ 83.80	$ 261.35	$ 127.19	
	Zone 3 - Disconnect		$ 118.42	$ 17.34	
	Zone 4 - Install	$ 78.70	$ 261.35	$ 127.19	
	Zone 4 - Disconnect		$ 118.42	$ 17.34	
	DS3 Interconnection Facilities				
	Zone 1 - Install	$ 180.48	$ 256.36	$ 92.36	
	Zone 1 - Disconnect		$ 141.40	$ 35.07	
	Zone 2 - Install	$ 198.10	$ 256.36	$ 92.36	
	Zone 2 - Disconnect		$ 141.40	$ 35.07	
	Zone 3 - Install	$ 287.97	$ 256.36	$ 92.36	
	Zone 3 - Disconnect		$ 141.40	$ 35.07	
	Zone 4 - Install	$ 181.54	$ 256.36	$ 92.36	
	Zone 4 - Disconnect		$ 141.40	$ 35.07	
	Miscellaneous				
2	Performance Data	ICB	ICB	ICB	
2	Special Request Processing	ICB	ICB	ICB	
	BCR				
4	Per local message	$ 0.08	None	None	Not Applicable
4	Per interstate local message	$ 0.050	None	None	Not Applicable
	Clearinghouse				
4	Per originating message	$ 0.02	None	None	Not Applicable
4	Per end user message billed	$ 0.05	None	None	Not Applicable
	Recording				
4	Recording/Access Usage Record	$ 0.00	None	None	
4	Assembly and Editing per Message	$ 0.00	None	None	
4	Rating per Message	$ 0.00	None	None	
4	Message Processing per Message	$ 0.00	None	None	
4	Provision of Message Detail per record	$ 0.00	None	None	
4	Source Info Provided per record furnished - meet point billing applicable	$ 0.00	None	None	
4	Source Info Provided per record furnished - meet point billing not applicable	$ 0.00	None	None	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Hosting				
4	Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0020	None	None	Not Applicable
4	Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0050	None	None	Not Applicable
4	Non-Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0100	None	None	Not Applicable
4	Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0070	None	None	Not Applicable
4	Non-Full Status RAO Company - Delivery per record charge per billable mssg.	$ 0.0030	None	None	Not Applicable
	E911				
4	Feature per 1000 lines - ANI to SWBT PSAP	$ 10.00	$ 80.00	None	
4	Feature per 1000 lines - ANI to Non-SWBT PSAP	$ 10.00	$ 80.00	None	
4	Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	$ 51.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	$ 51.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and ALI to SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	$ 83.60	$ 85.00	None	
4	Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None	
4	Trunk Charge per channel	$ 58.00	$ 170.00	None	
	INTERCARRIER COMPENSATION				
	The following rates are applicable for Section 251(b)(5) Traffic if **Option 1** is elected:				
	End Office Switching				
1A	Zone 1 Urban (STL, KS)	$ 0.001620	None	None	
1A	Zone 2 Suburban	$ 0.001949	None	None	
1A	Zone 3 Rural	$ 0.002807	None	None	
1A	Zone 4 Urban Springfield	$ 0.002391	None	None	
	Tandem Switching				
1A	Duration charge, per MOU	$ 0.001231	None	None	
	Tandem Transport Termination				
1A	Termination MOU Zone 1	$ 0.000155	None	None	
1A	Termination MOU Zone 2	$ 0.000232	None	None	
1A	Termination MOU Zone 3	$ 0.000246	None	None	
1A	Termination MOU Zone 4	$ 0.000132	None	None	
1A	Termination MOU Interzone	$ 0.000271	None	None	
	Tandem Transport Facility Mileage				
1A	Facility per Mile, per MOU Zone 1	$ 0.0000016	None	None	
1A	Facility per Mile, per MOU Zone 2	$ 0.0000057	None	None	
1A	Facility per Mile, per MOU Zone 3	$ 0.0000117	None	None	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
1A	Facility per Mile, per MOU Zone 4	$ 0.0000008	None	None	
1A	Facility per Mile, per MOU Interzone	$ 0.0000030	None	None	
	Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$ 0.0007	None	None	
	The following rates are applicable for Section 251(b)(5) Traffic and ISP-Bound Traffic i**Option 2** is elected:				
1A	**Rate for All ISP-Bound and Section 251(b)(5) Traffic as per FCC 01-131, per MOU**	$ 0.0007	None	None	
	The following rates are applicable for In-Balance Section 251(b)(5) Traffic and ISP-Bound Traffic **Option 3** (Long Term Bill and Keep) is elected:				
	End Office Switching				
1A	Zone 1 Urban (STL, KS)	$0.00	none	none	
1A	Zone 2 Suburban	$0.00	none	none	
1A	Zone 3 Rural	$0.00	none	none	
1A	Zone 4 Urban Springfield	$0.00	none	none	
	Tandem Switching				
1A	Duration charge, per MOU	$0.00	None	None	
	Tandem Transport Termination				
1A	Termination MOU Zone 1	$0.00	None	None	
1A	Termination MOU Zone 2	$0.00	None	None	
1A	Termination MOU Zone 3	$0.00	None	None	
1A	Termination MOU Zone 4	$0.00	None	None	
1A	Termination MOU Interzone	$0.00	None	None	
	Tandem Transport Facility Mileage				
1A	Facility per Mile, per MOU Zone 1	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 2	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 3	$0.00	None	None	
1A	Facility per Mile, per MOU Zone 4	$0.00	None	None	
1A	Facility per Mile, per MOU Interzone	$0.00	None	None	
	Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$0.00	None	None	
	Transit Traffic Compensatsion				
	Transit Rate per MOU	$ 0.000960	None	None	

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
	Poles, Ducts, and Conduit				
1	Pole Attachment per pole per year	$ 2.35	None	None	
1	Conduit Space, per duct foot per year	$ 0.40	None	None	
1	Inner Duct, per duct foot per year	$ 0.205	None	None	
	Conversion Order Charges for Resold Services				
1	Mechanized Simple	None	$ 5.00	None	
1	Mechanized Complex	None	$ 5.00	None	
1	Simple Manual	None	$ 5.00	None	
1	Complex Manual	None	$ 5.00	None	
2	**NXX Migration per NXX**	None	$ 10,934.02	None	

* Includes NRC for STP port termination, signaling point code and global title translation

1. Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40

1A. Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40, Less Voluntary reductions

1B. Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40 as ordered by the Missouri Commission in TO-2001-438

2. Established by the Missouri Commission in TO-2001-438 to replace interim rates from TO-98-115

3. Established by the Missouri Commission in TO-2001-438 to replace interim rates from Texas

3A. Rate from Texas

4. Missouri Commission adopted rate in TO-99-227 based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements filed with and approved by the Missouri Commission

5. Missouri Commission adopted rate in TO-99-227 (Texas tariff based rate)

6. Rates are zero until October 7th, 2002

7. New rate as ordered in TO-2001-438

The Parties acknowledge and agree that, subject to the terms and conditions stated herein, ATT Missouri will provide certain arbitrated rates, terms and conditions set forth in the Appendix Pricing UNE, Schedule of Prices, of this agreement based upon statutes, orders, rules and/or regulations issued by federal and state legislatures, courts, and/or regulatory agencies, specifically including, but not limited to, the Missouri Public Service Commission's Order in the Consolidated Arbitration, Docket Nos. TO-97-40/TO-97-67, TO-98-115.

These statutes, orders, rules and regulations are the subject of various current appeals, and subsequent appeals may also be taken from those statutes, orders, rules and regulations. The Parties recognize and agree that, in the event of any amendment of the Telecommunications Act of 1996, or any administrative, regulatory, legislative or judicial order, rule, opinion or other legal action, (collectively, "legal actions") which revises or modifies the Parties' rights and/or obligations pertaining to any matters contained in this Interconnection Agreement ("a subsequent development"), including any action invalidating or modifying the Interconnection Agreement approved in Docket TO-97-67 and TO-98-115, the relevant provisions of this Agreement cited above shall be deemed to be automatically modified, amended or conformed to be consistent with such subsequent development.

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC

By executing this document, neither Party is waiving its rights to contest the validity of any law, rule, court or regulatory decision or order or other requirement that specific provisions be contained in this contract, nor is any Party waiving its right to argue in the future that any law, rule, court, or regulatory decision or other requirement should be revised, eliminated or modified. In no event shall ATT Missouri be obligated to provide such rates, terms and conditions beyond the period of time ATT Missouri is obligated to provide such rates, terms and conditions to the Party who originally arbitrated such provisions.

			RESALE DISCOUNTS		
	BUSINESS		RECURRING	NON-RECURRING	
	LOCAL EXCHANGE SERVICE				
1	Business 1 Party		19.20%	19.20%	N/A
2	Business - Multi-Line Hunting		19.20%	19.20%	N/A
3	Business Measured		19.20%	19.20%	N/A
4	Business Measured (HTG Class of Service)		19.20%	19.20%	N/A
5					
6	**EXPANDED LOCAL CALLING**				
7	Mandatory EAS		19.20%	19.20%	N/A
8	Optional Metropolitan Calling Area		19.20%	19.20%	N/A
9					
10	**VERTICAL SERVICES**				
11	Auto Redial		19.20%	19.20%	N/A
12	Call Blocker		19.20%	19.20%	N/A
13	Call Forwarding		19.20%	19.20%	N/A
14	Call Forwarding - Busy Line		19.20%	19.20%	N/A
15	Call Forwarding - Busy Line/Don't Answer		19.20%	19.20%	N/A
16	Call Forwarding - Don't Answer		19.20%	19.20%	N/A
17	Call Return		19.20%	19.20%	N/A
18	Call Trace		19.20%	19.20%	N/A
19	Call Waiting		19.20%	19.20%	N/A
20	Calling Name		19.20%	19.20%	N/A
21	Calling Number		19.20%	19.20%	N/A
22	ComCall®		19.20%	19.20%	N/A
23	Personalized Ring (1 dependent number)		19.20%	19.20%	N/A
24	Personalized Ring (2 dependent numbers - 1st number)		19.20%	19.20%	N/A
25	Personalized Ring (2 dependent numbers - 2nd number)		19.20%	19.20%	N/A
26	Priority Call		19.20%	19.20%	N/A
27	Remote Access to Call Forwarding		19.20%	19.20%	N/A
28	Selective Call Forwarding		19.20%	19.20%	N/A
29	Simultaneous Call Forwarding		19.20%	19.20%	N/A
30	Speed Calling 8		19.20%	19.20%	N/A

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
31	Speed Calling 30		19.20%	19.20%	N/A
32	Three Way Calling		19.20%	19.20%	N/A
33					
34	**DID**				
35	DID (First Block of 100 - Category 1)		19.20%	19.20%	N/A
36	DID (First Block of 10 - Category 1)		19.20%	19.20%	N/A
37	DID (Ea. adl. block of 10 after first 10 - Category 1)		19.20%	19.20%	N/A
38	DID (Ea. adl. block of 100 after first 100 - Category 2)		19.20%	19.20%	N/A
39	DID (Ea. adl. block of 10 assigned over 1st 100 - Category 2)		19.20%	19.20%	N/A
40	DID (with Multifrequency)		19.20%	19.20%	N/A
41	DID (with Dual-Tone Multifrequency)		19.20%	19.20%	N/A
42	DID (1st 10 Trunks or access lines)		19.20%	19.20%	N/A
43	DID (11th thru 50th trunk or network access line)		19.20%	19.20%	N/A
44	DID (51st trunk or network access line)		19.20%	19.20%	N/A
45					
46	**TRUNKS**				
47	Analog Trunks		19.20%	19.20%	N/A
48	Digital Trunks		19.20%	19.20%	N/A
49					
50	**AIN**				
51	Area Wide Networking		19.20%	19.20%	N/A
52	Disaster Routing Service		19.20%	19.20%	N/A
53	Intelligent Redirectsm		19.20%	19.20%	N/A
54	Intellinumber		19.20%	19.20%	N/A
55	Positive ID		19.20%	19.20%	N/A
56					
57	**OTHER**				
58	Bundled Telecommunications Services (e.g., the Works)		19.20%	19.20%	N/A
59	Customer Alerting Enablement		19.20%	19.20%	N/A
60	Grandfathered Services		19.20%	19.20%	N/A
61	Hot Line		19.20%	19.20%	N/A
62	Hunting		19.20%	19.20%	N/A
63	Local Operator Assistance Service		13.91%	13.91%	N/A
64	Night Number associated with Telephone Number		19.20%	19.20%	N/A
65	Night Number associated with a Terminal		19.20%	19.20%	N/A
66	Promotions (Greater than 90 days)		19.20%	19.20%	N/A
67	Preferred Number Service		19.20%	19.20%	N/A
68	Telebranch®		19.20%	19.20%	N/A
69	TouchTone		19.20%	19.20%	N/A

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
70	Voice Dial		19.20%	19.20%	N/A
71	Warm Line		19.20%	19.20%	N/A
72					
73	**Data Services**				
74	Gigabit Ethernet Metropolitan Area Network (GigaMAN)		19.20%	19.20%	N/A
75	PBX Trunks		19.20%	19.20%	N/A
76	Mulit-Service Optical Network (MON)		19.20%	19.20%	N/A
77	OCn-PTP		19.20%	19.20%	N/A
78	DS3		19.20%	19.20%	N/A
79					
80	**ISDN**				
81	Digilinesm (ISDN BRI)		19.20%	19.20%	N/A
82	Select Video Plus®		19.20%	19.20%	N/A
83	Smart Trunksm (ISDN PRI)		19.20%	19.20%	N/A
84	SuperTrunk		19.20%	19.20%	N/A
85					
86	**TOLL**				
87	IntraLATA MTS		19.20%	19.20%	N/A
88	MaxiMizer 800®		19.20%	19.20%	N/A
89	OutWATS		19.20%	19.20%	N/A
90	800 Service		19.20%	19.20%	N/A
91					
92	**OPTIONAL TOLL CALLING PLANS**				
93	1+ SAVERsm		19.20%	19.20%	N/A
94	1+SAVER Direct		19.20%	19.20%	N/A
95	Community Optional Saver		19.20%	19.20%	N/A
96	Outstate Calling Area Service		19.20%	19.20%	N/A
97					
98	**PLEXAR®**				
99	Plexar I®		19.20%	19.20%	N/A
100	Plexar II®		19.20%	19.20%	N/A
101	Plexar Custom®		19.20%	19.20%	N/A
102					
103	**PRIVATE LINE**				
104	Analog Private Lines		19.20%	19.20%	N/A
105	Business Video Service		19.20%	19.20%	N/A
106	Digital Loop Service		19.20%	19.20%	N/A
107	DOVLink		19.20%	19.20%	N/A
108	Foreign Exchange Service		19.20%	19.20%	N/A
109	Foreign Serving Office		19.20%	19.20%	N/A
110	Frame Relay		19.20%	19.20%	N/A

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
111	Group Alerting Services		19.20%	19.20%	N/A
112	MegaLink II®		19.20%	19.20%	N/A
113	MegaLink III®		19.20%	19.20%	N/A
114	MicroLink I®		19.20%	19.20%	N/A
115	MicroLink II®		19.20%	19.20%	N/A
116	MultiPoint Video		19.20%	19.20%	N/A
117	Service Loop Facility Modification Service		19.20%	19.20%	N/A
118					
119			***RESALE DISCOUNTS***		
120	**RESIDENCE**		RECURRING	NON-RECURRING	
121	**LOCAL EXCHANGE SERVICE**				
122	Life Line and Link Up America Services		19.20%	19.20%	N/A
123	Residence 1 Party		19.20%	19.20%	N/A
124	Residence Measured		19.20%	19.20%	N/A
125					
126	**EXPANDED LOCAL CALLING**				
127	Mandatory EAS		19.20%	19.20%	N/A
128	Optional Metropolitan Calling Area		19.20%	19.20%	N/A
129					
130	**VERTICAL SERVICES**				
131	Auto Redial		19.20%	19.20%	N/A
132	Call Blocker		19.20%	19.20%	N/A
133	Call Forwarding		19.20%	19.20%	N/A
134	Call Forwarding - Busy Line		19.20%	19.20%	N/A
135	Call Forwarding - Busy Line/Don't Answer		19.20%	19.20%	N/A
136	Call Forwarding - Don't Answer		19.20%	19.20%	N/A
137	Call Return		19.20%	19.20%	N/A
138	Call Trace		19.20%	19.20%	N/A
139	Call Waiting		19.20%	19.20%	N/A
140	Calling Name		19.20%	19.20%	N/A
141	Calling Number		19.20%	19.20%	N/A
142	ComCall®		19.20%	19.20%	N/A
143	Personalized Ring (1 dependent number)		19.20%	19.20%	N/A
144	Personalized Ring (2 dependent numbers - 1st number)		19.20%	19.20%	N/A
145	Personalized Ring (2 dependent numbers - 2nd number)		19.20%	19.20%	N/A
146	Priority Call		19.20%	19.20%	N/A
147	Remote Access to Call Forwarding		19.20%	19.20%	N/A
148	Selective Call Forwarding		19.20%	19.20%	N/A
149	Simultaneous Call Forwarding		19.20%	19.20%	N/A
150	Speed Calling 8		19.20%	19.20%	N/A
151	Three Way Calling		19.20%	19.20%	N/A

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
152					
153	**ISDN**				
154	Digiline		19.20%	19.20%	N/A
155					
156	**OTHER**				
157	Bundled Telecommunications Services (e.g., the works		19.20%	19.20%	N/A
158	Customer Alerting Enablement		19.20%	19.20%	N/A
159	Grandfathered Services		19.20%	19.20%	N/A
160	Hot Line		19.20%	19.20%	N/A
161	Promotions (Greater than 90 days)		19.20%	19.20%	N/A
162	Preferred Number Service		19.20%	19.20%	N/A
163	TouchTone		19.20%	19.20%	N/A
164	Voice Dial		19.20%	19.20%	N/A
165	Warm Line		19.20%	19.20%	N/A
166					
167			***RESALE DISCOUNTS***		
168	***OTHER (Resale)***		RECURRING	NON-RECURRING	
169					N/A
170	**DIRECTORY ASSISTANCE SERVICES**		13.91%	13.91%	N/A
171	Nationwide Listing Services (NLS)		13.91%	13.91%	N/A
172					N/A
173	**TOLL**				N/A
174	Home 800sm		19.20%	19.20%	N/A
175	IntraLATA MTS		19.20%	19.20%	N/A
176					N/A
177	**OPTIONAL TOLL CALLING PLANS**				N/A
178	1+ SAVERsm		19.20%	19.20%	N/A
179	1+SAVER Direct		19.20%	19.20%	N/A
180	Community Optional Saver		19.20%	19.20%	N/A
181	Outstate Calling Area Service		19.20%	19.20%	N/A
182	900 Call Restriction		19.20%	19.20%	N/A
183	Access Services		0%	0%	N/A
184	Additional Directory Listings		19.20%	19.20%	N/A
185	Bill Plus		5%	5%	N/A
186	Company Initiated Suspension Service		0%	0%	N/A
187	Directory Assistance Services		13.91%	13.91%	N/A
188	Connections with Terminal Equipment and Communications Equipment		0%	0%	N/A
189	Consolidated Billing		5%	5%	N/A
190	Construction Charges		0%	0%	N/A
191	Customer Initiated Suspension Service		0%	0%	N/A

Schedule of Prices

NOTE	Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional	USOC
192	Exchange Interconnection Service		0%	0%	N/A
193	Operator Services		13.91%	13.91%	N/A
194	Local Operator Assistance Service		13.91%	13.91%	N/A
195	Maintenance of Service Charges		0%	0%	N/A
196	Prepaid Calling Cards		19.20%	19.20%	N/A
197	Telecommunications Service Priority Systems		0%	0%	N/A
198	Toll Billing Exception (Billed Number Screen)		19.20%	19.20%	N/A
199	Toll Restriction		19.20%	19.20%	N/A
200	Wireless Carrier Interconnection Services		0%	0%	N/A
201					
202	Electronic Billing Information Data (daily usage) per message		$ 0.003	N/A	N/A
203					
204	Simple conversion charge per billable number		N/A	$ 25.00	N/A
205	Electronic conversion orders per billable number		N/A	$ 5.00	N/A
206	Complex conversion orders per billable number		N/A	$ 125.00	N/A
207					
208	ATT Missouri transmittal of CLEC end-user listing to 3rd		N/A	$ 100.00	N/A
209	party pub, per occurrence, per dir publisher				
210					
211	**OS/DA**				
212	Branding - Resellers				
213	- Initial Load	NRBDG	N/A	$ 1,800.00	N/A
214	- Subsequent Load	NRBDG	N/A	$ 1,800.00	N/A
215	- Per Call	ZZUCB	$ 0.025	N/A	N/A
216	External Rater - Resellers				
217	- Initial Load	NRBDL	N/A	$ 2,200.00	N/A
218	- Subsequent Load	NRBDM	N/A	$ 1,000.00	N/A

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

BELLSOUTH TELECOMMUNICATIONS, LLC 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, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

XO COMMUNICATIONS SERVICES, INC., XO COMMUNICATIONS SERVICES, LLC



Signature: eSigned - Dan Higgins

Name: eSigned - Dan Higgins
(Print or Type)

Title: AVP - Carrier Management
(Print or Type)

Date: 04 Jun 2018

XO Communications Services, Inc., XO Communications Services, LLC

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman
(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)

Date: 04 Jun 2018

BellSouth Telecommunications, LLC 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, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA and AT&T TEXAS, Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ALABAMA	418B	539B	- - -
ARKANSAS	2796	- - -	- - -
CALIFORNIA	2796	7262	7262
FLORIDA	6100	423B,6100	6100
GEORGIA	8758	424B,8758	8758
ILLINOIS	2796	- - -	- - -
INDIANA	2796	4359	4359
KANSAS	2796	463B	463B
KENTUCKY	418B	622B	623B
LOUISIANA	418B	691B	- - -
MICHIGAN	2796	4125	4125
MISSISSIPPI	457B	428B	- - -
MISSOURI	2796	4774	4774
NORTH CAROLINA	456B	432B	4792
OHIO	2796	7520	7520
OKLAHOMA	2796	- - -	- - -

SOUTH CAROLINA	418B	747B	- - -
TENNESSEE	7344	436B	7344
TEXAS	4815	8958	8958
WISCONSIN	2796	4126	4126

Description	ACNA Code(s)
ACNA(s)	TQW

AMENDMENT TO THE AGREEMENT BETWEEN XO COMMUNICATIONS SERVICES, INC. OR XO COMMUNICATIONS SERVICES, LLC AND BELLSOUTH TELECOMMUNICATIONS, LLC 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, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS AND WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

This Amendment (the "Amendment") amends the Agreements by and between AT&T and XO Communications Services, Inc. or XO Communications Services, LLC (collectively "XO") as shown in the attached Exhibit A. AT&T and XO are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, AT&T and XO are Parties to the Agreements as shown in the attached Exhibit A; and

WHEREAS, XO Communications Services, Inc. has changed its name to "XO Communications Services, LLC" in the states of Alabama, Arkansas, California, Florida, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, South Carolina and Texas and wish to reflect this name change as set forth herein

WHEREAS, the Parties desire to amend the Agreement to implement the Lifeline and Link Up Reform and Modernization et al., WC Docket No. 11-42 et al., Second Report and Order, FCC 15-71, Released June 22, 2015 ("FCC Lifeline Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement to the *Connect America Fund et al.,* WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order"), and

WHEREAS, the Parties desire to amend the Agreement to implement the *Petition of USTelecom for Forbearance Pursuant to* 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next-Generation Networks, WC Docket No. 14-192, Released December 28, 2015 ("FCC US Telecom Forbearance Order"), and

WHEREAS, the Parties desire to modify certain provisions related to Customer Information Services pursuant to WC Docket No. 16-13, approved March 15, 2016.

NOW, **THEREFORE**, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, Exhibit A - AT&T Listing of Interconnection Agreements, Exhibit B – Customer Information Services, and Exhibit C - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.

2. **Lifeline and Link Up Services**

   2.1. Delete the rates, terms and conditions related to Lifeline and Link Up service offerings from the Agreement. Lifeline and Link Up service will no longer be available under the Agreement beginning 180 days after Federal Register publication of the Office of Management and Budget's (OMB) approval.

3. Intercarrier Compensation

3.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit C, for the termination of all Section 251(b)(5) Traffic exchanged between the Parties in the applicable state(s). The intercarrier compensation rates included in Exhibit C hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation and apply regardless of whether Section 251(b)(5) Traffic is routed through a Party's Tandem Switch or End Office.

4. Forbearance

4.1. Delete the rates, terms and conditions related to the unbundling of a 64 kbps voice-grade channel to provide narrowband services over fiber where an incumbent LEC retires a copper loop it has overbuilt with a fiber-to-the-home or fiber-to-the-curb loop.

5. Customer Information Services (CIS)

5.1. With the exception of 4.3 herein, delete all rates, terms and conditions pertaining to Customer Information Services, including but not limited to services related to Operator Services (OS), Directory Assistance (DA), Directory Assistance Listings (DAL), Inward Assistance Operator Services (INW) and White Pages (e.g., Busy Line Verification (BLV), Busy Line Verification/Interrupt (BLV/I), etc.) from the Agreement.

5.2. Add Attachment 06 - Operator Services and Directory Assistance (OS/DA), attached hereto as Exhibit B; and the Operator Services and Directory Assistance (OS/DA) rates reflected in the Pricing Sheet, attached hereto as Exhibit C, to the Agreement.

5.3. Add the following provisions to the Attachment or Appendix for Resale

CIS.1 For Resale service, AT&T will provide Customer Information Services to CLEC's End Users where technically feasible and/or available to AT&T retail End Users. Dialing, response, and sound quality will be provided in parity to AT&T retail End Users.

CIS.2 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.

CIS.3 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T.

CIS.4 AT&T shall not be responsible for the manner in which utilization of Resale Services or the associated charges are allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.

CIS.5 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

CIS.6 If CLEC does not wish to be responsible for payment of charges for calling card, collect, or third number billed calls (Alternately Billed Traffic or "ABT") or toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.

5. Name Change

5.1 The Agreement is hereby amended to reflect the name change from "XO Communications Services, Inc." to "XO Communications Services, LLC" in the states of Alabama, Arkansas, California, Florida, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, South Carolina and Texas.

5.2 AT&T shall reflect that name change from "XO Communications Services, Inc." to "XO Communications Services, LLC" in the states of Alabama, Arkansas, California, Florida, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, South Carolina and Texas only for the main billing account (header card) for each of the accounts previously billed to XO Communications, Inc. AT&T shall not be obligated, whether under this Amendment or otherwise, to make any other changes to AT&T's records with respect to those accounts, including to the services and items provided and/or billed thereunder or under the Agreement. Without limiting the foregoing, XO affirms, represents, and warrants that the ACNA and OCN for those accounts shall not change from that previously used by XO Communications Services, Inc. with AT&T for those accounts and the services and items provided and/or billed thereunder or under the Agreement.

5.3 Once this Amendment is effective, XO shall operate with AT&T under the "XO Communications Services, LLC" name in the states of Alabama, Arkansas, California, Florida, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, South Carolina and Texas for those accounts. Such operation shall include, by way of example only, submitting orders under XO, and labeling (including re-labeling) equipment and facilities with XO. Any change in XO's name including a change in the "d/b/a", or due to assignment or transfer of this Agreement wherein only XO's name is changing, and no Carrier Company Code(s) (ACNA/CIC/OCN) are changing, constitutes a Carrier Name Change under this Section. For any Carrier Name Change, XO is responsible for providing proof of compliance with industry standards related to any Company Code(s), including notification of the name change to the appropriate issuing authority of those Company Code(s) as required. XO must submit the appropriate service request to AT&T to update XO's name on all applicable billing accounts (BANs), and XO is responsible for all applicable processing/administration and nonrecurring charges for each service request. Should XO desire to change its name on individual circuits and/or End User records, XO must submit the appropriate service request(s) to AT&T to update XO's name on individual circuits and/or End User records, and XO is responsible for all applicable processing/administration and nonrecurring charges for each of those service request(s).

6. The Parties agree to replace Section N (Section 15. In Arkansas and Oklahoma, Section 15.0 in Kansas, Section 18 in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee, Section 19 in Michigan, Missouri, Ohio and Texas, and Section 19. In California, Illinois, Indiana and Wisconsin) from the Agreement with the following language:

N. Notices

N.1 Notices given by CLEC to AT&T under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:

N.1.1 delivered by electronic mail (email).

N.1.2 delivered by facsimile.

N.2 Notices given by AT&T to the CLEC under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:

N.2.1 delivered by electronic mail (email) provided CLEC has provided such information in Section N.4 below.

N.2.2 delivered by facsimile provided CLEC has provided such information in Section N.4 below.

N.3 Notices will be deemed given as of the earliest of:

N.3.1 the date of actual receipt.

N.3.2 notice by email shall be effective on the date it is officially recorded as delivered by delivery receipt and in the absence of such record of delivery, it shall be presumed to have been delivered on the date sent.

N.3.3 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.

N.4 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	Gerald E. Eisenhart Manager, Carrier Management
STREET ADDRESS	777 East Park Drive
CITY, STATE, ZIP CODE	Harrisburg, PA 17111
PHONE NUMBER*	717.562.5048
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	gerald.e.eisenhart@verizon.com

COPY TO CONTACT	CLEC CONTACT
NAME/TITLE	James G. Pachulski Deputy General Counsel
STREET ADDRESS	1320 North Court House Road, 9th Floor
CITY, STATE, ZIP CODE	Arlington, VA 22201
PHONE NUMBER*	703.351.3656
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	VZLegalWholesale@verizon.com

	AT&T CONTACT
NAME/TITLE	Contract Management ATTN: Notices Manager
FACSIMILE NUMBER	(214) 712-5792
EMAIL ADDRESS	The current email address as provided on AT&T's CLEC Online website

*Informational only and not to be considered as an official notice vehicle under this Section.

N.5 Either Party may unilaterally change its designated contact name, address, email address, and/or facsimile number for the receipt of Notices by giving written Notice to the other Party in compliance with this Section N. Unless explicitly stated otherwise, any change to the designated contact name, address, email address, and/or facsimile number will replace such information currently on file. Any Notice to change the designated contact name, address, email address, and/or facsimile number for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.

N.6 In addition, CLEC agrees that it is responsible for providing AT&T with CLEC's OCN and ACNA numbers for the states in which CLEC is authorized to do business and in which CLEC is requesting that this Agreement apply. In the event that CLEC wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, CLEC shall send written notice to AT&T to be received at least thirty (30) days prior to the

change and/or addition in accordance with this Section N. notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.

N.6.1 CLEC may not order services under a new account and/or subsequent state certification, established in accordance with this Section until thirty (30) days after all information specified in this Section is received from CLEC.

N.6.2 CLEC may be able to place orders for certain services in AT&T without having properly updated the CLEC Profile; however, at any time during the term of this Agreement without additional notice AT&T may at its discretion eliminate such functionality. At such time, if CLEC has not properly updated its CLEC Profile, ordering capabilities will cease, and CLEC will not be able to place orders until thirty (30) days after CLEC has properly updated its CLEC Profile.

N.7 AT&T communicates official information to CLECs via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T CLEC Online website, inclusive of a variety of subjects including declaration of a force majeure, changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.

7. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.

8. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.

9. 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.

10. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

11. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

12. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

13. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

Exhibit A

AT&T ILEC ("AT&T")	CARRIER Previous Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	3/21/06
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	3/2/04
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	6/28/10
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	**XO Communication Services, LLC**	**Same**	Interconnection	8/9/02
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	9/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	11/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	6/30/03
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	6/19/03
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	2/26/04
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	**XO Communication Services, LLC**	**Same**	Interconnection	6/21/04

AT&T ILEC ("AT&T")	CARRIER Previous Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	10/24/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	8/12/05
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	**XO Communication Services, LLC**	**Same**	Interconnection	10/20/06
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	8/29/05
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	**XO Communication Services, LLC**	**Same**	Interconnection	1/24/02
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	**XO Communication Services, LLC**	**Same**	Interconnection	6/10/10
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	**XO Communication Services, LLC**	**Same**	Interconnection	1/8/02
The Ohio Bell Telephone Company d/b/a AT&T OHIO	**XO Communication Services, LLC**	**Same**	Interconnection	2/1/02
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	**XO Communication Services, LLC**	**Same**	Interconnection	3/1/04
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	**XO Communication Services, Inc.**	**XO Communication Services, LLC**	Interconnection	3/1/00

ATTACHMENT 06 – OPERATOR SERVICES AND DIRECTORY ASSISTANCE

(f/k/a CUSTOMER INFORMATION SERVICES)

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1.0 INTRODUCTION

1.1 This Attachment sets forth the rates, terms and conditions under which AT&T-21STATE shall provide Operator Services/Directory Assistance (OS/DA) and Listings.

1.2 OS/DA:

1.2.1 This Attachment sets forth the rates, terms and conditions under which the Parties shall jointly carry out OS/DA on a wholesale basis for CLEC End Users residing in AT&T-21STATE's local Exchange territory, regardless of whether CLEC is serving its End Users via:

1.2.1.1 CLEC's own physical Switches; or

1.2.1.2 Resale of AT&T-21STATE Retail OS/DA service.

1.2.2 CLEC shall be the retail OS/DA provider to its End Users, and AT&T-21STATE shall be the wholesale provider of OS/DA operations to CLEC. AT&T-21STATE shall answer CLEC's End User OS/DA calls on CLEC's behalf, as follows:

1.2.2.1 When the End User dials 0- or 0+ the telephone number, AT&T-21STATE shall provide the Operator Services described in Section 3.4 below. CLEC may set its own retail OS/DA rates, and CLEC therefore acknowledges its responsibility to obtain (a) End User agreement to the OS/DA retail rates (e.g., by tariff or contract), and (b) any necessary regulatory approvals for its OS/DA retail rates.

1.2.2.2 In response to CLEC End User inquiries about OS/DA rates, where available and technically feasible, AT&T-21STATE operators shall quote CLEC retail OS/DA rates, provided by CLEC (see Section 3.6 below). If further inquiries are made about rates, billing and/or other "business office" questions, AT&T-21STATE's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also see Section 3.6 below).

1.2.3 CLEC shall pay the applicable OS/DA rates found in the Pricing Sheet based upon CLEC's status as a Facilities-Based CLEC or a reseller. Provided however, CLEC may serve both as a reseller and as a facilities-based provider and CLEC may convert its facilities-based End Users to Resale service, or vice versa, as described below in Section 3.6.7 below.

1.2.3.1 CLEC acknowledges and understands that wholesale OS/DA rates differ between Resale and facilities-based service, and that both types of OS/DA wholesale rates are listed in the Pricing Sheet.

1.2.3.2 Billing and payment details, including the assessment of late payment charges for unpaid balances, are governed by the General Terms and Conditions in this Agreement.

1.3 Listings:

1.3.1 This Attachment sets forth terms and conditions that apply to Resale and Facility-Based CLECs for subscriber listing information provided by AT&T-21STATE.

2.0 DEFINITIONS

2.1 "Consolidated Reference Rater (CRR)" provides reference information (business office and repair numbers) and rate quotes for CLEC End Users.

2.2 "Facilities-Based CLEC" means a CLEC that provides service through its own switch or a Third Party provider's switch.

2.3 "General Assistance" means a service in which the End User dialing - 0 asks the OS operator for assistance. The operator will respond in accordance with OS methods and practices that are in effect at the time the End User makes an OS call where available and technically feasible.

2.4 "Listings" means information identifying the listed names of subscribers of carriers and subscribers' telephone numbers, addresses or primary advertising classification or any combination, and that carrier or affiliate has published, caused to be published or accepted for publication in any directory format.

2.5 "Services" means Operator Services/Directory Assistance (OS/DA) and Listings.

2.6 "Toll Center Code" means the three digit access tandem code ("ATC") that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions.

3.0 OPERATOR SERVICES (OS) / DIRECTORY ASSISTANCE (DA)

3.1 Dialing Parity:

3.1.1 AT&T-21STATE will provide OS/DA to CLEC's End Users with no unreasonable dialing delays and at dialing parity with AT&T-21STATE retail OS/DA services.

3.2 Response Parity:

3.2.1 Where available and technically feasible, CLEC's End Users shall be answered by AT&T-21STATE's OS and DA platforms with the same priority and using the same methods as for AT&T-21STATE's End Users.

3.2.2 Any technical difficulties in reaching the AT&T-21STATE OS/DA platform (e.g., cable cuts in the OS/DA trunks, unusual OS/DA call volumes, etc.) will be experienced at parity with AT&T-21STATE End Users served via that same AT&T-21STATE End Office Switch.

3.3 Requirements to Physically Interconnect:

3.3.1 This section describes the physical interconnection and trunking requirements for a Facilities-Based CLEC to interconnect with AT&T-21STATE's OS/DA switches.

3.3.2 The demarcation point for OS/DA traffic between the Parties' networks need not coincide with the point of interconnection for the physical interconnection of all other inter-carrier voice traffic, but at a minimum must be in the Local Access and Transport Area (LATA) in which the CLEC's OS/DA traffic originates.

3.3.2.1 Because CLEC's switch may serve End Users in more than one LATA, the Parties agree that CLEC's OS/DA traffic originates from the physical location of the End User dialing 0, 411, or 555-1212 and not the physical location of CLEC's switch.

3.3.2.2 To the extent CLEC is serving via circuit-switched wireless technology, the physical location of the End User dialing 0, 411, or 555-1212 shall be deemed the End User's physical billing address, regardless of whether the End User may be roaming at the time of placing the OS/DA call.

3.3.3 The Parties will establish an OS/DA demarcation point at the AT&T-21STATE's OS/DA switch. By mutual agreement, an alternative OS/DA demarcation point may be determined based on the following factors:

3.3.3.1 The size and type of facilities needed to carry CLEC's switch-based OS/DA traffic;

3.3.3.2 Whether CLEC wishes to interconnect for OS or DA, or both;

3.3.3.3 Whether CLEC or CLEC's Affiliate is collocated in an AT&T-21STATE local tandem office and wishes to use the collocation as the OS/DA demarcation point; and

3.3.3.4 Whether CLEC or CLEC's Affiliate already has existing OS/DA facilities in place to the AT&T-21STATE's OS/DA platforms.

3.3.4 CLEC shall be financially responsible for the transport facilities to the AT&T-21STATE's switch(es). CLEC may self-provision these OS/DA facilities, lease them from Third Parties, or lease them from AT&T-21STATE's intrastate Special Access Tariff. CLEC shall remain financially responsible for the transport facilities to the AT&T-21STATE's switch(es) and/or any one-way trunk groups from its designated operator assistance and directory assistance (or OA/DA) switch to the AT&T-21STATE operator assistance switch until CLEC initiates and successfully disconnects such transport facilities and/or trunk groups.

3.3.5 General OS/DA Trunking Requirements:

3.3.5.1 CLEC will initiate an Access Service Request (ASR) for all OS/DA trunk groups from its switch to the appropriate AT&T-21STATE OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T-21STATE will provision all such one-way trunk groups in the same manner and at the same intervals as for all other interconnection trunks between the Parties.

3.3.5.2 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the AT&T-21STATE End Offices to the AT&T-21STATE OS/DA switches that are equipped to accept 10-Digit Signaling for Automatic Number Identification (ANI).

3.3.5.3 Where EAOSS is not available, Modified Operator Services Signaling (MOSS) will be utilized, and a segregated one-way trunk group with MF signaling will be established from CLEC to each AT&T-21STATE OS/DA switch for each served Numbering Plan Area (NPA) in the LATA.

3.3.6 Specific OS/DA Trunk Groups and Their Requirements

3.3.6.1 Operator Service Trunks:

3.3.6.1.1 CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE OS switch serving OS End Users in that LATA. An OS only trunk group will be designated with the appropriate OS traffic use code and modifier. If the trunk group transports combined OS/DA/DACC over the same trunk group, then the group will be designated with a different traffic use code and modifier for combined services. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.3.6.2 DA/DA Call Completion (DACC) Trunks:

3.3.6.2.1 Where permitted, CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE DA switch serving DA End Users in that LATA. If the trunk group transports DA/DACC only, but not OS, then the trunk group will be designated with the appropriate DA traffic use code and modifier.

3.3.6.2.2 In AT&T-12STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with a different appropriate traffic use code and modifier from that used for a DA/DACC only trunk group. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.3.6.2.3 In AT&T SOUTHEAST REGION 9-STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with an appropriate traffic use code and modifier. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.4 Operator Services Call Processing and Rates:

3.4.1 AT&T-21STATE will assess its OS charges based upon whether the CLEC End User is receiving (a) manual OS (i.e., provided via an operator), or (b) automated OS (i.e., an OS switch equipment voice recognition feature, functioning either fully or partially without operators where available and technically feasible). The Pricing Sheet contains the full set of OS recurring and nonrecurring rates.

3.4.2 AT&T-21STATE will provide OS to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with OS methods and practices in effect at the time the CLEC End User makes an OS call.

3.5 Directory Assistance Call Processing and Rates:

3.5.1 AT&T-21STATE DA charges are assessed on a flat rate per call, regardless of call duration. The Pricing Sheet contains the recurring and nonrecurring rates.

3.5.2 AT&T-21STATE will provide DA Services to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with DA Services methods and practices that are in effect

at the time CLEC End User makes a DA call. AT&T-21STATE will provide the following DA services to a CLEC End User:

3.5.2.1 Local Directory Assistance - Consists of providing published name and telephone number.

3.5.2.2 Directory Assistance Call Completion (DACC) - A service in which a local or an intraLATA call to the requested number is completed.

3.5.2.3 National Directory Assistance (NDA) - A service whereby callers may request published name and telephone number outside their LATA or local calling area for any listed telephone number in the United States.

3.5.2.4 Reverse Directory Assistance (RDA) - Consists of providing listed local and national name and address information associated with a telephone number.

3.5.2.5 Business Category Search (BCS) - A service whereby callers 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.

3.6 OS/DA Non-recurring Charges for Loading Automated Call Greeting (i.e., Brand Announcement), Rates and Reference Information:

3.6.1 CLEC End Users will hear silence upon connecting with the OS/DA switch. As an alternative to silence, CLEC may custom brand for which custom brand charges will apply.

3.6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T-21STATE in conformity with the format, length, and other requirements specified for all CLECs on the AT&T CLEC Online website.

3.6.1.2 AT&T-21STATE will then perform all of the loading and testing of the announcement for each applicable OS/DA switch prior to live traffic. CLEC may also change its pre-recorded announcement at any time by providing a new announcement phrase in the same manner. CLEC will be responsible for paying subsequent loading and testing charges.

3.6.1.3 CLEC understands that End Users may not perceive silent announcements as ordinary mechanical handling of OS/DA calls.

3.6.1.4 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T-21STATE harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing End User.

3.6.2 AT&T-21STATE will be responsible for loading the CLEC provided recording into all applicable OS and/or DA switches prior to live traffic, testing the announcement for sound quality at parity with that provided to AT&T-21STATE End Users. CLEC will be responsible for paying the initial recording announcement loading charges, and thereafter, the per-call charge as well as any subsequent loading charges if new recordings or silent announcements are provided as specified above.

3.6.3 Branding load charges are assessed per loaded recording, per OCN, per switch. For example, a CLEC Reseller may choose to brand under a different name than its facilities-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the branding or silent load charge. These charges are mandatory, nonrecurring, and are found in the Pricing Sheet.

3.6.4 Where Consolidated Reference Rater (“CRR”) is available and technically feasible, the applicable CLEC-charged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair center) are loaded into the system utilized by the OS operator.

3.6.5 Where CRR is available and technically feasible, AT&T-21STATE will be responsible for loading the CLEC-provided OS/DA retail rates and the CLEC provided contact number(s) into the OS/DA switches. CLEC will be responsible for paying the initial reference and rate loading charges.

3.6.6 CRR load charges are assessed per loaded set of rates/references, where CRR is available and technically feasible, per OCN, per state. For example, a CLEC reseller may choose to rate differently than its Facilities-Based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded for each OCN, per state, with each loading incurring the rate/reference charge. These charges are mandatory, nonrecurring and are found in the Pricing Sheet.

3.6.7 Converting End Users from prior branded service to CLEC or silent-branded service, or between Resale and facilities-based service:

3.6.7.1 To the extent that CLEC has already established the branding/silent announcement recording in AT&T-21STATE OS/DA switches for both Resale and facilities-based service, then no non-recurring charges apply to the conversion of End Users from prior Resale OS/DA wholesale service to facilities-based OS/DA wholesale service, or vice versa.

3.6.7.2 To the extent that CLEC has not established the branding announcement recording in AT&T-21STATE OS/DA switches for Resale and/or facilities-based service, then non-recurring charges apply to set up the OS/DA call for the new type of service, as is described in Section 3.6 above, and at the rates set forth in the Pricing Sheet.

4.0 LISTINGS

4.1 General Provisions:

4.1.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of listings, AT&T-21STATE will make available to CLEC, for CLEC End Users, non-discriminatory access to listings in the same manner as AT&T-21STATE makes listings available to AT&T-21STATE retail End Users.

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4.2 Responsibilities of the Parties:

4.2.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE will include in appropriate white pages directories the primary alphabetical listings of CLEC End Users located within the AT&T-21STATE ILEC Territory. When CLEC provides its subscriber listing information to AT&T-21STATE listings database, CLEC will receive for its End User, one primary listing in AT&T-21STATE white pages directory and a listing in AT&T-21STATE's DA database at no charge, other than applicable service order charges as set forth in the Pricing Sheet.

4.2.1.1 Except in the case of a Local Service Request (LSR) submitted solely to port a number from AT&T SOUTHEAST REGION 9-STATE, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, will apply to both the request for service and the request for the directory listing. 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-21STATE's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate.

4.2.1.2 Listing Information Confidentiality:

4.2.1.2.1 AT&T-21STATE will afford CLEC's directory listing information the same level of confidentiality that AT&T-21STATE affords its own directory listing information.

4.2.1.3 Unlisted/Non-Published End Users:

4.2.1.3.1 CLEC will provide to AT&T-21STATE the names, addresses and telephone numbers of all CLEC End Users who wish to be omitted from directories. Non-listed/Non-Published listings will be subject to the rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings.

4.2.1.4 Additional Listings:

4.2.1.4.1 Where a CLEC End User requires listings in addition to the primary listing to appear in the white pages directory, AT&T-21STATE will offer such listings at rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings. CLEC shall furnish to AT&T-21STATE subscriber listing information pertaining to CLEC End Users located within the AT&T-21STATE ILEC Territory, along with such additional information as AT&T-21STATE may be required to include in the alphabetical listings of said directory. CLEC shall refer to the AT&T CLEC Online website for methods, procedures and ordering information.

4.2.2 CLEC will provide accurate subscriber listing information of its subscribers to AT&T-21STATE via a mechanized feed of the directory listing information to AT&T-21STATE's Directory Listing database. CLEC agrees to submit all listing information via 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's subscriber listings will be interfiled (interspersed) in the directory among AT&T-21STATE'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 DA database or the directory listing of a CLEC End User. CLEC must submit all listing information intended for publication by the directory close (a/k/a last listing activity) date.

4.2.3 White Page Directories:

4.2.3.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, each CLEC subscriber may receive one copy per primary End User listing, as provided by CLEC, of the appropriate AT&T-21STATE white pages directory in the same manner, format and at the same time that they are delivered to AT&T-21STATE's retail End Users.

4.2.4 Use of Subscriber Listing Information:

4.2.4.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber (i.e., End User) listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T-21STATE's subscriber listing information. In exchange for AT&T-21STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T-21STATE to include and use the CLEC subscriber listing information provided to AT&T-21STATE DA databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is AT&T-21STATE's use of CLEC's subscriber listing information in AT&T-21STATE's DA, DA related products and services, and directory products and services.

4.2.4.2 AT&T-21STATE 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-21STATE'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 interfiled (interspersed) with AT&T-21STATE'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-21STATE.

4.2.5 Upon identification and notice of non-compliance by AT&T-21STATE, CLEC agrees to pay all direct costs incurred by AT&T-21STATE as a result of CLEC not complying with the terms of this Attachment and in accordance with the Limitations of Liability section in the General Terms and Conditions Attachment of this Agreement.

4.2.6 This Attachment shall 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.

4.2.7 Breach of Contract:

4.2.7.1 If either Party is found to have materially breached the Listings terms of this Attachment, the non-breaching Party may terminate the Listings terms of this Attachment by providing written Notice to the breaching Party, whereupon this Attachment shall be null and void with respect to any issue of white pages directory published sixty (60) or more calendar days after the date of receipt of such written Notice. CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates and vendor as a result of such CLEC breach.

4.2.8 General Conditions for Listings:

4.2.8.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any Listings Service offerings that are provided under this Attachment on ninety (90) days' written notice in the form of an Accessible Letter.

4.2.8.2 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of Listings products and/or services to CLEC End Users under this Section.

5.0 GENERAL CONDITIONS FOR OPERATOR SERVICES (OS), DIRECTORY ASSISTANCE (DA)

5.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any OS and/or DA feature of Service(s) offerings that are provided under this Attachment on one hundred eighty (180) days' written notice in the form of an Accessible Letter.

5.2 Termination:

5.2.1 If the CLEC terminates OS and/or DA service prior to the expiration of the term of this Agreement, CLEC shall pay AT&T-21STATE, within thirty (30) calendar days of the issuance of any bills by AT&T-21STATE, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by AT&T-21STATE pursuant to this Attachment prior to its termination. The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in the Pricing Sheet.

5.3 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of OS and/or DA products/services to CLEC End Users under this Attachment.

6.0 TERMINATION – ENTIRE ATTACHMENT 06 – OPERATOR ASSISTANCE AND DIRECTORY ASSISTANCE SERVICES

6.1 The Parties reserve the right to suspend or terminate, without penalty, this Attachment in its entirety on one hundred eighty (180) days' written notice. The Attachment will be coterminous with the ICA or will continue until the Party desiring to terminate this Attachment provides one hundred eighty (180) days' written Notice to the other Party of the date the Attachment will terminate ("Termination Date"), whichever date is earlier.

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	AL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	AL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	AL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	AL	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	AL	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	AL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			per call
6	AL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			per call
6	AL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	AL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	AL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS) - Initial Load, per listing					0.04		listing
6	AL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS) - Update, per listing				0.04			listing
6	AL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS) - Monthly Recurring Fee				150.00			monthly
6	AL	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	AL	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	AL	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			Minute
6	AL	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			Minute
6	AL	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			call
6	AL	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			call
6	AL	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	AL	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	AL	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)					420.00	420.00	OCN
6	AL	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN					16.00	16.00	per Switch per OCN
6	AL	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)					1,200.00	1,200.00	OCN
6	AL	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN					1,170.00	1,170.00	per Switch per OCN
6	AL	DIRECTORY LISTING PRODUCT	White Page Directory Listings - Initial Listing				0.00	0.00	0.00	initial listing is no charge
6	AL	DIRECTORY LISTING PRODUCT	Non Published / Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	AL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.30%	N/A	N/A	Flat Rate Discount for Resale
6	AL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.30%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU		ZZUR2		$0.00	NA	NA	MOU
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$ 0.40	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		$ 0.40	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$ 0.15	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call		ZZUO5		$ 0.65	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call - credit		ZZUO6		$ 0.65	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		$ 0.65	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call		ZZUO8		$ 0.65	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call - credit		ZZUO9		$ 0.65	NA	NA	per call
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load - per OCN, per switch		NRBDG		NA	$ 1,800.00	$ 1,800.00	per OCN, per switch
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call		ZZUCB		$ 0.030	NA	NA	per call
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load - per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state, per OCN
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load - per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state, per OCN
6	AR	DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	initial listing is no charge
6	AR	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	AR	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$ 0.15	NA	NA	per completed automated call
6	AR	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$ 0.030	NA	NA	per work second
6	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding - Initial/Subsequent Load - per OCN, per switch		NRBDG		NA	$ 1,800.00	$ 1,800.00	per state per OCN
6	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding - per call		ZZUCB		$ 0.030	NA	NA	per call
6	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load - per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state per OCN
6	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load - per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state per OCN
6	AR	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				14.50%	NA	NA	Flat Rate Discount for Resale
6	AR	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				14.50%	NA	NA	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	CA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				$0.00			MOU
6	CA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Rate, per call				$ 0.40			Per Call
6	CA	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call				$ 0.65			Per Call
6	CA	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call				$ 0.65			Per Call
6	CA	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS), per call				$ 0.65			Per Call
6	CA	DIRECTORY ASSISTANCE SERVICES	Express Call Completion/Directory Assistance Call Completion (DACC) - Rate per call				$ 0.15			Per Call
6	CA	DIRECTORY ASSISTANCE SERVICES	Express Call Completion/Directory Assistance Call Completion (DACC) - Call Completion LATA Wide - Per MOU				$ 0.00436			Per Call
6	CA	BRANDING - DIRECTORY ASSISTANCE	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	CA	BRANDING - DIRECTORY ASSISTANCE	Branding and Reference/Rate Look Up, per DA Call				$ 0.03			DA call
6	CA	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00		per state, per OCN
6	CA	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Subsequent Load, per state, per OCN				NA		$ 1,500.00	per state, per OCN
6	CA	BRANDING - OPERATOR CALL PROCESSING	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	CA	BRANDING - OPERATOR CALL PROCESSING	Branding and Reference/Rate Look Up, per OS Call				$ 0.03			OS call
6	CA	BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00		per state, per OCN
6	CA	BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Subsequent Load, per state, per OCN				NA		$ 1,500.00	per state, per OCN
6	CA	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call				$ 0.15			call
6	CA	OPERATOR CALL PROCESSING	Operator - Assisted Call Processing - All Types, per work second				$ 0.03			work second
6	CA	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	CA	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	CA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				17.00%	N/A	N/A	Flat Rate Discount for Resale
6	CA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				17.00%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	FL	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	FL	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	FL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	FL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	FL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	FL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	FL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	FL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	FL	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	FL	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	FL	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	FL	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	FL	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	FL	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	FL	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	FL	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	FL	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	FL	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS - Loading of DA per OCN (1 OCN per Order)					420.00	420.00	OCN
6	FL	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS - Loading of DA per Switch per OCN					16.00	16.00	per Switch per OCN
6	FL	BRANDING - OPERATOR CALL PROCESSING	Unbranding via OLNS - Loading of OA per OCN (Regional)					1,200.00	1,200.00	OCN
6	FL	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN					1,170.00	1,170.00	per Switch per OCN
6	FL	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	FL	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	FL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.83% (Res) 16.81% (Bus)	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	FL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.83% (Res) 16.81% (Bus)	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	GA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	GA	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	GA	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	GA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	GA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	GA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	GA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state OCN						1,500.00	per state per OCN
6	GA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	GA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	GA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	GA	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	GA	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	GA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			Minute
6	GA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			Minute
6	GA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	GA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	GA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	GA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	GA	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	GA	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	GA	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	GA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				20.30% (Res) 17.30% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	GA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				20.30% (Res) 17.30% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	GA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	GA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	GA	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	IL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		$0.00			MOU
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$0.40	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance National Directory Assistance (NDA), per call	XPU	OPEN		$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Reverse Directory Assistance (RDA), per call	XPU	OPEN		$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Business Category Search (BCS) / where applicable, per call	XPU	OPEN		$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$0.15	NA		per call
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch per OCN				NA	$1,800.00	$1,800.00	per switch, per OCN
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN		$0.03	NA		per OS/DA call
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Initial/Subsequent Load - per trunk group				NA	$800.00	$800.00	per trunk group
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$5,000.00		per state, per OCN
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA		$1,500.00	per state, per OCN
6	IL	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$0.15	NA	NA	per call
6	IL	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$0.03	NA	NA	per work second
6	IL	DIRECTORY LISTING PRODUCT	DA Listing - per listing for initial load				NA	$0.04	NA	per listing
6	IL	DIRECTORY LISTING PRODUCT	DA Listing - per listing for subsequent updates				$0.06	NA	NA	per listing
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Directory Assistance				See IL. C.C No. 22 Tariff (Part 22)	NA		discount
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Operator Assistance Services				See IL. C.C No. 22 Tariff (Part 22)	NA		discount
6	IL	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	IL	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings							See Tariffs and / or Service Guidebook
6	IL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services					N/A	N/A	Flat Rate Discount for Resale
6	IL	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service					N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	IN	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		$0.00			MOU
6	IN	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / where applicable, per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch, per OCN					$ 1,800.00	$ 1,800.00	per switch, per OCN
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN		$ 0.03	NA	NA	per OS/DA call
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding per Trunk Group				NA	$800.00		
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00	NA	per state, per OCN
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA	NA	$ 1,500.00	per state, per OCN
6	IN	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	IN	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$ 0.03	NA	NA	per work second
6	IN	DIRECTORY LISTING PRODUCT	DA Listing - per listing for initial load				NA	$ 0.040	NA	per listing
6	IN	DIRECTORY LISTING PRODUCT	DA Listing - per listing for subsequent updates				$ 0.060		NA	per listing
6	IN	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	IN	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings							See Tariffs and / or Service Guidebook
6	IN	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.64%	N/A	N/A	Flat Rate Discount for Resale
6	IN	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.64%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU		ZZUR2		$0.00	NA	NA	MOU
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$ 0.40	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		$ 0.40	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$ 0.15	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)		ZZUO5		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) - Credit		ZZUO6		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS)		ZZUOB		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA)		ZZUO8		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) - Credit		ZZUO9		$ 0.65	NA	NA	per call
6	KS	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	KS	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	KS	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	KS	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		$ 0.030	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state, per OCN
6	KS	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state, per OCN
6	KS	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$ 0.15	NA	NA	Per completed automated call
6	KS	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$ 0.03	NA	NA	per work second
6	KS	OPERATOR SERVICES - BRANDING	Operator Services - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	KS	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		$ 0.030	NA	NA	per call
6	KS	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state, per OCN
6	KS	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state, per OCN
6	KS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.60%	NA	NA	Flat Rate Discount for Resale
6	KS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.60%	NA	NA	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	KY	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	KY	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	KY	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	KY	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	KY	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	KY	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	KY	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	KY	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04	N/A	N/A	listing
6	KY	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	KY	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	KY	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	KY	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.79% (Res) 15.54% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	KY	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.79% (Res) 15.54% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	KY	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	KY	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	KY	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	LA	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	LA	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	LA	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	LA	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	LA	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	LA	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			Minute
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			Minute
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	LA	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	LA	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	LA	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	LA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				20.72%	N/A	N/A	Flat Rate Discount for Resale
6	LA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				20.72%	N/A	N/A	Flat Rate Discount for Resale
6	LA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN
6	LA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MI	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG14		$0.00			MOU
6	MI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA	NA	per call
6	MI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) where applicable, per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$ 0.15	NA		per call
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch, per OCN					$ 1,800.00	$ 1,800.00	per switch, per OCN
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per call	XPU	OPEN		$ 0.03		NA	per OS/DA call
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Initial / Subsequent Load - per trunk group					$800.00	$800.00	per trunk group
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Directory Assistance Rate Reference - Initial Load, per state, per OCN					$ 5,000.00		per state, per OCN
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Directory Assistance Rate Reference - Subsequent Load, per state, per OCN					NA	$ 1,500.00	per state, per OCN
6	MI	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	MI	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$ 0.03	NA	NA	per work second
6	MI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load					$ 0.040	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060	NA	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	MI	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings							See Tariffs and / or Service Guidebook
6	MI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.62%	N/A	N/A	Flat Rate Discount for Resale
6	MI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.62%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MO	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport & Termination per MOU		ZZUR2		NA	NA	NA	MOU
2MR-AT	MO	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		$0.40	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$0.15	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call		ZZUO5		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call - credit		ZZUO6		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS), per call		ZZUOB		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call		ZZUO8		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call - credit		ZZUO9		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding - Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	MO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	MO	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	MO	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	per completed automated call
6	MO	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	MO	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	Per state, per OCN
6	MO	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	Per state, per OCN
6	MO	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				19.20%	NA	NA	Flat Rate Discount for Resale
6	MO	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				19.20%	NA	NA	Flat Rate Discount for Resale
6	MO	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	MO	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	MS	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	MS	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	MS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	MS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	MS	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	MS	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	MS	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	MS	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	MS	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	MS	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	MS	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	MS	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	MS	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	MS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				15.75%	N/A	N/A	Flat Rate Discount for Resale
6	MS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				15.75%	N/A	N/A	Flat Rate Discount for Resale
6	MS	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN
6	MS	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	MS	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	NC	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	NC	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	NC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	NC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	NC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	NC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	NC	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	NC	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	NC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	NC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	NC	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	NC	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	NC	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	NC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.50% (Res) 17.60% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	NC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.50% (Res) 17.60% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	NC	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	NC	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	NC	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OH	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		$0.00			MOU
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Reverse Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Business Category Search (BCS) where applicable, per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$ 0.15	NA		per call
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch per OCN				NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN		$ 0.03	NA		per OS/DA call
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00		per state, per OCN
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA	NA	$ 1,500.00	per state, per OCN
6	OH	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA		per call
6	OH	OPERATOR CALL PROCESSING	Operator Assisted Call Processing - All Types, per work second	XPU	OPEN		$ 0.03	NA		per work second
6	OH	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load				NA	$ 0.040		per listing
6	OH	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060			per listing
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Initial / Subsequent Load - per trunk group					$800.00	$800.00	per trunk group
6	OH	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	OH	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	OH	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				20.29%	N/A	N/A	Flat Rate Discount for Resale
6	OH	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				20.29%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU				NA	NA	NA	MOU
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		$0.40	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$0.15	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call		ZZUO5		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call - credit		ZZUO6		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call		ZZUO8		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call - credit		ZZUO9		$0.65	NA	NA	per call
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Based Rate Reference - Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	per state per OCN
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	per state per OCN
6	OK	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	OK	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	OK	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	completed automated call
6	OK	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB		$0.030	NA	NA	per call
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Based Rate Reference - Initial Load, per state per OCN		NRBDL		NA	$5,000.00	NA	per state per OCN
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	per state per OCN
6	OK	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				19.80%	N/A	N/A	Flat Rate Discount for Resale
6	OK	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				19.80%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	SC	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	SC	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	SC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			per call
6	SC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			per call
6	SC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	SC	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	SC	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			per call
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			per call
6	SC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS for Wholesale CLEC - Loading of DA per OCN (1 OCN per Order)					420.00	420.00	OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS for Wholesale CLEC - Loading of DA per Switch per OCN					16.00	16.00	per Switch per OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Wholesale CLEC - Unbranding via OLNS - Loading of OA per OCN (Regional)					1,200.00	1,200.00	OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Wholesale CLEC - Loading of OA Custom Branded Announcement per Switch per OCN					1,170.00	1,170.00	per Switch per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	SC	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	SC	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	SC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				14.80%	N/A	N/A	Flat Rate Discount for Resale
6	SC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				14.80%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	TN	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	TN	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			Per Mile, Per MOU
2MR-AT	TN	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			Per Mile, Per MOU
6	TN	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	TN	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement [DISCONNECT] (USOC=CBADA)	AMT	**SOMAN**			13.32	1.40	announcement
6	TN	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement (USOC=CBADA)	AMT	**SOMAN**			20.35	10.54	announcement
6	TN	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement [DISCONNECT]	AMT	CBADA			7.03	7.03	announcement
6	TN	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	TN	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN (USOC=CBADC)	AMT	**SOMAN**			20.35	10.54	per Switch per OCN
6	TN	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			per call
6	TN	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			per call
6	TN	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	TN	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	TN	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	TN	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	TN	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	TN	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	TN	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement [DISCONNECT] (USOC=CBAOS)	AMT	**SOMAN**			19.99	19.99	announcement
6	TN	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement (USOC=CBAOS)	AMT	**SOMAN**			19.99	19.99	announcement
6	TN	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement [DISCONNECT]	AMT	CBAOS			7.03	7.03	announcement
6	TN	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per state per OCN	AMT	CBAOL			500.00	500.00	per state per OCN
6	TN	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per state per OCN (USOC=CBAOL)	AMT	**SOMAN**			19.99	19.99	per state per OCN
6	TN	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	TN	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	TN	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			per call
6	TN	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			per call
6	TN	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	TN	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
6	TN	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	TN	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	TN	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	16.00	16.00	OCN
6	TN	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	1,200.00	1,200.00	per switch per OCN
6	TN	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)							OCN
6	TN	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	TN	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.00%	N/A	N/A	Flat Rate Discount for Resale
6	TN	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.00%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	TX	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport & Termination per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	TX	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.000000	NA	NA	MOU
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		$0.40	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per cal		ZZUO7		$0.15	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per cal		ZZUO5		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call - credit		ZZUO6		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call		ZZUO8		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call - credit		ZZUO9		$0.65	NA	NA	per call
6	TX	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	TX	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	TX	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	per completed automated call
6	TX	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	TX	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.60%	N/A	N/A	Flat Rate Discount for Resale
6	TX	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.60%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	WI	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		$0.00			MOU
6	WI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / where applicable, per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC)	XPU	OPEN		$ 0.15	NA	NA	per call
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load per switch per OCN				N/A	$1,800.00	$1,800.00	per switch, per OCN
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Rate/Reference Look Up, per OS/DA call	XPU	OPEN		$ 0.03			per OS/DA call
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group				NA	$ 800.00	NA	per trunk group
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00	NA	per state, per OCN
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA	$ 1,500.00	$ 1,500.00	per state, per OCN
6	WI	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	WI	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$ 0.03	NA	NA	per work second
6	WI	OPERATOR CALL PROCESSING	Branding-Other-Initial/Subsequent Load, per switch, per OCN					$ 1,800.00	$ 1,800.00	per switch, per OCN
6	WI	OPERATOR CALL PROCESSING	per call	XPU	OPEN		$ 0.03			per OS/DA call
6	WI	OPERATOR CALL PROCESSING	Branding - Initial/Subsequent Load - per trunk group					$ 800.00		per trunk group
6	WI	OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load					$ 5,000.00		per state, per OCN
6	WI	OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load				NA	$ 1,500.00	$ 1,500.00	per state, per OCN
6	WI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load					$ 0.040	NA	per listing
6	WI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060		NA	per listing
6	WI	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	WI	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	WI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				25.00%	N/A	N/A	Flat Rate Discount for Resale
6	WI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				25.00%	N/A	N/A	Flat Rate Discount for Resale

AMENDMENT

BETWEEN

BELLSOUTH TELECOMMUNICATIONS, LLC 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, LLC D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY, LLC D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY, LLC D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY, LLC D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY, LLC D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, LLC D/B/A AT&T WISCONSIN

AND

XO COMMUNICATIONS SERVICES, LLC

Signature: eSigned - Daniel J. Higgins II

Name: eSigned - Daniel J. Higgins II
(Print or Type)

Title: AVP
(Print or Type)

Date: 09 Sep 2025

XO Communications Services, LLC

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: AVP- Regulatory
(Print or Type)

Date: 09 Sep 2025

BellSouth Telecommunications, LLC 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, LLC d/b/a AT&T ILLINOIS, Indiana Bell Telephone Company, LLC d/b/a AT&T INDIANA, Michigan Bell Telephone Company, LLC d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA and AT&T TEXAS, Wisconsin Bell, LLC d/b/a AT&T WISCONSIN by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ALABAMA	418B	539B	- - -
ARKANSAS	2796	- - -	- - -
CALIFORNIA	2796	7262	7262
FLORIDA	6100	423B,6100	6100
GEORGIA	8758	424B,8758	8758
ILLINOIS	2796	- - -	- - -
INDIANA	2796	4359	4359
KANSAS	2796	463B	463B
KENTUCKY	418B	622B	623B
LOUISIANA	418B	691B	- - -
MICHIGAN	2796	4125	4125
MISSISSIPPI	457B	428B	- - -
MISSOURI	2796	4774	4774
NORTH CAROLINA	456B	432B	4792
OHIO	2796	7520	7520

OKLAHOMA	2796	- - -	- - -
SOUTH CAROLINA	418B	747B	- - -
TENNESSEE	7344	436B	7344
TEXAS	4815	8958	8958
WISCONSIN	2796	4126	4126

Description	ACNA Code(s)
ACNA(s)	TQW

AMENDMENT TO THE AGREEMENT BETWEEN XO COMMUNICATIONS SERVICES, LLC AND BELLSOUTH TELECOMMUNICATIONS, LLC, D/B/A AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY, LLC D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY, LLC D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY, LLC, D/B/A AT&T OHIO, SOUTHWESTERN BELL TELEPHONE COMPANY, LLC D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, LLC, D/B/A AT&T WISCONSIN

This Amendment (Amendment) amends the Interconnection Agreements by and between BellSouth Telecommunications, LLC, d/b/a AT&T TENNESSEE, Illinois Bell Telephone Company, LLC, d/b/a AT&T ILLINOIS, Indiana Bell Telephone Company, LLC, d/b/a AT&T INDIANA, Michigan Bell Telephone Company, LLC, d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company, LLC, d/b/a AT&T OHIO, Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA and AT&T TEXAS, and Wisconsin Bell, LLC d/b/a AT&T WISCONSIN (AT&T) and XO Communications Services, LLC (CLEC). AT&T and CLEC are hereinafter referred to collectively as Parties and individually as a Party.

WHEREAS, AT&T and CLEC are Parties to the Agreements shown in the attached Exhibit A.; and

WHEREAS, AT&T and CLEC wish to enter into a Stand-Alone Structure Access Agreement for Poles, Ducts, Conduits, and Rights-Of-Way - Category B.

NOW, **THEREFORE**, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. This Amendment is composed of the foregoing recitals, terms and conditions, contained herein, including Exhibit A – Listing of Agreements, all of which constitute a part of this Amendment.
2. The Parties agree to remove all rates, terms, conditions, and appendices/attachments related to Structure Access from the Agreements listed in Exhibit A. From the Execution Date, Structure Access will be covered by a separate Stand-Alone Structure Access Agreement for Poles, Ducts, Conduits, and Rights-Of-Way - Category B.
3. This Amendment is be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment will govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, may not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
4. 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 does not modify or extend the Effective Date or Term of the underlying Agreement, but rather be coterminous with such Agreement.
6. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
7. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart will be considered an original and such counterparts together constitute one and the same instrument.

8. For Illinois, Indiana, Kansas, Michigan, Missouri, Oklahoma, Tennessee, Texas: This Amendment will be filed with and is subject to approval by the applicable state Commission and become effective 10 days following approval by such Commission. For Arkansas: This Amendment will be filed with the Arkansas Public Service Commission and become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment will become effective 10 days after the mailing date of the final order approving this Amendment.

Exhibit A – List of Agreements

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Effective Date
Southwestern Bell Telephone Company, LLC d/b/a AT&T ARKANSAS	XO Communication Services, LLC	Interconnection	3/21/2006
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	XO Communication Services, LLC	Interconnection	11/4/1999
Southwestern Bell Telephone Company, LLC d/b/a AT&T KANSAS	XO Communication Services, LLC	Interconnection	10/24/2005
Southwestern Bell Telephone Company, LLC d/b/a AT&T MISSOURI	XO Communication Services, LLC	Interconnection	8/13/2005
Southwestern Bell Telephone Company, LLC d/b/a AT&T OKLAHOMA	XO Communication Services, LLC	Interconnection	10/20/2006
Southwestern Bell Telephone Company, LLC d/b/a AT&T TEXAS	XO Communication Services, LLC	Interconnection	8/29/2005
Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS	XO Communication Services, LLC	Interconnection	11/1/2001
Indiana Bell Telephone Company, LLC d/b/a AT&T INDIANA	XO Communication Services, LLC	Interconnection	6/10/2010
Michigan Bell Telephone Company, LLC d/b/a AT&T MICHIGAN	XO Communication Services, LLC	Interconnection	1/8/2002
The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO	XO Communication Services, LLC	Interconnection	12/11/2001
Wisconsin Bell, LLC d/b/a AT&T WISCONSIN	XO Communication Services, LLC	Interconnection	3/11/2004